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DEPARTMENT OF THE INTERIOR
WEATHER BUREAU
REV. JOSÉ ALGUÉ, S. J., DIRECTOR

ANNUAL REPORT OF THE WEATHER BUREAU

PART I

WORK OF THE BUREAU DURING THE CALENDAR YEAR 1915

PART II

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY OF MANILA DURING THE CALENDAR YEAR 1915

MANILA
BUREAU OF PRINTING
1916

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Philippine Islands. - WEATHER BUREAU
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PART I.

WORK OF THE BUREAU DURING THE CALENDAR YEAR 1915.

WORK OF THE WEATHER BUREAU DURING THE CALENDAR YEAR 1915.

I. METEOROLOGICAL DIVISION.

1. WORK OF THE CENTRAL OBSERVATORY.

The year 1915 was one of quite extraordinary weather conditions for the Philippines. It began with a period of several months of a severe drought whose effects were much felt throughout the Islands and most particularly in the provinces of southeastern Luzon, the eastern Visayas and eastern Mindanao. This drought as far as these provinces are concerned was even worse than that of 1912, although in Manila and generally in the provinces of the western part of the Archipelago it was by no means so severe or extraordinary.

Then we had not a single typhoon crossing the Philippines during the greatest part of the typhoon season, viz, from May to September inclusive, while later on there were no less than five typhoons over Luzon in a period of about six weeks, from October 23 to December 7. It is considered indeed very extraordinary (*a*) that there be so many typhoons in Luzon in so a short time; (*b*) that all the typhoons crossed Luzon while there was none over the Visayas; (*c*) that a typhoon would come to pass near Manila so late in the year as it was the case in the typhoon of December 7, which caused typhoon signal No. 7 to be hoisted there.

The worst of these typhoons was that of Octboer 23 and 24 which wrought great havoc in the southern part of Catanduanes, Camarines, and Batangas, and the northern part of Albay, Marinduque, and Mindoro.

Out of the five typhoons, three had a very similar track across the southern provinces of Luzon, while another crossed the northern part of the Island, and another the central part.

A great deal of damage was done by hurricane winds and rains in several of our meteorological stations, particularly in those of Naga, Virac, Calapan, and Baguio. Necessary repairs, however, were ordered immediately, and new instruments sent wherever necessary.

The chief of the meteorological department, Rev. José Coronas, has prepared the tracks of these typhoons and a detailed discussion of same for publication in our Monthly Bulletins. Sufficient number of reprints has been issued for general distribution.

The number of typhoon warnings sent to foreign observatories during the year was 101 as against 127 during the preceding year. This does not mean that the number of typhoons observed in the Far East this year was smaller than in 1914. It may be given as the main reason for the reduced number of typhoon warnings the fact that the greatest part of the typhoons for 1914 were formed near of even beyond the Ladrone Islands, while those of 1915 have been formed far from the Ladrones and nearer to the Philippines, thus decreasing the number of days in which the Manila Observatory had to send warnings to the foreign observatories. Another reason was the lack of communication with Yap since the Caroline Islands were seized by the Japanese toward the end of the year 1914.

There is no doubt that Manila Observatory has been much handicapped in the work of forecasting typhoons by this lack of communication with the Western Carolines, just mentioned; yet there was not a single case in which timely warnings could not be sent throughout the Archipelago. There was only one instance in which several provinces had to rely only in the warnings sent by the local observers, and this was due to the fact that the telegraphic lines of the Archipelago which had gone down during the typhoon of October 23 had not yet been repaired when the next tpyhoon struck the Island of Luzon six days later, on October 29.

The number of barometers compared and corrected during this year was 155 as against 156 in 1914.

While our Monthly Bulletin has continued being published regularly, the printing of the Annual Report containing the observations taken both at the Central Observatory and at the secondary stations has been pushed almost to the limit, so that this publication will be again up to date by the end of 1916. Part III for 1912; parts, I, II, and III for 1913; and parts I and II for 1914 were printed during the year.

The requests received during the year for meteorological and climatological information were much more frequent than the preceding years. We shall mention here only the most important. Twice we had to answer by cable to the Chief of the Bureau of Insular Affairs, Washington, D. C., giving details on the drought we mentioned above, as it affected particularly the hemp provinces of the Philippines. Then during the month of September the following three big charts were prepared for the northern Luzon Fair of December, 1915, at a special request of Mr. A. D. Williams, director-general of the fair.

(*a*) Chart showing the average monthly temperature in Baguio as compared with those of Manila, Cebu, Zamboanga, Hongkong, Galveston, and Los Angeles.

(*b*) Chart showing the monthly temperature, rainfall, and sunshine in Baguio.

(*c*) Chart showing comparison of bright sunshine in Baguio with the sunshine in Manila and Hongkong.

The January and July and the annual normal pressures for a good number of stations in the Philippines, to be used in the construction of new maps and tables for the normal pressures of the world using the system of millibars, were sent last December at his request to Mr. William G. Reed, Department of Agriculture, Washington, D. C.

After the typhoons of October last a letter was received from the Philippine Shipowners Association offering its services to the Weather Bureau in order to coöperate as far as possible in the spreading of typhoon warnings to the shipping houses of Manila. This offering has been much appreciated and special care is taken to send to the association every warning that may be of any assistance to the shipping interests of the Islands.

2 SECONDARY STATIONS.

There has been hardly any change during the year in the number and class of our stations. The new station of Glan, southern Mindanao, was ordered to be closed at the end of the year because the observer, who was at the same time an employee of the Bureau of Health, was not giving satisfaction, as it was to be expected from a man who had never been trained at the Central Office. Besides it was known that he was to be transferred to another place by the Director of the Bureau of Health and our Bureau cannot afford to have observers who may be removed and changed every year.

At the request of the provincial governor at Catbalogan, an assistant calculator of the Central Office was sent there in October with all the instruments necessary for the establishment of a meteorological station. All the instruments had been mounted and the new station opened by the beginning of December. Thanks are due to the provincial governor, Hon. Vicente Jazmines, for the assistance and facilities given in the establishment of this station.

The following 56 stations were maintained by the Weather Bureau at the end of the year 1915:

One branch observatory at Baguio; 7 first-class stations; 10 second-class; 26 third-class; 2 seismic stations and 10 rain stations.

It is assumed that our station in Yap, Western Carolines, is still in regular working order, although we succeeded but once during the year in receiving a letter from the observer there. Thanks to the courtesy of the Japanese Government our Government has been able to send him part of his well-earned salary.

On April 1, Rev. Father Robert Brown, Secretary of the Weather Bureau, and the mechanic Calixto Santiago went on an inspection trip to Iloilo and to other several stations of the Visayas and northern Mindanao. They came back on May 16. As a result of this inspection several reprimands were found necessary, and a few stations were furnished with either a new shelter for the thermometers or better equipment for the office.

The coöperative station at Fort Mills, Corregidor, was visited at the end of December by Rev. Miguel Saderra Maso, the Assistant Director, who considered it necessary to improve the installation of the instruments, and to provide the station with a new thermometer shelter and a new set of typhoon signals.

On April 17 and July 6, respectively, the assistant calculator, Mr. Joaquin Gallego, was sent on two inspection trips to our stations of Bolinao and San Isidro, N. E. Everything was found satisfactory in Bolinao, while there were signs of some carelessness in San Isidro.

II. SEISMIC DIVISION.

A new station at Butuan was added during the year to the seismic department. Considering that place very important on account of the great seismicity of the Agusan Valley and of its vicinity to the Philippine Deep, that runs along the eastern coast of Mindanao, it was decided to place there one of the two Wiechert seismographs, acquired last year by the Bureau. For this purpose the chief of the department, Rev. Miguel Saderra Maso, with a mechanic made a trip to the mentioned town.

Considerable difficulty was experienced in finding a good location for so a delicate instrument. The provincial authorities of the Agusan gave all the facilities, offering a small room in the provincial building, the only strong public building in the town, but the contiguity to a corridor of public and frequent transit made it necessary to decline the offer. It was decided therefore to place the instrument in the ground floor of the observer's house, and to build a concrete foundation and a wooden partition to isolate the instrument from the rest of the house. The instrument stands on a concrete pilar or base 1.30 by 1 by 0.60 meter rising only 0.05 above the floor; the dimensions of the small room constructed for the purpose and paved with concrete is 3 by 3 m. The necessary work was undertaken by the Public Works department of the province at material and labor cost, and was done in a short time and very satisfactorily. For this reason the chief of this department wishes to express his appreciation to the governor and provincial treasurer of Butuan.

The work was finished and the instrument set up on the evening of the 27th of May. The following night the Butuan seismograph registered the first earthquake, originated at a distance of between 2,000 and 3,000 kilometers. Since then it has been working very satisfactorily, and the great number of regional shocks registered at Butuan are strong indications that the Agusan Valley is at present, as far as observations are available, the most unstable region in the Philippines.

On the occasion of this visit to Butuan, the local meteorological station was inspected. It was found that some instruments were not properly placed and cared for, and so it was decided to transfer them to the house and garden of the observer. The station, through the courtesy of the Jesuit missionaries, had been for many years in the convent.

On the way the director of this department inspected also the station of Cebu, finding all the instruments in good running order.

In the seismo-volcanic station at Ambulong nothing worth of special attention has occurred. The number of local earthquakes due probably to the influence of the Taal Volcano, has been very small, it indicating that the said volcano is really dormant at present. The difficulty in securing labor at reasonable salaries in a so lonely place has prevented the rebuilding of the small wharf destroyed by the typhoon of September, 1914. The number of visitors which applied for transportation to the volcano has been small, about 40 persons in all, due chiefly to the very bad shape of the road from Tanauan to Ambulong.

As in the former years, the publication of the special seismological bulletin has been continued, but without the reciprocity of most of the observatories of the belligerent nations and their colonies. The difficulty in the location of the origin of distant earthquakes registered at Manila is therefore increased with the lack of observational data usually supplied by other foreign stations.

The seismographs of the Observatory have registered during this year 338 seismic disturbances, 40 of them or the 12 per cent having their origin farther than 5,000 kilometers, and the rest either around the Archipelago or in the seas and regions of the Far East. The far-distant earthquakes registered in the Observatory that deserved special mention are: The Italian earthquake, January 30; the one felt in Peru, June 6, and that of Guatemala and San Salvador Republics, September 7.

The number of local earthquakes felt in the different regions of our Archipelago has been 137. The region more frequently shaken was Southeastern Luzon and the eastern islands, Masbate, Samar, and Leyte; the origin of the strongest shocks felt there being generally near Masbate Island. The Northeastern part of Mindanao, including in it the Agusan Valley, has had this year the second place in order of unstability or number of perceptible shocks.

There was not during the year any great and really disastrous earthquake in any part of the Archipelago, the strongest reaching only degree VIII of the scale. Nevertheless, some damage to the buildings was caused within a very small area by the earthquakes of January 4 and March 12, in the island of Masbate; May 16 and July 2, in Sabtan and Batan Islands; September 5, in the central part of the Agusan Valley, and November 19 in the Ilocos Norte Province.

The Wiechert Seismograph set up at Butuan registered from the 28th of May to the end of the year not less than 492 different shocks, originated generally within the limits of the Agusan Valley or in the Philippines Deep. Most of the disturbances registered were instrumental shocks, first degree of the scale Rossi-Forel. The seismograph of Agaña, Guam, registered only 76, showing that the island is in a period of relative seismic calm.

Besides the special articles published in the Bulletin about the strongest earthquakes mentioned above, a general catalogue for 1914 was prepared and published as in former years, and that of 1915 is under preparation.

III. MAGNETIC DIVISION.

The ordinary routine observations of the variations and the absolute measures of the magnetic elements have been continued during the year; generally two monthly trips were made to the magnetic observatory at Antipolo.

The quarterly report of magnetic calm and disturbed days has been sent regularly to the chief of magnetic service of De Bilt, Holland, to be included in the bulletin, which under the title of "Caractère Magnétique" publishes the "Commission Internationale de Magnétisme Terrestre." Many photographic copies of the greater magnetic storms have also been forwarded to the same Commission.

Since the instrumental corrections were received from the magnetic department of the Carnegie Institution at Washington in order to reduce our observations to the international standard, great progress had been made in the task of calculating and tabulating the observations of the four preceding years. During 1915 the hourly observations of 1911 have been reduced to absolute units; at present the base line is being prepared and calculated.

On the 17th of June there occurred the greatest magnetic storm ever registered at the new observatory of Antipolo. It was general with many sudden movements, and coincided with an interval of great solar activity shown by very numerous sun-spots and faculae. This is the first magnetic disturbance of the present cycle of sun-spot activity which commenced in March, 1914. One of the greatest and brightest display of the aurora was seen at the same time.

IV. ASTRONOMICAL DIVISION.

The time service has been continued as in the preceding years. Every day of the year, including Sundays and official holidays, time signals at 11^h a. m. have been sent from the Observatory to all the telegraphic stations in Luzon; and at noon the time ball has been dropped in the Central Observatory. Fifty-one chronometers have been received in the Observatory to be rated; and twelve times, time signals have been sent from the cable station to Guam for some American steamer anchored there. Fifteen chronometers and seven clocks have been compared every day with the standard clock of the Observatory.

The correct time has been determined by means of the Repsold, broken-transit-instrument of 75 millimeters aperture: 1,230 transits of stars have been observed and reduced during the year, and sixty times, the instrumental constants have been computed.

The Riefler Sidereal Clock No. 251, provided with second contacts and connected with the chronograph, has been used during the year as the standard clock for the time service. An idea of the performance of this clock may be obtained from the following table, which gives the excess of the computed correction over the observed, after periods of cloudy nights, during which transits could not be taken:

Date.	Nights without observation.	Excess of computed over observed correction.	Date.	Nights without observation.	Excess of computed over observed correction.
1915.		*Second.*	1915.		*Second.*
Jan. 2	6	—0.32	July 5	12	+0.33
Jan. 17	7	+ .01	July 16	11	+ .21
Jan. 28	6	+ .09	July 21	5	— .34
Feb. 5	4	+ .13	Aug. 1	11	+ .20
Feb. 14	5	+ .14	Aug. 9	8	+ .23
Feb. 19	5	+ .15	Aug. 26	7	— .16
Mar. 2	7	+ .03	Sept. 12	10	— .06
Mar. 22	7	+ .12	Sept. 24	8	+ .03
Mar. 30	8	+ .19	Sept. 29	5	— .04
Apr. 5	6	— .33	Oct. 4	5	+ .17
Apr. 18	7	+ .26	Oct. 12	8	— .13
Apr. 26	8	— .33	Oct. 25	5	+ .23
May 3	7	— .24	Nov. 1	7	— .60
May 9	6	+ .19	Nov. 17	5	— .21
May 27	18	+ .58	Nov. 29	7	— .06
June 6	6	+ .13	Dec. 9	6	— .09
June 10	4	— .18	Dec. 16	7	— .26
June 15	5	— .41	Dec. 31	5	— .03

In order to know the error with which the time signal at noon is given, the moments of the fall of the time ball has been recorded 170 times, in connection with the standard clock. The largest errors recorded were:

	Seconds.
January 9	0.36
February 5	.31
February 23	.34
March 17	.35
September 22	.32
September 25	.34
September 27	.45
September 29	.33
December 18	.33

The average error of the 170 records does not exceed 0.15 seconds.

Five hundred observations on solar radiation were taken during the year with the Ångström compensating pyrheliometer. The Callendar's sunshine receiver and electrical recorder has been working satisfactorily during the year. At the end of November, a planimeter was adapted and adjusted to the recorder, for the sake of facility in computing the total amount in calories, of solar and sky radiation.

Solar radiation observations are being carried on in Manila with three different instruments: The silver disk pyrheliometer S. I. 27, the Ångström compensating pyrheliometer and the Callendar sunshine recorder. The intercomparison of the three instruments, the study of the sky transparency at Manila and a long and systematic series of solar radiation observations will be, it is hoped, an important contribution to the study of the transcendental problem of the solar constant.

V. PERSONNEL.

1. *Nationality.*—The composition of the personnel of the Weather Bureau as to nationality has remained practically unchanged, over 91 per cent being Filipinos.

2. *Promotions.*—Only five of our employees in the Central Office and two second-class observers and one third-class observer in the provinces were promoted during the year.

3. *Separations.*—The Director had to accept with much regret the resignation of Rev. R. Brown, Secretary of the Weather Bureau. Fortunately the appointment of Rev. M. Selga to succeed Fr. Brown came to his relief. Fr. Selga is a man of extraordinary abilities and of excellent training in science and so a valuable addition to our staff. Outside of Fr. Brown there were five more separations from the service, through resignation: One second-class observer; two third-class observers and two assistants to first-class observers. One third-class observer was reinstated.

VI. IMPROVEMENTS AND NEW APPARATUS.

A new thermometer shelter was set up in the meteorological park of the Central Office and a cement paved road constructed, leading from the astronomical building to the meteorological park. The object in building the shelter was to give practical instruction to those who are preparing to take charge of our stations. In the branch station at Mirador, Baguio, the office was enlarged and a new visitors parlor built.

One hypsometric thermometer was ordered from Mr. Leybold's Nachfolger to be used in connection with the Regnault hypsometer for measuring altitudes, but owing to the present European complications the instrument has not yet been received.

On January, 1915, the present Secretary of the Weather Bureau, then volunteer assistant astronomer at the Lick Abservatory, Mt. Hamilton, Cal., was instructed by the Director to arrange with Mr. C. G. Abbot, director, astrophysical observatory of the Smithsonian Institution, so that the Manila Observatory could be furnished with a silver disk pyrheliometer. Mr. C. G. Abbot was kind enough to direct the instrument to be made, tested and standardized at the astrophysical observatory of the Smithsonian Institution, Washington, D. C., and to take it along to the Smithsonian Institution Observatory at Mount Wilson, Cal., to be used in connection with other silver disk pyrheliometers and with the spectrobolometer. The instrument was delivered by Mr. L. B. Aldrich to Rev. M. Selga, at Mount Wilson, Cal., on August 14, 1915. To reduce the danger of breaking the thermometer of the instrument to a minimum, M. Selga carried the silver disk pyrheliometer personally from Mount Wilson to San Francisco and from San Francisco to Manila. On October 22, 1915, the instrument was set up and the first pyrheliometric observations taken at the Manila Central Observatory with the silver disk pyrheliometer S. I. 27. Up to December 31, 1915, the number of observations taken has been 227.

The silver disk pyrheliometer, designed by C. G. Abbot, in 1902, is described in the Annals of the astrophysical observatory of the Smithsonian Institution, volume 2, and in the Smithsonian miscellaneous collections, volume 56, number 19.

The instrument, in its present form, consists of a silver disk, bored radially with a hole to admit the cylindrical bulb of a thermometer. A nickeled brass tube supports and protects the thermometer, bent at a right angle, to make the instrument more compact and less fragile. The thermometer is graduated to tenths of degrees from – 15°C. to + 50°C.

The silver disk is inclosed by a copper cylindrical box, halved together for convenience in construction. The copper box is inclosed by a wooden box to protect the instrument from temperature changes. Sunlight may be admitted through the tube, which is provided with a number of diaphragms, having circular apertures. The aperture nearest the silver disk is slightly smaller than the others, and slightly smaller than the disk itself, and thus limits the cross section of the sunbeam whose intensity is to be measured. The entire interior of the tube, the box, and the silver disk are painted dead black with lampblack mixed in alcohol.

The purpose of the silver disk pyrheliometer is to furnish readings proportional to the intensity of the radiation of the sun, but not to furnish independent means of reducing these readings to true heat units. They are regarded as secondary instruments and are to be standardized by comparison with true standard pyrheliometers. Such standardization was made by Mr. C. G. Abbot, director of the astrophysical observatory of the Smithsonian Institution, Washington, D. C., for our silver disk S. I. 27.

The abridged method of Mr. Abbot is being applied in the reduction of our observations.

VII. VISITORS.

Besides the visits of vessel masters and captains, shipowners and ordinary visitors, as in former years, the observatory was honored with the visit of the president of the University of Tokio in February, of the president of the University of Hongkong in December, and of Mr. W. R. Warner, president of the well-known astronomical firm "The Warner and Swasey," of Cleveland, Ohio. The visits of different parties from high and normal school, sent by their professors to get acquainted with the instruments of the Observatory, deserve more than passing mention. Several distinguished visitors were given the privilege of the use of the large telescope on several clear nights.

VIII. GOLDEN JUBILEE OF THE MANILA OBSERVATORY.

One event seems to deserve special mention here: It is the Golden Jubilee of the Observatory started in 1865. The Manila Observatory was supported by private resources until 1884, when it was declared an official institution by the Spanish Government. The most important facts connected with this institution have been gathered in an appropriate form, and out of those Rev. M. Saderra Masó, Assistant Director, has published a memorial volume entitled "Historia del Observatorio de Manila 1865–1915." It has been printed from our private resources at a cost of over 1,300 pesos and distributed to the benefactors of the Observatory and to similar institutions.

PART II.

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY DURING THE CALENDAR YEAR 1915.

INTRODUCTION.

Part II of our report for 1915 contains the meteorological observations made during the year at the Central Observatory at Manila. The hours of observations are given in Insular standard time—that is, in the time of the one hundred and twentieth meridian east of Greenwich, adopted by order of the United States Government on September 6, 1899. It is to be noted that the observations of atmospheric pressure, temperature, relative humidity, vapor tension, and the direction and force of the wind are hourly, read directly between the hours 6 a. m. and 7 p. m., while for the hours from 8 p. m. to 5 a. m. they are taken from self-registering apparatus. The hourly observations of the direction, form, and amount of clouds are made from 8 a. m. until 5 p. m. only.

Each of the tables of hourly observations shows also the respective hourly, daily, and monthly means. The extreme daily values of the various elements, together with the time of their occurrence, are united into a separate table. The thermometers and atmidometer are placed in the observatory park, 1.5 meters above the ground.

The readings of the barometer have not been corrected for gravity; this correction would be -1.72 mm.

All observations contained in this report are expressed in the metric system, continuing the practice adopted at the time of the reorganization of the Weather Bureau. As in former reports, we have arranged the observations according to month.

EXPLANATION OF SYMBOLS (BEAUFORT'S LETTERS AND INTERNATIONAL WEATHER SYMBOLS).

Symbol.	Equal to—	Symbol.	Equal to—
Ci.	Cirrus.	o	Overcast.
Ci.-S.	Cirro-stratus.	p	Passing showers of rain.
Ci.-Cu.	Cirro-cumulus.	q	Squally.
A.-Cu.	Alto-cumulus.	u	Ugly or threatening weather.
A.-S.	Alto-stratus.	v	Visibility of distant objects.
S.-Cu.	Strato-cumulus.	w	Wet or heavy dew.
N.	Nimbus.	●	Rain.
Cu.	Cumulus.	≡	Fog or mist.
Cu.-N.	Cumulo-nimbus.	⌓	Dew.
S.	Stratus.	⊕	Solar corona.
Fr.-Cu.	Fracto-cumulus.	○	Solar halo.
Fr.-N.	Fracto-nimbus.	⊎	Lunar corona.
Fr.-S.	Fracto-stratus.	∪	Lunar halo.
S.-cf.	Stratus-cumuliformis.	↯	Lightning.
N.-cf.	Nimbus-cumuliformis.	☈	Thunderstorm.
M.-Cu.	Mammato-cumulus.	T	Thunder.
b	Clear, blue sky.	↙	Strong wind.
c	Partial clouds.	⌒	Rainbow.
d	Drizzling or light rain.	∞	Dust haze.
g	Gloomy, or dark, stormy-looking weather.		

NOTE.—The intensity of any individual phenomenon may be distinguished by the figures ° and ², which should be used as exponents of the symbols, so that ° indicates slight, and ² strong; e. g., ●° = slight rain, ●² = heavy rain. Figures in heavier type represent extreme values.

OBSERVATIONS FOR JANUARY, 1915.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	61.45	61.15	61.10	61.15	61.20	61.40	61.66	62.39	**62.70**	62.44	61.99	61.27
2	61.65	61.50	61.35	61.40	61.55	61.96	62.48	62.83	**63.10**	62.85	62.22	61.45
3	61.15	61.05	60.90	61	60.95	61.39	62	62.39	**62.79**	**62.79**	62.15	61.62
4	62.15	61.90	61.70	61.80	61.85	62.33	62.80	**63.49**	63.39	63.29	62.77	62.14
5	62.45	62.15	61.95	62.20	62.25	62.55	62.98	**63.29**	63.28	63.14	62.43	61.72
6	61.70	61.45	61.25	61.45	61.60	61.90	62.44	62.58	**62.64**	62.52	61.90	61.26
7	60.80	60.70	60.40	60.35	60.60	60.99	61.53	61.99	**62.08**	61.79	61.32	60.52
8	60.75	60.45	60.30	60.50	60.65	61.13	61.47	62.17	**62.33**	62.18	61.88	61.29
9	61.05	60.80	60.70	60.80	60.80	61.32	61.87	62.53	**62.88**	62.72	62.34	61.74
10	61.95	61.60	61.30	61.50	61.75	62.14	62.78	63.39	**63.57**	63.43	63.20	62.20
11	62.25	61.95	61.90	61.90	62.25	62.80	63.38	63.73	**63.88**	63.75	63.28	62.75
12	61.75	61.55	61.45	61.60	61.90	62.10	62.58	63.28	63.65	63.35	63.19	62.64
13	63.15	62.95	62.85	63.05	63.10	63.39	63.96	64.18	64.23	64.24	63.93	63.39
14	63.90	63.45	63.15	63.05	63.25	63.38	63.64	64.31	64.86	**64.96**	64.64	64.05
15	63.50	63.30	63.10	63.15	63.25	63.66	64.23	65.11	65.40	**65.67**	65.18	64.42
16	64.50	64.40	64.30	64.50	64.75	65.04	65.69	65.89	**65.99**	65.82	65.53	64.73
17	64.80	64.70	64.50	64.65	64.75	65.14	65.59	66.12	**66.16**	65.88	65.43	64.67
18	64.30	63.95	63.85	64.05	64.25	64.53	65.10	65.66	**65.73**	65.56	65.04	64.24
19	63.35	62.95	62.90	63	63.05	63.46	63.94	**64.09**	64.03	63.70	63.17	62.54
20	62.30	62.05	61.95	62	62.10	62.19	62.48	**62.74**	62.68	62.37	61.92	61.17
21	61.60	61.25	61.30	61.35	61.55	61.91	62.25	62.70	**63**	62.78	62.22	61.85
22	62.05	61.80	61.60	61.85	62.15	62.57	63.02	63.73	**63.98**	63.70	63.10	62.27
23	62.15	61.85	61.65	61.65	61.85	62.15	62.62	63.14	**63.29**	63.03	62.68	62.17
24	61.75	61.50	61.30	61.15	61.15	61.43	62.05	61.86	**62.58**	62.44	61.84	61.32
25	62.10	62	61.65	61.90	62.10	62.66	63.30	63.83	**64.03**	63.73	63.17	62.42
26	61.90	61.90	61.80	61.85	62.10	62.40	62.60	63.24	**63.83**	63.57	62.77	61.79
27	61.65	61.30	61.15	61.10	61.20	61.71	62.10	62.64	**62.78**	62.74	62.37	61.63
28	61	60.70	60.55	60.70	60.90	61.24	61.55	62.22	62.71	**62.81**	62.29	61.59
29	61.30	61.05	60.95	60.95	61.25	61.54	62.09	62.54	62.97	**62.99**	62.60	62.07
30	61.65	61.40	61.25	61.20	61.55	61.82	62.12	62.64	63.17	**63.23**	63.08	62.45
31	62.40	62.20	61.80	61.95	62.20	62.55	63.05	63.16	**63.26**	63.19	63	62.45
Mean	62.21	61.97	61.80	61.90	62.06	62.41	62.88	63.35	**63.58**	63.44	62.99	62.32

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.3	21	20.5	19.5	19.6	**19.1**	19.3	23.1	26.1	27	27.6	27.8
2	21.1	20.2	19.6	19.3	19	**18.7**	18.9	22.7	25.8	27	27.8	28.2
3	21.7	21.4	20.8	21.2	20.4	**20**	21	23.3	26.7	27.1	27.1	28.2
4	21.7	21.4	20.7	20.4	20.4	**20.2**	20.7	23.7	25.4	28.2	28.6	28.7
5	22.9	22.6	22.4	22.5	22.3	22.3	**22.2**	24.4	25.8	26.8	27.4	28.4
6	23.3	22.6	22.4	23.2	22.8	22.3	**22.2**	24.5	27.1	26.8	28.5	28.4
7	24.7	24.7	24.6	23.9	23.5	**22.9**	23.3	25.8	27	29.5	28.8	29.6
8	24.3	24.1	24.2	24.2	24	24	24	25.4	27.5	**27.8**	27.7	25.6
9	23	23	22.7	22.7	22.8	**22.2**	22.5	24.2	27.6	27.3	28	**29.3**
10	22.5	22.6	22	21.9	21.7	**21.6**	21.7	24.1	27.4	28.6	27.2	27.3
11	22.7	22	21.7	21.5	21.5	**21**	**21**	24.5	28	29.9	28.8	28.9
12	24	23.2	23	22.5	**22.1**	22.4	22.7	23.9	25	27.8	29.4	26.9
13	22.4	22.1	21.9	21.3	**20.7**	21.5	21.8	24	27.4	27.6	**29.3**	29.1
14	20.6	20.6	**20**	**20**	20.3	**20**	20.6	23.3	24	25.4	27.2	27.4
15	23.4	23.4	21.8	21.8	21.9	22.2	22.2	23	25	24.1	25.8	26.8
16	19.7	20	19.5	18.8	18.5	**18.4**	18.5	22	25.3	27.3	27.4	28.1
17	21.3	20.4	19.7	19.4	19.6	**18.9**	19	22.6	25.7	26.9	28.1	27.1
18	22.4	21.6	**21.4**	21.5	21.5	21.9	22.2	24	24.9	26.4	27.2	29.2
19	20.9	20.3	19.9	20	20.4	19.8	**19.7**	22.8	26.5	27.5	27.4	27
20	21.8	21.4	21.9	21.1	20.5	**19.9**	20.2	22.3	25.8	26.7	27	28.1
21	21.2	20.9	20.4	19.4	19.4	**19**	**19**	22	25.5	26.4	26.8	28
22	24.5	23.8	23.6	23	22.3	21.3	**21**	23.7	26.7	28.6	28.2	29.2
23	22.5	21.9	21.8	21.2	**20.9**	21	21	24	27.5	28.8	27.5	27.7
24	22.4	22.3	22.3	21.9	21.4	**21**	21.3	24.3	26.2	26.8	27.7	27.3
25	22.1	21.7	**21.4**	21.5	21.6	21.7	**21.4**	24.3	26.3	27.1	26.7	27
26	22.4	22.1	21.6	**21.4**	21.5	21.5	21.5	24.6	25.4	27.2	29	31.2
27	22.2	21.5	20.9	20.8	**20.7**	21	21	24	27.5	26.3	26.5	26.4
28	21.3	20.9	20.5	20.3	**20**	20.3	20.5	23.2	25.5	27.6	27.2	28
29	21.7	21.1	20.8	20.9	20.7	**20.2**	21.2	24.5	27.6	26.7	26.9	28.2
30	23.5	23.5	23.1	23.1	22.8	22.7	23.3	24.5	24.1	24.5	24.8	**26.1**
31	22.2	21.6	21.2	21.1	21	**20.7**	21.2	23.2	27	27.1	27.8	28
Mean	22.3	21.9	21.6	21.3	21.2	**21**	21.2	23.7	26.2	27.2	27.6	28

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
60.54	60.17	59.78	**59.74**	60.04	60.28	60.65	60.95	61.10	61.45	61.70	61.70	61.17
60.47	60	59.67	**59.57**	59.73	60.23	60.90	60.95	61.05	61.20	61.20	61.20	61.27
60.99	60.53	**60.29**	60.42	60.86	61.49	62.05	62.45	62.45	62.40	62.45	62.40	61.62
61.47	61.26	**60.94**	61.24	61.59	62.14	62.45	62.60	62.95	63	62.85	62.70	62.28
60.88	60.59	**60.31**	60.53	60.74	60.93	61.40	61.80	61.95	61.90	61.85	61.85	61.88
60.46	59.81	**59.43**	59.46	59.83	60.21	60.77	61.25	61.35	61.20	61.15	61	61.19
59.37	58.83	**58.61**	58.68	59.12	59.73	60.38	60.85	60.90	61.10	60.95	60.90	**60.52**
60.72	60.23	**60.14**	60.41	60.64	60.85	61.27	61.65	61.65	61.60	61.60	61.30	61.13
60.79	**60.09**	60.15	60.20	60.49	60.92	61.33	61.85	62.20	62.40	62.35	62.25	61.44
61.48	60.72	**60.48**	60.58	60.93	61.43	61.95	62.45	62.55	62.60	62.65	62.40	62.04
61.83	61.27	60.89	**60.70**	60.95	61.32	61.61	61.85	62.20	62.35	62.15	61.95	62.20
62.07	61.37	**61.01**	61.14	61.59	61.98	62.33	62.95	63.15	63.45	**63.70**	63.50	62.39
62.89	62.65	**62.14**	62.37	62.91	63.25	63.78	64.05	64.30	**64.40**	64.35	64.15	63.49
63.12	62.37	**62.24**	62.42	62.58	62.74	62.97	63.35	63.55	63.80	63.80	63.70	63.47
63.68	63.09	62.85	**62.84**	62.97	63.45	63.75	64.20	64.50	64.75	64.75	64.70	63.98
63.93	63.23	**63.06**	63.32	63.94	64.43	64.90	65.35	65.35	65.30	65.20	65.10	**64.76**
63.74	63.04	**62.87**	63.06	63.58	63.92	64.40	64.65	64.95	64.90	64.80	64.50	64.62
63.55	63.01	**62.58**	62.71	62.87	63.49	63.93	64.15	64.25	64.20	63.90	63.75	64.11
61.82	61.06	**60.78**	60.88	61.17	61.68	61.88	62.30	62.55	62.75	62.70	62.65	62.60
60.33	59.68	59.52	**59.46**	59.81	60.28	60.62	61.25	61.60	61.85	61.85	61.75	61.41
60.97	60.33	**59.92**	59.97	60.17	60.54	61.12	61.80	62.10	62.10	62.25	62.25	61.55
61.34	60.61	**60.33**	60.48	60.88	61.20	61.67	62.35	62.60	62.75	62.45	62.40	62.12
61.41	60.86	**60.17**	60.20	60.60	61.11	61.65	61.80	62	62.25	62.30	62	61.86
60.57	60.14	**59.94**	60.02	60.62	61.04	61.55	62.05	62.10	62.10	62.15	62.25	61.45
61.43	60.81	60.43	**60.35**	60.73	61.27	61.66	62.05	62.10	62.15	62.15	62.05	62.09
61.12	60.52	**60.36**	60.55	60.85	61.31	61.64	62.05	62.10	62.10	61.95	61.80	61.92
61.04	60.73	**60.32**	60.39	60.68	60.88	61.09	61.40	61.70	61.75	61.70	61.50	61.48
60.93	60.05	**59.82**	59.84	60.03	60.39	60.77	61.25	61.60	61.60	61.70	61.50	61.16
61.34	60.63	**60.54**	60.79	60.92	61.03	61.17	61.65	62	61.95	61.90	61.65	61.58
61.88	61.33	**61.12**	61.47	61.52	62.08	62.38	62.75	62.95	62.80	62.80	62.75	62.14
61.85	60.79	60.49	**60.39**	60.49	60.78	61.25	61.65	61.95	61.95	62.15	62.50	61.98
61.55	60.96	**60.68**	60.78	61.09	61.50	61.91	62.31	62.51	62.58	62.56	62.45	62.16

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
29	29.2	**29.6**	29.4	27.9	25.9	25	24.3	23.6	22.4	22.6	21.9	24.3
29	29.7	**30.8**	29	27.6	26	25.2	24.3	23.1	22.1	21.4	21.5	24.1
27.8	29.5	**29.7**	28.9	27.5	25.6	24.8	24.6	23.7	23	22.6	22.2	24.5
29	28.5	28.5	27.6	26.5	25.6	24.7	24.5	24.5	24.2	23.7	23.6	24.6
29	28.8	**29**	28.8	28	26.2	25.4	24.4	24.3	24.4	24.5	24	25.3
30.1	30.6	**31.2**	31	29.5	27.1	26.1	25.5	25.4	25	24.9	24.9	26.1
30.1	**30.6**	**30.6**	30.3	29.3	27.8	27.3	25.9	25	24.7	24.7	24.7	**26.6**
25.7	26.4	26.4	26.9	26	25.4	24.7	24.2	24	23.6	**23.3**	23.4	25.1
27.8	28.9	27.9	28.2	27.1	26	25.6	25.4	24.8	24.6	24	23	25.4
28.7	**31.9**	31.6	30.3	28.9	27.2	26.1	25.8	25	24.8	24.2	23.6	25.7
29.1	30.1	**30.7**	**30.7**	29.3	26.9	25.8	25.3	25.2	24.7	25	24.4	25.8
27.7	29.6	**29.8**	29.5	27.7	25.9	25.1	24.4	23.8	23.5	23.5	22.9	25.3
28.4	27	27.6	27	26.8	25.3	24.5	23.8	22.9	22.7	21.9	21.5	24.5
27.1	**27.6**	**27.6**	27.1	26.2	25.8	25.3	24.9	24.1	24.7	24.3	23.9	24.1
27.5	**28.8**	28.1	26.6	25.5	24.7	23.5	22.5	21.7	21	20.5	**19.9**	**23.8**
28.8	**29.2**	**29.2**	28.6	26.9	25.2	23.8	23.9	24	23.2	22.9	21.7	**23.8**
28.6	28.6	**29.9**	27.8	26.6	25.6	24.8	23.8	23.5	22.5	22.8	22.6	**24**
28.5	29.4	**30**	29.6	28.7	26.8	24.9	24.1	23.4	22.8	22.2	21.7	24.8
29.2	29.5	**30.4**	29.8	28	26.2	25.2	24.7	24.1	23.4	23.1	22.4	24.5
29.1	29	29.6	**30.1**	28.4	26.2	25	24.3	23.8	23.1	22.4	21.9	24.6
28.5	29.6	**30.7**	30.5	28.6	26.7	25.5	25.1	25	24.6	24.7	24.6	24.7
30.3	30.7	**31.5**	30.6	29.5	27.1	26.4	25.1	24.4	23.7	23.6	22.9	25.9
27.6	28	**29**	28.6	28	26.1	25	24.2	23.5	22.8	22.8	23.1	24.8
27.3	27.7	28.1	**28.2**	26.9	26	25.3	24.6	24.4	23.9	24	22.7	24.8
29.9	29.2	**30.2**	30.1	28.5	27	25.5	25	24.6	23.9	23	22.9	25.1
31.3	**31.5**	31.2	30.2	29	26.6	25	24.5	24	23.3	22.9	22	25.5
27.3	**28.3**	27.1	27	26	24.9	24	23.6	22.7	22.1	21.9	21.6	24
27.7	**29.7**	**29.7**	29.2	28.9	27.2	26	24.8	23.3	22.7	22.7	22.1	24.6
28.4	28.5	**28.8**	26.1	26.3	25.2	25.1	25.1	24.6	24.1	24	23.8	24.6
24.6	25.2	26	25.5	25.7	25	24.6	24	23.9	23	22.2	**22.1**	24.1
28.2	30	**31.8**	30.9	29.3	27	25.8	25.1	24.7	24.3	24	22.9	25.3
28.4	29.1	**29.4**	28.8	27.7	26.1	25.2	24.6	24	23.5	23.2	22.8	24.8

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	90	91	91	**95**	93	94	92	77	72	68	65	65
2	88	91	92	92	92	**93**	92	78	70	66	61	60
3	89	89	**91**	86	90	**91**	86	76	65	65	66	61.5
4	93	92	**94**	92	92	92	89	76	72	60	**57**	62
5	90	90	91	91	93	93	**94**	80	76	75	73	69
6	93	**96**	**96**	90	92	95	**96**	91	**77**	78	73	72
7	87	87	87	91	92	**95**	93	86	76	**64**	71	69
8	81	81	79	78	79	77.5	77.5	72	**67**	70	68.5	81
9	**96**	94	94	93	91	95	93	89	73	75	70	**62**
10	91	90	**93**	92	92	**93**	**93**	92	70	64	71	71
11	89	93	92	93	93	95	**96**	83	72	65	72	69
12	87	91	90	92	**95**	93	92	86	85	69	63	75
13	88	89	90	92	**94**	90	87	81	66	66	**64**	**64**
14	95	94	**96**	95	93	94	91	85	81	75	68	68
15	81	80	90	90	90	87	88	83	75	82	75	68
16	93	91	93	**96**	**96**	95	95	81	71	60	59	56
17	83	87	90	90	89	**92**	**92**	78	67	63	61	66
18	86	88	**91**	90	**91**	89	89	79	77	71	68	61
19	92	**94**	**94**	**94**	90	92	93	85	67	61	61	64
20	89	91	88	92	93	**94**	91	86	69	65	68	65
21	88	88	88	**91**	90	90	90	84	69	66	64.5	62
22	77	82	85	88	87	91	**93**	81	68	63	63	58
23	89	92	92	94	**94.5**	94	94	83	68	64.5	**64**	66
24	90	89	87	87.5	90	**91**	**91**	79	70	69	67	68
25	87	88	89	89	88	88	**90**	80	70	65	69	67.5
26	91	92	**95**	**95**	94	94	94	84	80	67	63	54
27	84	89	94	93	94	92	91	81	**66**	73	71	74
28	**99**	98	98	97	97	95	93	87	79	67	73	71
29	92	95	**96**	94.5	94	94	92	77	65	70	69	63
30	90	90	91	93	94	**97**	94	87	89	87	89	**82**
31	97	97	98	**99**	98	98	95	85	70	70	65	63
Mean	89.2	90.3	91.5	91.8	92	**92.4**	91.5	82.3	72.3	68.5	67.5	66.4

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	16.9	16.8	16.4	16	15.8	15.5	**15.4**	16.2	18	18.1	17.8	18.1
2	16.4	15.9	15.7	15.4	15.1	**14.9**	15	16.1	17.3	17.5	17	17.1
3	17.2	16.9	16.6	16.2	16	**15.9**	16	16.2	16.9	17.3	17.6	17.5
4	17.9	17.4	17	16.5	16.5	16.3	**16.1**	16.5	17.4	17.1	16.7	18.1
5	18.7	18.4	18.3	18.4	18.6	18.6	18.7	**18.2**	18.8	19.7	19.7	19.9
6	19.8	19.5	19.2	**18.9**	19	**18.9**	19	20.7	20.4	20.5	21	20.7
7	20	20	20.1	20.1	19.8	19.6	19.8	21.2	20.1	19.7	20.8	21.1
8	18.2	18	17.8	17.4	17.5	**17.2**	**17.2**	17.4	18.3	19.5	18.9	19.8
9	19.9	19.6	19.2	19	18.8	18.8	18.8	19.9	20	**20.2**	19.7	18.9
10	18.4	18.4	18.2	17.9	**17.7**	17.8	17.9	**19.4**	19.1	18.7	19.1	19.2
11	18.3	18.2	17.7	17.7	17.7	**17.6**	17.8	19	20.3	20.5	**21.2**	20.5
12	19.3	19.3	18.8	18.6	18.7	18.7	18.9	19	**20**	19.2	19.2	19.6
13	17.6	17.6	17.6	17.3	17	17.2	**16.8**	17.9	17.8	18.1	19.5	19.2
14	17.2	17	16.7	16.6	16.5	16.4	16.4	18.1	18.1	18.1	18.3	18.3
15	17.4	17.2	17.5	17.5	17.6	17.2	17.4	17.3	17.6	**18.4**	**18.4**	17.8
16	15.9	15.7	15.7	15.5	15.2	**15**	15.1	15.8	**17.1**	16.2	16	15.7
17	15.6	15.5	15.4	15.1	15.2	**15**	15.1	16	16.3	16.6	17.2	17.6
18	17.3	16.9	17.2	17.2	17.3	17.4	17.8	17.5	18	18.2	18.1	18.4
19	16.8	16.7	16.3	16.4	16	**15.9**	**15.9**	17.6	17.3	16.6	16.7	16.9
20	17.3	17.2	17.3	17.1	16.8	16.3	**16.1**	17.2	17.1	16.9	18.1	18.3
21	16.5	16.2	15.7	15.3	15.1	**14.8**	**14.8**	16.5	16.8	16.8	16.9	17.4
22	17.6	18	18.3	18.3	17.4	17.1	17.1	17.7	17.7	18.2	17.8	17.4
23	18.1	17.9	17.8	17.5	**17.3**	**17.3**	**17.3**	18.4	18.5	19	17.5	18.2
24	18.2	17.9	17.4	17.1	17	16.8	17.1	17.9	17.8	18.2	**18.4**	18.2
25	17.1	17	**16.9**	17	**16.9**	17	17	18	17.9	17.4	17.9	17.8
26	18.3	18.2	18.1	17.9	17.8	17.8	17.8	19.3	**19.4**	17.9	18.7	18.1
27	**16.7**	17	17.2	16.9	17	16.9	16.8	18.1	18.1	18.6	18.4	19
28	18.7	18	17.6	17.2	16.9	16.9	**16.8**	18.4	19.1	18.4	19.4	**19.9**
29	17.7	17.6	17.6	17.3	17.1	**16.6**	17.2	17.6	17.8	18.2	18.1	18.1
30	19.3	19.3	19.1	19.5	19.3	20	20	20	19.8	20	20.7	20.7
31	**19.3**	18.6	18.4	18.4	18.2	**17.8**	17.9	18	18.4	18.7	17.9	**17.8**
Mean	17.9	17.7	17.5	17.3	17.2	**17.1**	**17.1**	18	18.3	18.3	18.5	18.6

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
59	**59**	61	62	67.5	75	76	80	82	86	82	85	77.8
57	56	**54**	59	66.5	69	73.5	76	83	87	90	89	76.5
63	**57**	59	64	72	75	78	79	85	87	89	90	77.2
61	64	60	65	70	72	80	81	81	83	86	85	77.5
67.5	69	**67.5**	71	74	83	84	91	91	90	89	91	82.6
64	63	**61**	**61**	68	78	85	86	87	87	87	87	81.8
67	66	**64**	**64**	68	79	74	78	82	82	81	79	78.4
86	83	83	80	87	88	92	92	93	94	**97**	95	82.6
72	67	71	68	68	75	77	77	82	82.5	86	89	80.8
63	**51**	52	57	63	71	73	75	80	81	84	86	77
68	64	62	**61**	64	76	82	83	83	85	81	85	79.4
69	**58**	59	60	65	71	76	79	82	83	83	83	78.6
67	76	73	76	74.5	83	82	85.5	88	87	90	92	81
71	70	**64**	65	65.5	65	67	69.5	75	72	75	77	78
60	**56**	**56**	61	66	69	77	81	85	88	90	**92**	77.9
54.5	57	57	58	58.5	65	72	70	70	73	77	82	74.2
62	60.5	**57**	60	65	67	71	77	77	82	83	84	75.1
65	66	**59**	**59**	61	65	72	78	80	83	86	87	76.7
57	58	**56**	59	67	74	78	79	81.5	85	86	87	77.3
62	59.5	58	**56**	60	69.5	73	75	77	80	83	85	76.2
61	58	**55**	56.5	64	72	79	77	77	79	79	79	75.3
54	51	**50.5**	57	63	70	68	73	78	81	83	85	**72.9**
69	69	67	67	68	76	81	85	88	90	90	87	80.5
68	64	63	**62**	63	67	72	75	74.5	77	76	82.5	75.9
56	60	59	59	66	71	78	79.5	82	86	**90**	89	76.9
54	52	**51**	52	53	62	71	74	77	80	82	87	74.9
73	68	77	78	82	87	90	90.5	95	**98**	97	**98**	84.8
70	**61**	**61**	64	66	73	77	79	87	89	89	91	81.7
61	64	63	76	68	77	78	76	82	86	86	87	79.4
92	92	85	85	84	88	90	92	89	93	96	**97**	**90.2**
65	59	**52**	56	62	72	77	80	80	82	81	86	78.6
65.1	63.2	**61.8**	63.8	67.4	73.7	77.5	79.8	82.4	84.5	85.6	87	78.6

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
17.6	17.8	18.7	**18.9**	18.8	18.5	18	18	17.8	17.3	16.8	16.6	17.3
17	17.5	18	17.6	**18.2**	17.2	17.5	17.2	17.4	17.1	17	17	16.8
17.6	17.4	18.3	18.9	**19.6**	18.3	18.1	18.2	18.4	18.1	18.2	17.9	17.5
18.1	18.4	17.5	17.8	18	17.6	18.5	18.5	18.5	18.7	**18.8**	18.5	17.6
20	20.2	20	20.8	20.7	**21**	20.3	20.6	20.5	20.4	20.3	20.1	19.6
20.2	20.5	20.7	20.4	20.8	20.8	**21.3**	20.9	20.9	20.4	20.3	20.3	**20.2**
21.2	21.5	20.9	20.4	20.6	**21.8**	19.9	19.5	19.3	18.9	18.7	**18.4**	20.1
21.1	21.3	21.3	21.2	**21.7**	21.3	21.2	20.7	20.7	20.3	20.5	20.3	19.5
20	19.9	19.9	19.4	**18.2**	18.7	18.7	18.7	19	18.9	19	18.5	19.2
18.5	18.1	18	18.3	18.6	19.1	18.4	18.6	18.9	18.8	18.8	18.7	18.5
20.2	20.4	20.4	20	19.5	20	20.3	19.8	19.9	19.6	19.1	19.3	19.4
19.1	18	18.4	18.4	18	17.6	17.9	18	18	17.8	17.8	**17.3**	18.6
19.2	**20.1**	20	**20.1**	19.5	19.8	18.6	18.7	18.2	17.8	17.6	17.5	18.4
18.9	**19.2**	17.7	17.3	16.5	16.1	**16**	16.3	16.8	16.6	17	17.1	17.2
16.3	16.4	15.9	**15.8**	15.9	16	16.6	16.4	16.4	16.3	16.1	16	16.9
16	**17.1**	**17.1**	16.9	15.4	15.4	15.7	15.5	15.4	15.4	16	15.8	**15.9**
18	17.6	17.9	16.8	16.8	16.4	16.5	16.8	16.6	16.7	17.2	17.2	16.5
18.8	**20**	18.5	18.1	17.7	17.1	16.8	17.3	17.2	17.2	17.1	**16.7**	17.7
17.2	17.6	18.2	18.4	**18.7**	**18.7**	18.6	18.4	18.2	18.1	18.1	17.5	17.4
18.7	17.7	17.7	17.8	17.3	17.6	17.1	17	16.9	16.9	16.8	16.6	17.2
17.7	18	18.1	18.3	18.6	18.8	**19.1**	18.3	18.2	18.2	18.2	18.1	17.2
17.3	**16.7**	17.3	18.7	**19.2**	18.7	17.5	17.4	17.8	17.7	18	17.7	17.8
19	19.3	**19.9**	19.5	19.1	19	19.1	19	18.9	18.6	18.6	18.3	18.5
18.2	17.6	17.9	17.7	**16.6**	16.8	17.3	17.2	16.9	16.9	16.8	16.9	17.4
17.6	18	18.8	18.8	**19.2**	18.8	19	18.7	18.8	18.9	18.7	18.4	18
18.5	17.9	17.4	16.5	**15.7**	16.1	16.7	16.9	17	17.1	17	17	17.6
19.5	19.5	20.4	**20.7**	20.6	20.3	19.9	19.6	19.4	19.4	19	18.8	18.7
19.3	19.1	18.8	19.4	19.6	19.4	19.2	18.5	18.5	18.3	18.2	18	18.5
17.6	18.4	18.5	19	17.4	18.4	18.5	18.1	18.8	**19.3**	19	19.1	18
21.2	**21.8**	21.1	20.7	20.5	20.8	20.7	20.4	19.6	19.4	**19**	19.2	20.1
18.4	18.6	18.2	18.7	18.9	19	19	19	18.5	18.4	18.1	**17.8**	18.4
18.6	**18.8**	**18.8**	**18.8**	18.6	18.6	18.5	18.3	18.3	18.2	18.1	18	18.1

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E
2	----------	----------	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
3	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu.
4	Ci.-Cu.	Cu. ESE	A.-Cu.	Cu. ESE	Ci.	Cu. ESE	A.-Cu.	Cu. ESE	----------	N.-cf.
5	Ci.-S.	Cu. E	----------	N.-cf. E	A.-Cu.	Cu. E	Ci.-S.	Cu. E	----------	Cu.
6	Ci.-S.	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu.
7	Ci.	Cu.	----------	N.-cf.	----------	Cu. E	----------	Cu. E	----------	Cu.
8	A.-Cu.	Cu.	A.-Cu.	Cu. E	----------	Cu.-N. E	----------	N.-cf. E	----------	Cu.-N.
9	----------	Cu. E	----------	Cu. E	Ci.-S.	Cu. E	----------	Cu.-N. E	----------	Cu.-N.
10	----------	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu.-N. E	----------	Cu. E
11	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E
12	----------	Cu.-N. E	----------	Cu.-N. E	----------	N.-cf. E	Ci.-S.	Cu. E	----------	Cu.-N.
13	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.-N.
14	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N. E	----------	Cu. E	----------	N.-cf.
15	----------	N.-cf.	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu. E	----------	N.-cf.
16	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
17	Ci.-S.	S.-Cu.	Ci.	S.-Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E
18	Ci.-S.	Cu.	Ci.-S.	Cu. E	----------	Cu.-N. E	----------	Cu. E	Ci.	Cu.
19	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
20	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
21	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
22	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
23	A.-Cu.	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E
24	A.-Cu.	Cu.	A.-Cu.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E	----------	Cu.-N.
25	A.-Cu.	S.-Cu. E	A.-Cu.	Cu. E	----------	Cu. E	----------	Cu.-N. E	----------	Cu.-N.
26	----------	S.-Cu.	----------	S.-Cu.	----------	Cu.-N. E	----------	Cu. E	----------	Cu.-N. E
27	----------	Cu.	----------	Cu. E	----------	Cu.-N. E	----------	N.-cf. E	----------	Fr.-N.
28	A.-Cu.	S.-Cu.	A.-Cu.	Cu.	A.-Cu.	Cu. E	----------	Cu.-N. E	----------	Cu. E
29	----------	Cu.	----------	Cu.	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N.
30	A.-Cu.	Cu. E	----------	N. E	----------	N. E	Ci.-S.	Fr.-N.	----------	Cu.-N.
31	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	----------	Cu. E	----------	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	----------	Cu.	Ci.	Cu. ENE	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
2	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
3	Ci.-S.	Cu. EbyN	Ci.	Cu. EbyN	Ci.	Cu. EbyN	Ci.	Cu.	A.-Cu.	Cu. ENE
4	----------	Cu. ESE	Ci.-S.	N.-cf. E	Ci.-S.	N.-cf. E	A.-Cu.	Cu.	Ci.-S.	S.-Cu. E
5	Ci.-S.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu.	A.-Cu.	Cu.
6	----------	Cu. E	----------	Cu.	----------	Cu.-N.	----------	Cu.	A.-Cu.	Cu.
7	Ci.-S.	Cu.	Ci.-S.	Cu.	----------	Cu.	Ci.-S.	Cu.	----------	Cu.
8	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N. E	----------	Cu.-N. E	A.-Cu.	Cu.-N. E
9	Ci.-S.	N.-cf. E	Ci.-S.	N.-cf. E	Ci.-S.	N.-cf. E	Ci.-S.	N.-cf. E	Ci.-S.	N.-cf.
10	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu.
11	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
12	----------	Cu.-N. E	----------	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu.
13	----------	Cu.-N.	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu. E
14	----------	Cu. EbyN	----------	N.-cf. EbyN	Ci.-S.	N.-cf. ENE	----------	S.-Cu. ENE	----------	S.-Cu.
15	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	S.-Cu. E
16	Ci.	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu.	Ci.-S.	Cu.
17	Ci.	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E	Ci.	Cu.
18	----------	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu.	----------	Cu. E
19	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
20	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
21	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	A.-Cu.	Cu.
22	----------	Cu.	----------	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.
23	----------	Cu.-N.	----------	Cu.-N. E	----------	Cu. E	----------	Cu. E	----------	Cu.
24	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.
25	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu.-N. E
26	----------	Cu.	A.-Cu.	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu.
27	----------	Cu.-N.	----------	Cu.-N. E	----------	Cu.-N. E	Ci.-S.	Cu.	Ci.-S.	Cu.
28	Ci.-S.	Cu.	----------	Cu. E	----------	N.-cf. E	----------	Cu.	----------	Cu.
29	Ci.-S.	Cu. E	----------	Cu. E	----------	Cu. E	Ci.-S.	Cu. E	A.-Cu.	S.-Cu.
30	----------	Cu.-N.	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	A.-Cu.	Cu.
31	----------	Cu. E	----------	Cu. E	----------	Cu. E	Ci.	Cu.	Ci.	Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	ESE 1	Calm	ESE 1	E 1	ENE 1	Calm	NNE 1	Calm	Calm	WSW 2	W 3	WSW 3.5
2	E 1	ESE 0.5	SE .5	ENE .5	ENE .5	NE 1	Calm	NNE 0.5	NNW 1.5	WNW 1.5	WSW 2.5	WSW 2.5
3	NW .5	Calm	N .5	N 1.5	NNE 1	Calm	NNE 1	NNE 2	Calm	W 3	W 1	WNW 4.5
4	ESE 1	Calm	NE 1.5	Calm	NE 1	Calm	Calm	Calm	NNW 1	NW 4	NNW 1	Calm
5	ENE .5	ENE 1.5	Calm	ENE 1.5	ENE 1.5	Calm	Calm	Calm	Calm	Calm	SW 2.5	SSW 2.5
6	Calm	NNE 1	NNE 1.5	N 1.5	N 1.5	Calm	Calm	Calm	Calm	NW 3	NW 2.5	WNW 1.5
7	N 2	N 2	N 1	N 1.5	Calm	Calm	Calm	NE 2	Calm	Calm	NW 3	WNW 2.5
8	N 6	N 7	N 7.5	N 5	N 3.5	NNE 1.5	NNE 3	N 5	N 3	Calm	Calm	NW 1
9	N .5	NNW .5	NNW 1	NNW 1.5	NNW 1	Calm	Calm	Calm	Calm	NW 2.5	W 2	W 3
10	Calm	N .5	ENE 1.5	NE 1.5	NE 1	Calm	Calm	Calm	Calm	W 2	W 3.5	W 3.5
11	N .5	N 1.5	N 1.5	ENE 1	ENE 1	Calm	Calm	Calm	SE 2	ESE 1	WSW 2.5	WbyN 2
12	N 2	N 1.5	N 1	NNE 1.5	NNE .5	Calm	Calm	Calm	ESE 2.5	Calm	ESE 1	WNW 2
13	NE 1	Calm	Calm	N 1	N 1.5	Calm	Calm	Calm	Calm	SSE 2	ESE 1	ESE 3
14	NE 1	Calm	ENE 1	N 1.5	N 1	Calm	Calm	W 1.5	Calm	WNW 1.5	NNW 1	NNE 1
15	Calm	NNW 2.5	N 1.5	Calm	NNE .5	Calm	Calm	NNE .5	Calm	NE 1.5	NE 1.5	N 2.5
16	NNE 1.5	NNW 2	NNE 2	NNE .5	NNE 1.5	NNE .5	Calm	NbyE 1.5	Calm	Calm	WNW 4.5	WNW 4.5
17	N 2	E .5	E 1	E .5	N .5	NE 1	NE 1.5	Calm	N 2.5	NW 4.5	WNW 3.5	WNW 4.5
18	Calm	Calm	NE .5	Calm	NE 1.5	Calm	Calm	NNE 1.5	Calm	NNW 1.5	NNW 1	NW 4.5
19	NE .5	NE .5	N .5	NEbyE 1.5	NbyE 1.5	Calm	Calm	Calm	Calm	W 1	WNW 2	WNW 1.5
20	N .5	NE .5	NE 1	Calm	Calm	Calm	Calm	Calm	SSW 1	W 2.5	WSW 2.5	WSW 3
21	N 1	N .5	NE 1	NE .5	NE 1.5	Calm	Calm	Calm	Calm	WSW 2	WSW 3.5	WbyS 5
22	N 1	N .5	N 1.5	N 1.5	NE 1.5	Calm	Calm	Calm	Calm	ENE .5	WSW 1	WSW 2.5
23	Calm	NE 1	N .5	Calm	NE 1.5	Calm	Calm	Calm	Calm	SW 2	W 1.5	WSW 1.5
24	SE .5	Calm	N 1.5	NE .5	Calm	Calm	N 1	Calm	SSW 1.5	WSW 3.5	WSW 2.5	W 3
25	Calm	Calm	Calm	Calm	NE .5	Calm	Calm	NE 1.5	NE 1	WSW 2.5	W 3	W 3.5
26	NE .5	NE 1	NE 1	Calm	NE .5	Calm	Calm	ENE 4	E 3	E 5	E 1.5	ESE 4
27	E .5	E .5	Calm	Calm	Calm	E 1	Calm	E 1.5	Calm	W 2	NW 1.5	WNW 4
28	N .5	Calm	Calm	N 1.5	NE 1	Calm	Calm	Calm	Calm	SW 3	WSW 3.5	SW 2.5
29	ESE 1.5	E .5	ENE 1.5	NE 1	NE .5	Calm	Calm	Calm	Calm	SW 1	WNW 2	WNW 3
30	Calm	NE 1.5	NE .5	NE 1.5	E 1.5	Calm	Calm	Calm	Calm	S 1	Calm	WSW 3.5
31	NE 1.5	Calm	Calm	N 1	Calm	Calm	Calm	N 2.5	N .5	W 3.5	NW 4.5	WNW 4.5
Mean	0.9	0.9	1.1	1	1	0.2	0.2	0.8	0.6	1.9	2.1	2.9

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WNW 2	WNW 4	W 4	WSW 1	SSE 2.5	SE 3	SE 3.5	ESE 2	SE 1.5	SE 0.5	N 1.5	NE 0.5	1.6
2	WSW 3	WSW 1	SE .5	SE 1.5	SE 4	ESE 1.5	ESE 2	ESE 1.5	ESE 1.5	ESE .5	ESE .5	NNW .5	1.3
3	W 3.5	W 3	W 1.5	W 2.5	WNW .5	NE 3	ENE 1	E 1.5	E 1.5	ESE .5	ESE 1	ESE 1.5	1.5
4	SSE .5	NEbyE .5	E 1	E .5	E .5	ESE 1.5	Calm	ESE 1	ENE .5	Calm	Calm	Calm	.6
5	WSW 2.5	WSW 2.5	W .5	Calm	SE 1.5	SE 1	ESE 2.5	ESE 1.5	ESE 1.5	E 1	ENE 1.5	NE 1	1.1
6	W 2.5	WNW 3	W 1.5	SSE 1	SE 1	Calm	Calm	ESE .5	NNW 2.5	NNW 1.5	NNW 2	NNW 2.5	1.3
7	WSW 2	WSW 5	WSW 4.5	WSW 2	W 1	WSW 3.5	NNW 4.5	N 3.5	N 5.5	N 7.5	N 8.5	N 8	2.9
8	Calm	Calm	Calm	Calm	SSW 1	Calm	Calm	S 1.5	SE 1	Calm	NNW 1	NNW .5	2
9	W 3	NW 2.5	W 1	SE 4	ESE 2.5	ESE 3	ESE 2	SE 3	ESE 2.5	SE 1	E 1.5	ENE 1	1.6
10	W 2	SE 3	ESE 6	ESE 6.5	SE 3	ESE 2	ESE 3.5	ESE 2	ESE 2	ESE 2.5	ESE 1.5	SE 1.5	2
11	W 3	W 2	Calm	SSW 1	Calm	SEbyE 2.5	Calm	SE 2.5	ESE 1.5	NE .5	N 2.5	N 2	1.3
12	Calm	Calm	SW 1.5	SW 1	SE 3	SE 1.5	SE 1	ESE 2.5	ESE 2.5	Calm	NE .5	NE 1.5	1.1
13	W 2.5	SE 2	SE 2	ESE 1	EbyN 4.5	Calm	Calm	Calm	ESE 1	ESE 1.5	E 1	NE 1	1.1
14	SE 1.5	WSW .5	NE .5	ENE 4	E 3.5	NE 3	E 4	E 2.5	Calm	ESE 1	E 1.5	ENE 1	1.4
15	E 3.5	ENE 1.5	ENE 3.5	E 6	E 4	ENE 5.5	Calm	NE .5	N 1.5	NNE .5	NE .5	Calm	1.6
16	WSW 2	WSW 3	WSW 3.5	WSW 2	ENE 1.5	Calm	E 2	E 2	ENE 1.5	SEbyE 3.5	SE 2.5	Calm	1.8
17	WbyS 7	WbyS 4.5	WSW 3	EbyN 8	E 2	EbyN 2	ESE 2	ESE 1	ENE 1	SE 1	Calm	Calm	2.2
18	NWbyW 6.5	WSW 4.5	WSW 2	Calm	ESE .5	E 1	ESE 2	ESE 1.5	ESE 1.5	ESE 1.5	E .5	NE .5	1.4
19	WbyN 2.5	W 1.5	WSW .5	SE 4.5	SE 5.5	SE 5	SE 3.5	SEbyE 2	SE 1	Calm	N 1	N 1	1.5
20	WSW 3	WSW 2.5	W 2	SW 2	SE 1.5	SE 2	SE .5	SE 3	SE 1.5	SE 1.5	NE 1	Calm	1.3
21	WbyS 2	WSW 2.5	SW 1	SE 3.5	SE 6.5	SE 6.5	SEbyE 2	SE 2	SE 2	SE 2	SEbyE 1.5	NNE 2	2
22	SWbyW 2.5	SWbyW 3	SWbyW 3	SbyW 1	SE 3	SE 3	SE 2	ESE 1	SE 1.5	SE 1	Calm	Calm	1.3
23	SW 2	Calm	S 3	E 2.5	ESE 3	SE 1	SE 1	Calm	Calm	N 1	Calm	SE .5	.9
24	SW 2.5	SSE 3	S 2	NNW 1	E 1.5	E .5	Calm	Calm	SE 1.5	ESE 1.5	E 1.5	N .5	1.2
25	WSW 2	W 3	WSW 3	WSW 4.5	W 1	ESE 1	ESE 2	ESE 1.5	ESE 1.5	ESE 1	ENE 1.5	NE 1.5	1.5
26	ESE 1	ESE 2	ESE 6	ESE 4	ESE 1.5	ESE 2.5	ESE 1.5	ESE 1.5	E 1.5	ESE 2	SE 1.5	SE .5	1.9
27	W 1.5	ESE 4	ENE 4.5	NNE 3	NNW 3.5	NbyE 3.5	NNE .5	NNE 2.5	N 1	N 1.5	Calm	N .5	1.5
28	Calm	E 1	E 1	Calm	ESE 1.5	Calm	SE 1.5	ESE 1.5	ESE .5	Calm	Calm	NNW 1	.8
29	WNW 2.5	S 2	SE 2.5	E 1.5	E 2.5	ESE .5	ESE 1.5	ESE 2.5	NE 1.5	E 1.5	SE 1.5	E 1.5	1.4
30	WNW 3	WNW 1	NW 3.5	WNW 2.5	WNW 1	Calm	Calm	NNW 1.5	Calm	Calm	ENE .5	ENE .5	1
31	W 3.5	WSW 3	SSE 5.5	SE 6.5	SSE 8	SSE 4	SE 2	ESE 3	ESE 2.5	ESE 2	ESE 2	N .5	2.5
Mean	2.4	2.3	2.4	2.5	2.5	2	1.5	1.7	1.5	1.3	1.3	1.1	1.5

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	1	0	0	0	0	0	0	0	0	3.5	13	14
2	1	0	2	2	1	4	3	4	4.5	2.5	8.5	10.5
3	.5	0	.5	3.5	5.5	3	4.5	7	5.5	4.5	9.5	15
4	.5	.5	0	0	0	.5	2.5	4	2	4	7.5	1.5
5	0	0	0	0	0	.5	.5	0	.5	.5	2	4
6	1	0	1	1	1	0	0	0	0	5	9	9.5
7	9	7	6.5	1.5	.5	.5	.5	5	5.5	2	11	13
8	24.5	22.5	19	17.5	16	11	14	16.5	10.5	4	2	4
9	0	0	0	.5	1	0	0	0	0	4.5	9.5	9
10	4	1.5	0	0	.5	2.5	1.5	3	1	6	13.5	12.5
11	.5	1	1	3	2	1	0	0	2	6.5	8	15
12	8	4.5	2.5	1	1	1	1	2	4	8	8	6
13	0	0	0	0	0	.5	1.5	.5	.5	3	9	8.5
14	0	0	0	1	2	2.5	0	.5	1	.5	7	8
15	1	3	5.5	1.5	.5	4.5	3	3	1.5	5.5	15	13
16	0	1.5	1.5	2	1	.5	0	3.5	1.5	1.5	13	15
17	.5	1	.5	0	0	0	0	.5	5	5	17	20
18	0	0	0	1	0	1	0	3	4.5	1.5	7.5	15.5
19	0	.5	1.5	2.5	5	4.5	4	5	5.5	6	10.5	13
20	.5	0	0	0	0	0	0	0	0	1	13.5	12.5
21	0	0	0	1.5	1.5	0	0	0	1	3	12.5	12.5
22	4.5	1	3	1	2	1	0	1.5	.5	1	7	12
23	0	0	0	0	0	0	0	0	0	3.5	11	9
24	0	0	0	.5	0	0	0	0	1	7.5	11.5	12
25	0	.5	0	0	0	0	.5	1.5	.5	2	10.5	10.5
26	.5	.5	0	0	0	.5	0	1.5	3.5	10	17	12.5
27	1	0	0	0	0	2	.5	1	1.5	4	7.5	6.5
28	0	0	0	0	.5	.5	0	0	0	1	11.5	4.5
29	.5	.5	0	0	.5	0	0	0	0	2.5	6.5	8
30	.5	0	0	.5	.5	0	0	0	0	.5	1.5	4.5
31	0	.5	0	0	0	0	2	3	3	5	15.5	13.5
Mean	1.9	1.5	1.4	1.3	1.4	1.3	1.3	2.1	2.1	3.7	9.9	10.5

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	3	3	3	2	4	4	2	3	2	2	3	2	2.8	8	50
2	1	0	0	0	0	0	0	0	0	0	0	0	.1	9	10
3	3	0	0	1	3	4	4	4	4	4	5	4	3	8	25
4	5	4	6	7	10	10	9	9	9	9	8	7	7.8	1	15
5	8	9	10	10	9	10	9	8	9	9	8	8	8.9	0	10
6	7	3	7	8	9	7	5	3	3	3	4	2	5.1	7	50
7	3	2	10	10	5	2	2	2	2	2	2	6	4	6	15
8	10	7	5	10	10	10	10	10	10	10	9	7	9	1	25
9	8	9	9	8	10	10	10	10	10	10	9	9	9.3	2	25
10	3	1	2	4	7	6	6	5	4	4	3	7	4.3	7	15
11	2	0	0	4	4	5	2	1	1	0	0	1	1.7	8	50
12	10	10	10	10	10	10	9	4	4	3	2	0	6.8	4	40
13	10	2	1	0	3	10	10	9	8	8	7	5	6.1	4	30
14	7	10	10	10	8	10	8	9	10	9	9	8	9	1	10
15	10	10	10	10	7	10	9	9	10	10	8	9	9.3	2	45
16	4	5	4	5	7	5	4	2	6	8	9	2	5.1	6	35
17	5	6	6	5	5	6	4	5	4	8	3	2	4.9	7	05
18	8	10	9	10	6	4	6	4	3	4	7	7	6.5	6	35
19	1	1	0	0	1	4	2	2	2	2	1	0	1.3	8	55
20	1	1	1	1	1	1	1	0	0	0	0	1	.7	9	00
21	1	1	0	0	1	0	0	0	1	1	2	4	.9	9	20
22	1	0	0	0	0	1	1	1	4	5	1	0	1.2	8	10
23	3	3	1	3	8	9	9	10	8	6	3	2	5.4	4	25
24	5	6	7	8	7	10	9	9	9	9	6	9	7.8	2	15
25	4	9	7	8	8	8	3	5	3	5	10	9	6.6	5	55
26	4	6	9	8	8	9	7	7	2	2	2	1	5.4	6	25
27	4	3	4	8	10	10	10	10	10	8	9	10	8	3	25
28	6	5	5	8	10	9	8	5	9	4	3	2	6.2	4	00
29	9	3	3	10	10	10	9	9	10	9	7	7	8	2	05
30	10	9	10	10	10	10	10	10	10	10	7	10	9.7	1	00
31	5	6	6	5	6	8	6	5	5	5	3	3	5.2	8	50
Total														168	55
Mean	5.2	4.6	5	5.9	6.4	6.8	5.9	5.5	5.5	5.5	4.8	4.6	5.5	5	27

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
15	13	11	6	10	12	10	7	5	3	2	3	5.4
11	11	6	13	15.5	13.5	8	7.5	4.5	1	0	1	5.6
13.5	12.5	11	6	2	5	4.5	2	1.5	2	1	0	5
3	4	6	7	6	4	1	0	0	1	0	0	2.3
7	5	3	.5	2.5	4	4.5	.5	2	1	0	1	1.6
14.5	12	7	4	2.5	1.5	.5	0	1.5	3	3.5	6	3.5
12	13.5	11	10.5	8.5	9	10	12.5	19.5	22.5	27.5	25.5	10.2
.5	1	2	2.5	3.5	1	0	0	0	.5	0	.5	7.2
4	7	3.5	8.5	13	8	7	8	6.5	2.5	3	3	4.1
12	14	20	18	17	9	9	9	7	6	6	3	7.3
16	13	8	4	5	6	6	7	4	1	10	10	5.4
4	2.5	6.5	5.5	6.5	7.5	7.5	7	3	.5	.5	0	4.1
8	5.5	12	11	9	5	1.5	.5	2	3.5	1	1	3.5
7	8	2	10	11	11	18	9	1.5	3.5	7	1	4.6
15.5	19.5	21	14	15	7	5	0	0	0	0	0	6.4
13	13.5	12.5	8.5	7.5	10	5	7	5	6	7.5	1	5.7
15	12	7.5	5	13.5	7.5	6.5	5	3	2	0	0	5.3
18	18	10	6	10.5	13	6.5	7	4.5	5.5	3	0	5.7
12	10	7	10	13	13	12	9.5	4	.5	.5	0	6.2
14	13	7.5	4.5	5	8.5	5	7	7.5	1.5	.5	0	4.2
14.5	7.5	5.5	10.5	15	14	9	10	6.5	7	5.5	2.5	5.8
12	11	7	3	8	11.5	6.5	5	2.5	0	0	0	4.2
7	1	4	3.5	9	7	3.5	.5	0	0	0	0	2.5
10	4	9	3	2.5	5	3	0	1.5	4	3	0	3.2
13	13	11	12	5	7.5	6.5	4.5	5	2.5	.5	2	4.5
16.5	18	20	18	18.5	7	6.5	4	6.5	4.5	3.5	1	7.1
6	8.5	10	9.5	12.5	13	8	5.5	1	0	0	0	4.1
4.5	3.5	9	4.5	1	5.5	5.5	3.5	1	0	.5	0	2.4
6.5	4.5	8	9.5	7	7.5	3.5	6.5	7	1.5	2	.5	3.4
8	6	5	8	7	3	.5	0	0	1	0	1	2
13	10	14.5	17.5	16.5	13.5	10	10	10.5	7.5	6	3.5	7.3
10.5	9.5	9	8.2	9	8.1	6.1	5	4	3	3	2.1	4.8

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	1	1	1	1	1	3	4	1	------	------	------	3	2	2	------	------	4	128.5	3.8	------
2	------	1	1	2	1	7	4	------	------	------	------	4	------	1	------	2	1	135	4.5	------
3	2	3	1	1	2	3	------	------	------	------	------	------	6	2	1	------	3	120	4.2	------
4	------	------	2	2	3	3	------	1	------	------	------	------	------	------	1	2	10	55	3.2	------
5	------	------	1	5	1	3	2	------	------	1	1	2	1	------	------	------	7	39	2.9	------
6	2	2	------	------	------	1	1	1	------	------	------	------	2	2	2	4	7	83.5	4	------
7	9	------	1	------	------	------	------	------	------	------	------	5	1	1	1	1	5	244	5.7	------
8	7	2	------	------	------	------	1	------	1	1	------	------	------	------	1	2	9	173	1.5	0.8
9	1	------	------	1	1	4	3	------	------	------	------	------	4	------	2	4	4	98.5	3	------
10	1	------	2	1	------	8	3	------	------	------	------	------	4	------	------	------	5	176	.8	------
11	5	------	1	2	------	2	3	------	------	1	------	1	2	1	------	------	6	130	4	------
12	3	2	2	------	------	4	3	------	------	------	2	------	------	1	------	------	7	98	3.1	.1
13	2	------	2	------	2	5	2	1	------	------	------	------	1	------	------	------	9	83.5	2.8	------
14	2	1	3	3	4	1	1	------	------	------	------	1	1	1	------	1	5	111.5	3.7	------
15	3	3	4	3	3	------	------	------	------	------	------	------	------	------	------	1	7	154	3.3	------
16	------	6	------	2	2	------	2	------	------	------	------	4	------	2	------	1	5	137.5	4.7	------
17	3	------	2	1	6	2	1	------	------	------	------	1	2	2	1	------	3	126.5	4.6	------
18	------	1	3	------	2	5	------	------	------	------	------	2	------	------	2	2	7	136	4.2	------
19	3	1	2	1	------	------	6	------	------	------	------	1	2	3	------	------	5	149.5	4.3	------
20	1	------	3	------	------	------	6	------	------	1	1	4	2	------	------	------	6	101.5	4	------
21	2	1	3	------	------	------	8	------	------	------	1	3	2	------	------	------	4	139.5	5.2	------
22	4	------	1	1	------	1	5	------	------	1	------	5	------	------	------	------	6	101	4.7	------
23	2	------	2	------	1	1	3	------	1	------	2	1	1	------	------	------	10	59	3.2	------
24	3	------	1	------	3	1	2	1	1	1	1	2	1	------	------	1	6	77.5	3.6	------
25	------	------	4	1	------	5	------	------	------	------	------	4	4	------	------	------	6	108.5	3.9	------
26	------	------	4	1	4	10	2	------	------	------	------	------	------	------	------	------	3	170	5.1	------
27	3	4	------	1	4	1	------	------	------	------	------	------	2	1	1	1	6	98	2	.3
28	2	------	1	------	2	3	1	------	------	------	2	1	------	------	------	1	11	56.5	3.1	------
29	------	------	3	1	5	4	2	------	1	------	1	------	------	3	------	------	4	82.5	2.7	.9
30	------	------	3	2	1	------	------	------	1	------	------	1	------	4	1	1	10	47.5	.5	3.5
31	4	------	1	------	------	4	2	3	------	------	------	1	2	1	1	------	5	175	4.1	------
Total	65	28	54	32	48	81	67	8	5	6	11	46	42	27	14	24	186	3,595.5	110.4	5.6
Mean	2.1	0.9	1.7	1	1.5	2.6	2.2	0.3	0.2	0.2	0.4	1.5	1.4	0.9	0.5	0.8	6	116	3.6	0.2

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	762. 75	9. 10a.	31. 1	3. 40p.	95	18. 9	759. 70	3. 30p.	18. 4	6. 15a.	59	15. 4
2	63. 10	9. 00a.	31. 5	3. 05p.	93	18. 2	59. 50	3. 15p.	17. 8	6. 35a.	54	14. 9
3	62. 85	9. 10a.	30. 9	3. 40p.	91	19. 6	60. 20	3. 10p.	19. 2	6. 15a.	57	15. 9
4	63. 55	8. 25a.	29. 9	0. 50p.	94	18. 8	60. 90	2. 45p.	19. 5	6. 10a.	57	16. 1
5	63. 35	8. 20a.	30. 3	0. 50p.	94	21	60. 25	3. 05p.	21. 8	6. 45a.	**67.5**	18. 2
6	62. 70	8. 50a.	32. 2	3. 35p.	96	21. 3	59. 35	3. 10p.	21. 9	6. 50a.	61	18. 9
7	**62.10**	8. 55a.	31. 7	3. 10p.	95	**21.8**	**58.55**	3. 05p.	22. 7	5. 30a.	64	18. 4
8	62. 40	8. 25a.	28. 6	10. 35a.	97	21. 7	60. 10	3. 05p.	**23.3**	11. 00p.	67	17. 2
9	62. 90	9. 30a.	30	11. 45a.	96	20. 2	60	2. 40p.	21. 5	6. 30a.	62	18. 2
10	63. 57	9. 00a.	**32.6**	1. 55p.	93	19. 4	60. 40	3. 15p.	20. 8	6. 40a.	51	17. 7
11	63. 95	8. 40a.	31. 7	3. 40p.	96	21. 2	60. 65	4. 10p.	20. 5	6. 25a.	61	17. 6
12	63. 70	11. 00p.	30. 9	3. 25p.	95	20	60. 95	3. 25p.	22	4. 40a.	58	17. 3
13	64. 40	10. 00p.	30. 6	11. 35a.	94	20. 1	62. 14	3. 00p.	20. 5	5. 25a.	64	16. 8
14	65. 05	10. 15a.	29. 3	1. 25p.	96	19. 2	62. 20	2. 20p.	19. 5	2. 50a.	64	16
15	65. 70	10. 10a.	30	2. 15p.	92	18. 4	62. 80	3. 35p.	19. 4	11. 50p.	56	15. 8
16	65. 99	9. 00a.	30. 2	2. 20p.	96	**17.1**	**63.06**	3. 00p.	**17.5**	6. 30a.	54. 5	15
17	**66.20**	8. 45a.	31. 5	3. 20p.	92	18	62. 80	3. 35p.	18. 1	5. 55a.	57	15
18	65. 85	8. 20a.	31. 3	3. 10p.	91	20	62. 55	4. 35p.	21. 1	3. 15a.	59	16. 7
19	64. 20	8. 45a.	31. 4	3. 25p.	94	18. 7	60. 75	3. 15p.	19. 5	7. 05a.	56	15. 9
20	62. 80	8. 25a.	30. 9	3. 55p.	94	18. 7	59. 40	3. 45p.	19. 7	6. 20a.	56	16. 1
21	63. 05	8. 35a.	32. 2	3. 15p.	91	19. 1	59. 85	3. 05p.	18. 5	6. 40a.	55	**14.8**
22	64. 05	8. 55a.	32. 4	2. 55p.	93	19. 2	60. 33	3. 00p.	20. 8	6. 55a.	**50.5**	16. 7
23	63. 35	8. 20a.	30	0. 35p.	94. 5	19. 9	60. 10	3. 30p.	20. 4	4. 55a.	64	17. 3
24	62. 60	9. 10a.	29. 7	11. 25a.	91	18. 4	59. 80	3. 20p.	20. 2	6. 20a.	62	16. 6
25	64. 03	9. 00a.	31. 4	3. 20p.	**90**	19. 2	60. 30	3. 50p.	21	3. 20a.	56	16. 9
26	63. 85	9. 15a.	32. 5	1. 50p.	95	19. 4	60. 30	3. 15p.	21. 1	6. 50a.	51	15. 7
27	62. 90	8. 50a.	31	2. 35p.	98	20. 7	60. 20	2. 55p.	20. 2	5. 25a.	66	16. 7
28	62. 85	9. 30a.	31. 4	2. 45p.	**99**	19. 9	59. 75	3. 35p.	19. 6	4. 50a.	61	16. 8
29	63. 05	10. 05a.	30. 5	2. 25p.	96	19. 3	60. 45	2. 35p.	19. 8	5. 50a.	61	16. 6
30	63. 30	9. 20a.	**27**	2. 50p.	97	**21.8**	61. 12	3. 00p.	21. 5	11. 35p.	82	**19**
31	63. 30	8. 50a.	32. 2	2. 55p.	**99**	19. 3	60. 35	3. 55p.	19. 8	5. 45a.	52	17. 8
Mean	763. 66	--------	30. 9	--------	94. 4	19. 6	760. 61	--------	20. 2	--------	59. 5	16. 7

DAILY GENERAL REMARKS.

1----Fair weather.
2----As yesterday.
3----Do.
4----Overcast.
5----Convergence of Ci. toward WNW early in the morning.
6----Cloudy weather.
7----As yesterday.
8----p° 12.37 p. m.
9----Slight coloration of upper clouds at sunrise.
10----Cloudy weather.
11----⌓ early in the morning.
12----●° in the morning.
13----d° in the afternoon.
14----Overcast.
15----d°,⌒ in the morning.
16----Cloudy weather.
17----Somewhat gusty W and Ely winds in the afternoon.
18----Cloudy weather.
19----Fair weather.
20----As yesterday.
21----Do.
22----Do.
23----Cloudy weather.
24----Overcast.
25----Cloudy weather.
26----As yesterday.
27----d in the afternoon.
28----Cloudy weather.
29----● in the afternoon.
30----d in the morning; ● in the afternoon.
31----Somewhat gusty SEly winds in the afternoon.

OBSERVATIONS FOR FEBRUARY, 1915.

ATMOSPHERIC PRESSURE, 700^{mm}+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	62.35	62.15	62.05	62.25	62.25	62.59	62.93	63.15	**63.32**	63.09	62.74	62.17
2	61.70	61.45	61.30	61.40	61.55	61.69	62	62.45	**62.59**	62.42	62.07	61.43
3	60.40	60	59.50	59.60	59.90	60.28	60.80	61.34	**61.67**	61.53	60.87	60.49
4	60.45	60.25	60.15	60.20	60.55	60.76	61.05	61.46	**61.74**	61.42	61.22	60.67
5	61.10	61	61	61.25	61.50	62.18	62.39	62.68	**62.85**	62.69	62.02	61.27
6	61.30	61.15	61.05	61.20	61.40	61.75	62.09	62.43	**62.79**	62.67	62.34	61.57
7	60.75	60.50	60.35	60.45	60.60	60.93	61.25	61.54	**61.94**	61.83	61.62	61.09
8	61.30	61.10	60.95	61.10	61.25	61.69	62.25	62.70	**63.09**	63.04	62.52	61.64
9	61.65	61.45	61.35	61.45	61.70	61.99	62.55	63.04	**63.38**	**63.38**	62.72	62.18
10	61.15	60.95	60.85	60.95	61.25	61.54	61.90	62.33	**62.75**	62.49	61.78	61.11
11	60.15	59.85	59.65	59.70	59.90	60.19	60.60	61.12	**61.32**	61.26	60.85	60.28
12	60.65	60.40	60.30	60.25	60.45	60.55	61	61.52	61.72	**61.77**	61.42	60.78
13	60.75	60.50	60.25	60.20	60.40	61.02	61.39	61.84	**62.07**	62.02	61.64	60.87
14	60.40	60.15	**60.10**	60.25	60.65	61.04	61.60	62.17	62.70	62.69	62.32	61.82
15	62.70	62.55	62.50	62.70	62.90	63.23	63.74	**64.16**	64.10	64.05	63.58	62.87
16	62.55	62.60	62.40	62.50	62.70	63.19	63.70	63.86	**64.02**	63.92	63.27	62.52
17	61.95	61.80	61.60	61.70	61.85	62.34	63	63.49	63.93	**63.97**	63.45	62.73
18	61.50	61.20	60.95	61	61.30	61.79	62.40	62.95	**63.40**	63.39	62.97	62.42
19	62.65	62.45	62.30	62.20	62.45	62.86	63.23	63.69	**64.04**	64.03	63.67	63.02
20	62	61.70	61.55	61.50	61.70	61.95	62.57	62.87	**63.25**	63.24	62.78	61.97
21	62.20	62.05	61.75	61.85	62.05	62.37	62.67	63.19	63.69	**63.83**	63.28	62.78
22	61.90	61.70	61.45	61.50	61.80	62.29	62.87	63.54	**63.74**	63.73	63.05	62.32
23	62.40	62.05	62	61.90	62.25	62.75	63.20	63.31	63.80	**63.83**	63.19	62.64
24	62.05	61.70	61.65	61.70	62	62.54	62.98	63.35	63.44	**63.47**	62.84	62.33
25	62.30	62.15	62.15	62.20	62.50	62.86	63.10	63.53	63.72	**63.73**	63	62.49
26	61.55	61.35	61.45	61.60	61.90	62.34	62.71	63.19	**63.24**	63.14	62.89	62.27
27	61.55	61.20	61.05	61.15	61.25	61.82	62.37	62.77	**62.95**	62.92	62.49	61.89
28	61.85	61.65	61.55	61.55	61.80	62.18	62.97	63.49	63.74	**63.77**	63.08	62.36
Mean	61.54	61.32	61.19	61.26	61.49	61.88	62.33	62.76	**63.04**	62.98	62.49	61.86

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22	21.2	20.8	20.3	19.8	**19.7**	**19.7**	23.3	26.9	29.5	30.1	30.8
2	22	21	20.3	20	19.7	19.4	**19.3**	23	27	29.1	30.3	30.9
3	21.8	20.6	20.4	19.6	19.6	**19**	19.4	23.1	27.2	29	30.6	31.1
4	19.8	19	18.5	18.4	18	**17.8**	18	22.3	27.1	28.8	30	30.4
5	20.8	20.4	20.4	19.9	**19.4**	19.6	19.7	22.9	27	28.8	29.5	30.7
6	21.1	20.6	20.3	19.9	19.3	**19**	19.5	22.3	25.6	26.2	27.6	28.8
7	21.9	21.5	20.9	20.2	20.1	**19.5**	19.9	23.8	28	29.2	28.5	29.1
8	23.1	21.7	20.8	20.7	20.5	**19.9**	20	24.5	27.5	29.6	30	31.2
9	22.9	22	21.5	20.9	20.1	**19.5**	20.2	24.1	28.2	30.4	31.4	31.9
10	22.1	21.6	**20.9**	21	21.1	21.2	21	23.7	26.6	28	30.3	30
11	22.6	21.9	**21.5**	22.7	23.1	23	23.2	24	27.6	28.5	27.5	28.2
12	25.6	25.4	24.9	24.5	24.3	**24**	24.1	26.1	28.2	27.2	29	29.1
13	24.9	24.6	23.8	23.1	22.3	**22.1**	22.6	26	28.7	28.7	27.3	29.5
14	23.9	23.3	22.4	21.5	20.7	**20.5**	**20.5**	24.8	27.6	29.4	28.3	29.1
15	22.2	20.7	19.9	19.3	**19.1**	20.1	20	24	28.9	30.8	32	32.8
16	21	20.6	20.5	20.2	20	**19.3**	19.6	24.2	28.6	29.8	30.5	31.8
17	20.2	19.8	18.9	18.7	18.4	**17.9**	19.5	23.1	27	28.2	27.2	28.3
18	21.5	20.5	19.7	19.2	18.6	**18.2**	18.3	23	26.8	26.5	28.2	27.5
19	21	20.3	20.2	20.1	20.1	**20**	20.6	24.6	27	27.5	28.7	28.8
20	24.5	24.1	23.9	23.5	**22.9**	23.1	23.4	24	25.8	27.6	26.4	28.8
21	24.4	24.1	24	23.3	23.1	23.1	23.7	24.2	24.3	25.7	27.4	26.8
22	22.4	22.8	22.1	**21.7**	**21.7**	22	22.8	24.3	27.7	28.6	**29.7**	29.2
23	24.4	23.9	23.7	22.4	22	**21.2**	22	23.7	26.2	27.5	29.8	30.5
24	24.1	22.7	21.9	21.2	20.3	**20**	20.5	24.6	29.3	30.9	31.2	31
25	23.3	23.7	21.9	20.7	20.3	**20.1**	20.5	24	27.1	26.6	27.6	30.6
26	20.8	20	19.6	19.1	19.2	**19**	19.5	24.3	28.3	30.1	27.7	29
27	22	21.1	21.2	20.5	**20.3**	21	21.8	23.9	27.5	28.3	28.3	29
28	23.2	22.7	22.3	21.8	**21.5**	21.9	22.4	24.8	26.5	28.1	29.1	30.2
Mean	22.5	21.8	21.3	20.9	20.6	**20.4**	20.8	24	27.3	28.5	29.1	29.8

ATMOSPHERIC PRESSURE, 700^{mm}+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
61.38	60.73	**60.46**	60.50	60.78	61.13	61.49	61.95	62.20	62.05	61.95	61.85	61.98
60.80	59.89	59.40	**59.33**	59.45	59.61	59.86	60.35	60.45	60.50	60.45	60.50	60.94
59.99	59.27	**58.89**	59.04	59.29	59.76	60.14	60.55	60.85	60.95	60.80	60.70	60.28
60.05	59.27	**59.01**	59.17	59.53	59.89	60.27	60.85	60.95	61.20	61.25	61.25	60.53
60.62	59.99	**59.81**	59.84	60.01	60.32	60.83	61.35	61.70	61.70	61.60	61.65	61.31
60.68	59.85	59.46	**59.36**	59.48	59.83	60.15	60.55	61	60.95	61.05	61	61.05
60.36	59.67	**59.22**	59.47	59.95	60.35	60.65	61.10	61.25	61.50	61.50	61.30	60.80
61.07	60.36	59.97	**59.72**	59.87	60.37	60.75	61.25	61.70	61.95	61.95	61.95	61.40
61.37	60.60	60.36	**60.25**	60.35	60.55	60.97	61.35	61.50	61.60	61.55	61.40	61.61
60.12	59.38	**59.05**	59.11	59.33	59.57	60.01	60.50	60.55	60.55	60.50	60.45	60.76
59.52	58.41	**58.11**	58.25	58.76	59.37	59.82	60.20	60.85	60.85	60.80	60.80	**60.03**
60.12	59.44	58.94	**58.91**	59.10	59.31	59.67	60.40	60.75	60.90	60.95	61.05	60.43
60.07	59.31	**58.73**	58.88	59.15	59.61	60.08	60.30	60.50	60.85	60.75	60.60	60.49
60.89	60.38	60.18	60.46	61.08	61.59	62.15	62.50	62.70	**62.95**	62.90	62.70	61.52
61.98	61.41	60.88	**60.78**	61.06	61.43	61.81	62.30	62.75	62.85	62.90	62.75	**62.58**
61.62	60.96	**60.57**	60.65	61.05	61.48	61.74	61.95	62.15	62.35	62.25	62.05	62.34
61.83	60.97	60.22	60.12	**60.10**	60.33	60.69	61	61.35	61.45	61.85	61.75	61.81
61.57	60.83	60.38	**60.33**	60.80	61.09	61.47	61.85	62.30	62.80	62.90	62.80	61.85
62.12	61.52	60.98	**60.85**	61.22	61.50	61.66	62.05	62.55	62.50	62.60	62.40	62.44
61.28	60.58	**60.27**	60.31	60.72	60.93	61.22	61.60	62.15	62.65	62.65	62.45	61.83
62.23	61.43	**60.82**	61.03	61.27	61.65	61.70	61.90	62.25	62.45	62.35	62.15	62.21
61.76	61.15	**60.57**	60.73	60.99	61.31	61.80	62.05	62.55	62.80	62.75	62.75	62.13
61.94	61.07	**60.56**	60.61	60.76	61	61.49	61.85	62.15	62.45	62.60	62.45	62.18
61.36	60.78	**60.21**	60.26	60.71	61.23	61.73	62.10	62.45	62.55	62.70	62.55	62.03
61.68	61	60.63	**60.60**	60.82	61.02	61.42	61.65	62	62.10	62	61.85	62.10
61.37	60.32	59.91	**59.82**	60.10	60.60	60.89	61.20	61.55	61.70	61.85	61.85	61.62
61.04	60.43	59.47	**59.43**	59.65	59.97	60.32	60.85	61.35	62	62.20	62.15	61.34
61.26	60.16	59.51	**59.33**	59.82	60.14	60.75	61.95	61.70	62.10	62.25	62.25	61.72
61.07	60.33	**59.88**	59.90	60.19	60.53	60.91	61.34	61.65	61.83	61.85	61.76	61.48

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
32.0	**32.7**	32.4	31.1	29.8	27.4	26.1	25.3	24.6	24.3	24	23.3	25.7
31.7	31.6	**32.1**	32	30.1	27.7	26.2	25.2	24.8	24.3	23.7	22.4	25.6
31.1	**32**	31.7	31.2	29.7	27	25.4	24.3	23.5	22.5	21.9	20.9	25.1
31.8	**32.3**	30.4	29.8	28.2	26.5	25.8	25.3	25	24.7	22.4	21.3	24.6
30.3	**31.8**	**31.8**	30.6	29.3	27.2	26.3	25.4	24.8	24.3	23.5	22.4	25.3
29.2	29.6	30.3	**30.8**	30.5	27.6	26.1	25.3	24.9	24.5	23.2	22.3	24.8
32.3	**32.6**	**32.6**	31.4	29.5	27.5	26.2	25.8	25.3	24.9	24	23.6	25.8
31.3	**32.1**	32	31.7	30.6	28.1	26.5	25.5	25.3	24	22.8	22.6	25.9
31.9	**32.5**	32.1	31.8	30.6	28.5	27.6	25.7	24.8	24.1	24.1	22.7	26.2
31.9	**32**	31.7	31.7	29.3	27.4	26	25	24.7	23.8	23.1	22.9	25.7
32.8	**32.8**	32.2	31.8	30.4	28.7	27.2	26.7	25.7	24.6	25.4	26	26.6
30.8	30.1	30.5	30.2	29.9	28.2	27.5	26.8	26.8	26.5	26.7	26.1	**27.2**
29.2	31.8	**32.1**	31	29.7	27.8	27.1	25.7	25.3	24.9	24.6	24.6	26.6
32.1	31.8	31.4	30.9	29.7	27.4	25.9	24.6	24.2	23.1	22.7	22	25.7
33	**33**	32	31	29.8	27.8	26.1	25.7	24.9	24.4	23.1	22	25.9
32.5	32.2	31.4	30.7	29.4	27.3	25.5	24.2	23.5	22.7	22.6	21.7	25.4
29.4	**30.5**	29.8	**30.5**	**30.5**	28	26.5	25.1	24.9	24.6	23.5	22	24.7
28.5	31	**31.4**	30.9	29.2	27.3	26	24.8	24.1	22.9	22.4	21.3	**24.5**
29.1	30	**30.2**	29.3	28.8	27.1	26.9	26.2	26.1	25.3	25	24.8	25.3
29.1	30.1	30.3	**30.9**	30.1	28	26.7	26.1	25	25.4	24.9	24.3	26.2
25	27	**28.9**	27	26.6	26.1	25.3	24.8	24.8	24.7	23.8	**23**	25
28.8	26.7	29	28.6	28.5	27.1	26.2	25.9	25.6	25.2	24.9	24.6	25.7
29.9	**32**	31.7	31.8	30.2	28.8	27	26.4	25.9	25.1	25	24.6	26.5
33.2	32.1	32.6	32.1	30.7	28.2	26.4	25.4	24.6	24.1	24	23.8	26.5
31.3	30.3	30.2	30.5	29.5	27.2	26	25	23.4	23	22.1	21.9	25.3
29.8	**33.1**	32.8	31.9	30.5	28	26.8	25.8	25	24.7	24.1	23.4	25.5
30.4	30.7	31.3	**31.4**	30.7	28.8	27.5	26.2	25.8	25.2	24.5	24.1	25.9
30.6	**31.4**	31	31.2	30	27.4	25.7	25.2	24.2	23.6	22.9	23.4	25.9
30.7	**31.3**	**31.3**	30.8	29.7	27.6	26.4	25.5	24.9	24.3	23.7	23.1	25.7

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	89	93	94	95	96	95	95	87	72	60	57.5	53
2	84	89	91	91	92	93	93	83.5	66	60	55	50
3	80	86	85	89	89	92	88	80	64	58	56	52
4	89	88	91	90	91	92	92	84	63	54	45	42
5	90	90	89	90.5	93	91	90	87	69	57	57	55
6	88	88	88	89	90	92	90	87	71	70	66	59
7	85	87	89	91	92	95	93	80	62	58	60	59
8	79	82	83	83	84	87	86	73	63	59	54	50
9	76	81	83	87	92	95	91	78	60	51	44	43
10	82	85	88	86	85	84	83	79	69	66	58	57
11	89	91	92	85	84	86	85	81	72	68	70	66
12	76	77	81	85	87	88	88	80	69	72	67.5	65.5
13	79	79	82	84	88	89	86	75.5	63	64	68	58
14	78	83	84	88	91	91	91	74	64	58	66	60
15	80	85	89	88	88	82	84	67	51	44	36	35.5
16	83	83	82	83	83	87	83	69	47	42.5	42	38.5
17	79	78	83	82.5	84	87	79	65	53	52.5	54	51
18	79	86	87	89	93	92	91	73	61	64	56	56
19	88	91	91	91	91	91	88	75	68	68	63	63
20	75	77	74	77	82	79	80	79	74	67	72	63
21	80	82	84	88	88	90	85	86	90	79	74	76
22	89	88	91	91	91	88	85	82	69	62	56	59
23	82	82	83	91	90	95	91	84	70	64	55	52
24	75	81	83	86	89	90	88	74	54	47.5	51	50
25	72	69	79	86	86	87	84	72	59	64	58	50
26	83	86	89	90	89	87	85	71	51	47	60	55
27	82	85	85	89	89	85	81	73	62	63.5	58	57
28	86	86	87	88	88	87.5	83	75	66.5	62	57	55
Mean	82	84.2	86	87.6	88.8	89.2	87.1	77.6	64.4	60.1	57.7	54.7

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	17.5	17.3	17.1	16.9	16.5	16.3	16.3	18.5	18.9	18.4	18.2	17.6
2	16.5	16.5	16.2	15.9	15.8	15.6	15.5	17.4	17.5	17.9	17.5	16.8
3	15.6	15.5	15.2	15.2	15	15.1	14.8	16.9	17.2	17.4	18.3	17.4
4	15.2	14.4	14.4	14.2	14	13.9	14.1	16.8	16.9	15.8	14.2	13.6
5	16.4	16	15.8	15.6	15.6	15.5	15.4	18	18.2	16.7	17.4	18.1
6	16.4	15.9	15.6	15.3	15	15.1	15.2	17.4	17.2	17.8	18.1	17.3
7	16.6	16.5	16.3	16.1	16.2	16	16.1	17.5	17.4	17.4	17.3	17.7
8	16.5	15.8	15.2	15.1	15.1	15	14.9	16.7	17.2	18.1	17.1	17
9	15.8	16	15.8	16	16.2	16	16.1	17.3	16.9	16.3	15	15
10	16.3	16.2	16.2	16	15.9	15.8	15.5	17.2	17.9	18.6	18.5	18.1
11	18	17.8	17.5	17.5	17.7	18	18	18.1	19.7	19.8	19	18.8
12	18.5	18.7	19	19.4	19.7	19.5	19.6	20.1	19.6	19.2	20	19.6
13	18.4	18.2	18	17.7	17.7	17.6	17.5	18.8	18.5	18.9	18.2	17.8
14	17.2	17.6	17	16.8	16.6	16.4	16.4	17.2	17.5	17.7	18.9	17.9
15	15.9	15.5	15.3	14.7	14.5	14.4	14.6	14.9	15.1	14.6	12.6	13.2
16	15.5	15	14.8	14.7	14.5	14.4	14.1	15.5	13.6	13.3	13.5	13.4
17	13.9	13.3	13.4	13.2	13.3	13.3	13.4	13.7	14.1	14.9	14.5	14.5
18	15.1	15.4	14.8	14.8	14.8	14.3	14.2	15.2	16	16.5	15.8	15.4
19	16.3	16.2	15.9	15.8	16	15.7	15.9	17.3	18.1	18.6	18.5	18.6
20	17.1	17.1	16.4	16.6	17	16.5	17	17.5	18.2	18.4	18.4	18.5
21	18.2	18.4	18.6	18.7	18.4	18.8	18.6	19.4	20.3	19.4	20.1	19.9
22	18	18.1	18	17.5	17.5	17.4	17.6	18.6	19.1	18	17.3	17.8
23	18.5	18.1	18.1	18.3	17.7	17.7	17.9	18.3	17.8	17.5	17.1	16.8
24	16.8	16.6	16.2	16.2	15.7	15.6	15.8	17	16.4	15.8	17.4	16.7
25	15.4	15	15.4	15.6	15.2	15.2	15.1	16	15.6	16.6	15.9	16.2
26	15.2	14.9	15	14.9	14.8	14.3	14.3	16.1	14.5	14.8	16.5	16.2
27	16.2	15.9	16	15.9	15.7	15.8	15.8	16	17	18.2	16.7	17
28	18.2	17.6	17.4	17.1	16.8	17.1	16.8	17.6	17.1	17.5	17.1	17.6
Mean	16.6	16.4	16.2	16.1	16	15.9	15.9	17.2	17.3	17.3	17.1	16.9

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
49	46	**43**	48	55	63	69	74	75	77	77	81	72.6
48	46	44	**42**	51.5	60	67	67	68	71	73	79	69.3
46	**40**	41	44	47.5	56	60	64.5	69	77	80	83	67.8
38	**35.5**	47.5	52	65.5	72	75	77	73	74	83	89	70.9
58	50	**49**	52.5	56	65	68	70	72	73	78	82	72.2
55	52	50.5	**47**	51	61	68	72	72.5	75	82	84	72.8
46	47	**46**	48.5	52	57	64	66	68	69.5	75	76	69.4
48	41.5	**41**	**41**	44.5	50	58	64	65	72	78	78	65.2
42	**40**	42	44	53	58.5	62	71	75	75	74	82	66.6
50	50	**49**	49.5	57	64	71	76	76	81	85	86	71.5
49	**48**	**48**	50	52	61	68	68	74	82	77	75	71.7
58	60	60	62	60	68	70	74	69	69	67	70	71.8
62	52	**49**	52	53	61	64	70	73	72.5	75	74	69.7
46	**45**	46.5	46.5	52	60	66	68	71	76	77	81	69.3
38	38	39	44	46	55	60	60	63	65	71	78	61.9
38	39	40	41	44	49	57	61	64	66	66	70	**60.8**
48	46	49	49.5	**41**	51	54	63	67	66	71	79	63.9
55	44	**41**	43	51	59	65	72	74	80	82	86	70
62	59	**58**	60.5	61	71	72	76	74	77	72	71	74.2
63	59	56	**54**	57	65	71	74	80	74	77	81	71.2
87	75	**65**	72	77	82	84	86	86	82	85.5	89	**82.2**
61	72	64	64	67	74	81	76	77	80	80	82	76.2
52	**47**	**47**	**47**	49	55	63	67	70	73	72	72	68.9
42	45	42.5	**42**	43	51	57	63	67	70	69	69.5	63.7
48	54	53	54	55	62	65	68	76	77	80	79	68.2
51	**37.5**	39	44	46	56	60	65	69	71	74	77	65.9
50	51	**47**	50	57	61	66	73	75	76.5	80	82	69.9
52.5	46.5	43	**37**	**37**	48	58	63	69	75	79	75.5	66.9
51.5	48.8	**47.9**	49.3	52.9	60.6	65.8	69.6	71.8	74.2	76.4	79	69.5

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
17.4	17	**15.6**	16.3	17.2	17.1	17.3	17.6	17.3	17.3	17	17.2	17.2
16.8	16	15.7	**15**	16.3	16.7	16.9	15.9	15.8	16.1	16	15.9	16.3
15.5	**14.2**	14.4	14.7	14.7	14.8	14.4	14.6	14.9	15.5	15.6	15.3	15.5
13.3	**12.8**	15.4	16.1	**18.6**	18.5	18.4	18.5	17.3	17.1	16.8	16.8	15.7
18.5	17.4	17.1	17.1	17	17.4	17.4	16.9	16.7	16.5	16.8	16.6	16.8
16.7	16.1	16.2	15.5	16.6	16.7	17.1	17.3	17	17.1	17.3	16.8	16.5
16.5	17	16.9	16.6	15.9	**15.6**	16.2	16.3	16.4	16.3	16.7	16.4	16.6
16.3	14.7	14.6	14.4	14.5	**14.1**	14.9	15.6	15.5	16	16	16	15.7
14.8	**14.4**	14.9	15.5	17.3	16.9	17.1	**17.4**	**17.4**	16.8	16.6	16.8	16.2
17.5	17.6	17	17.2	17.2	17.4	17.7	18	17.6	17.6	17.9	17.8	17.2
18.3	17.9	17.3	17.5	**16.9**	17.7	18.1	17.7	18.1	18.8	18.7	18.7	18.2
19.2	19.2	19.5	19.7	18.9	19.2	19	19.3	18	17.8	**17.5**	17.7	19.1
18.8	18.2	17.6	17.5	**16.4**	17	17	17.2	17.4	17	17.2	17	17.7
16.4	15.6	15.9	**15.4**	16	16.3	16.4	15.8	15.8	16	15.7	16	16.6
14.1	14.1	13.9	14.6	14.3	15.2	15.2	14.7	14.7	14.7	15	15.3	14.6
13.7	14.1	13.5	13.6	**13.3**	**13.3**	13.8	13.6	13.8	13.6	13.5	13.6	**14**
14.7	15	15.4	**16.1**	13.4	14.4	13.9	14.9	15.8	15.1	15.2	15.5	14.4
15.8	14.8	**13.9**	14.3	15.2	15.8	16.3	**16.7**	16.6	16.6	16.6	16.3	15.5
18.4	18.5	18.4	18.3	18.1	18.9	18.9	**19.1**	18.6	18.5	16.9	16.5	17.6
18.8	18.6	18.1	17.9	18	18.3	18.4	18.6	**18.9**	17.9	18	18.2	17.8
20.4	20	19.3	19.2	20	**20.7**	20.2	19.9	19.9	18.9	18.7	18.5	**19.4**
18.1	18.8	19.1	18.6	19.4	19.7	**20.4**	18.9	18.7	19	18.8	18.8	18.5
16.3	16.5	16.3	16.4	**15.7**	16.2	16.6	17.1	17.4	17.4	16.9	16.6	17.2
15.7	15.8	15.5	15.1	**14.1**	14.4	14.7	15.1	15.4	15.6	15.3	15.2	15.8
16.5	17.3	17	**17.6**	16.9	16.6	16.3	16	16.3	16.1	15.8	15.4	16
16	**14.1**	14.3	15.4	14.8	15.8	15.8	16.1	16.2	16.4	**16.6**	16.5	15.4
16.1	16.7	15.9	17	**18.6**	17.8	17.9	18.5	**18.6**	18.2	18.3	18.4	17
17.1	15.9	14.5	12.4	**11.8**	13	14.2	15	15.5	16.2	16.3	16.2	16.1
16.7	16.4	16.2	16.2	16.3	16.6	16.8	16.9	16.8	16.8	16.7	16.6	16.6

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	----------	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E
2	Ci.	Cu.	----------	Cu.	----------	Cu. E	----------	Cu.	----------	Cu.
3	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. EbyN	----------	Cu.
4	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
5	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
6	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
7	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu. EbyS	----------	Cu. E
8	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E
9	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E
10	----------	Cu.	----------	S.-Cu.	Ci.	Cu. E	Ci.	Cu. E	A.-Cu.	Cu. E
11	----------	S.-Cu. EbyS	----------	Cu. E	----------	N.-cf. E	----------	Cu. E	----------	Cu. E
12	A.-Cu.	S.-Cu.	A.-Cu.	Cu. E	----------	Cu.-N. E	----------	Cu. E	A.-Cu.	Cu.-N.
13	Ci.	S.-Cu.	Ci.	S.-Cu.	Ci.	Cu. E	----------	Cu.-N. E	Ci.	Cu. E
14	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu.
15	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
16	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
17	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu.
18	----------	Cu.	A.-Cu.	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E
19	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu.
20	----------	N.-cf. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E	----------	Cu.	----------	Cu.
21	----------	Cu.-N E	----------	Cu.-N. E	Ci.-S.	N.-cf.	Ci.-S.	Cu. E	----------	N.-cf.
22	----------	S.-Cu.	A.-Cu.	S.-Cu.	----------	Cu. E	----------	Cu.-N. E	----------	Cu.-N.
23	A.-Cu.	Cu.	A.-Cu.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
24	----------	Cu.	----------	Cu.	----------	Cu.	----------	Fr.-Cu.	----------	Cu.
25	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu.-N. E	----------	Cu.-N. E
26	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
27	A.-Cu.	Cu.	Ci.-S.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
28	A.-Cu. ENE	Cu.	A.-Cu. ENE	Cu.	A.-Cu.	S.-Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.
2	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	Ci.	Cu.
3	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
4	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
5	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
6	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
7	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
8	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
9	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
10	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
11	Ci.	Cu. ENE	Ci.	Cu. ENE	Ci.	Cu.	----------	Cu.	----------	Cu.
12	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.-N. E	----------	Cu.
13	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu.
14	Ci.	Cu. ENE	Ci.	Cu. ENE	Ci.	Cu. ENE	Ci.	Cu.	Ci.	Cu.
15	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
16	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
17	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E
18	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
19	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
20	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE	Ci.-S.	Cu.	Ci.	Cu.
21	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N. E
22	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.
23	Ci.-S.	Cu.	Ci.-S.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu.	A.-Cu.	Cu.
24	Ci.	Cu. ENE	Ci.	Cu. ENE	----------	Cu.	----------	Cu. ENE	----------	Cu.
25	----------	Cu.	----------	Cu.-N. E	----------	Cu.-N. E	----------	N.-cf. E	----------	Cu.
26	----------	Cu.	----------	Cu.	----------	Cu.	Ci.	Cu.	Ci.	Cu.
27	Ci.	Cu.	Ci.	Cu.	----------	Cu.	Ci.	Cu.	A.-Cu.	Cu.
28	Ci.	Cu. NE	Ci.	Cu. NE	----------	Cu. NEbyE	----------	Cu.	----------	Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	N 1.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ENE 1	E 3	ESE 2.5	SE 3.5
2	NE 1	NE 0.5	NE 1	NNE 1	E 1	Calm	Calm	NE 1.5	ESE 2.5	SE 3.5	SE 4	SEbyE 2.5
3	NE .5	NE 1	E 1.5	E .5	Calm	NE 1.5	Calm	NE 1.5	NE 1.5	E 2.5	SE 5	SE 6
4	E .5	E .5	ENE 1	E 2	E 1	Calm	Calm	ESE 1.5	ESE 2	SE 2	ESE 3.5	SSE 1.5
5	NE .5	NE 1	NE .5	NE 2	NE 1	ESE 1	Calm	Calm	SSW 2	ESE 6	Calm	SE 2.5
6	NE 1.5	NE 1.5	NE .5	E .5	NE .5	Calm	Calm	Calm	Calm	WSW 2.5	W 4	W 3.5
7	E .5	E 1	E .5	NNE 1	Calm	NNE .5	NNE 0.5	NE .5	Calm	EbyN 3	WNW .5	WNW 2
8	E 2	ENE .5	NE .5	NE 1	Calm	NE 1.5	NE 1.5	NE 1	NNE 1	ESE 5	ESE 4	SE 1.5
9	E 2.5	NNE 1	NE 1	NE .5	Calm	NNE 1	Calm	NNE 1	E 3.5	E 6	E 3	E 4.5
10	NE .5	E .5	Calm	NNW 1	N 1.5	NNW 1	Calm	Calm	SE 3	ESE 5.5	ESE 4.5	ESE 6.5
11	ENE .5	ENE 1	NNE 1.5	N 1.5	N 1.5	NNW 1	Calm	NNW 1	WNW 2.5	WNW 2.5	W 5.5	WbyN 1
12	E 3.5	NE 2	NE .5	SE 1.5	ESE 1.5	E 2	Calm	NNE 1.5	NW 4	WNW 2.5	W 2.5	WSW 3
13	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NE 2.5	W 3.5	W 4	WSW 2
14	ESE 1.5	ESE 1.5	NE 1	N .5	N 1	Calm	Calm	Calm	Calm	WNW 3	W 2	WSW 3
15	SE 2	NE 1	E 1	NE 2.5	NE 1	ENE 1	Calm	Calm	E 4	E 3.5	ESE 2	E 3
16	E .5	E 1	NE 1.5	NE 1.5	NE 1.5	E 1.5	Calm	ENE 2	ENE 2	NNE 4.5	ENE 4	SE 4.5
17	NW 1	NNE 1	NE 1	NE 1	Calm	Calm	Calm	NNE 2	NNW 2	NW 4.5	WNW 5.5	WbyN 4
18	NE .5	NE .5	NE .5	Calm	NNE .5	Calm	Calm	N 1	ESE 1	WNW 4	W 3.5	WNW 3.5
19	Calm	ENE 1	NE .5	NE 1	NE 1	Calm	Calm	Calm	NW .5	W 4	W 2.5	WSW 3.5
20	N 5.5	NNW 5.5	NNW 3	N 2.5	NNW 1.5	N 1	N 2	NNE 2	Calm	W 2.5	WSW 2	W 2
21	N .5	Calm	Calm	NE .5	N .5	Calm	NNE 1	Calm	NE 2	E 2	ENE 2	Calm
22	Calm	N 1.5	N 1.5	NE .5	Calm	ENE .5	NNE 1	N 2	Calm	S 1.5	ESE 3	SE 3.5
23	SE 1	E 1	N 1	Calm	N 1	N 1	Calm	NNW 1.5	Calm	ENE 2	E .5	E 6
24	E 1.5	ENE 1.5	N 1	N .5	NNE 1	Calm	Calm	Calm	E 1	E 1.5	ESE 9.5	ESE 5.5
25	E 2.5	E 2	NE 1.5	N 1.5	N 1	Calm	Calm	Calm	W 2.5	W 5	WNW 4	ENE 9
26	ENE 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	E 1	Calm	WNW 1.5	WNW 3
27	NE .5	NE .5	NE .5	Calm	Calm	Calm	Calm	NNW .5	NNW 1	WNW 1.5	WNW 5	W 3.5
28	Calm	NE .5	NE .5	NE .5	NE .5	Calm	NE 1	Calm	NNW .5	W 3.5	SW 2	WSW 5
Mean	1.2	1	0.8	0.9	0.7	0.5	0.2	0.7	1.5	3.2	3.3	3.5

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	SE 3	SE 2.5	SE 5	SE 2	SEbyE 4	SEbyE 3.5	SEbyE 2.5	SE 2.5	SE 2.5	SE 3	SE 2	ESE 3.5	2
2	ESE 4	SE 5	SE 8	SE 3	SE 3	SE 2.5	SE 2.5	SE 2	SE 2.5	SE 2	SE 1.5	SE 1.5	2.8
3	SE 7	ESE 3	ESE 3.5	SE 5	ESE 3	SE 1.5	SE 1.5	SSE 1.5	SSE 2	SSE 1.5	SE 1.5	SE 1	2.2
4	SE 1	WSW 3.5	W 2.5	W 3	SW 3.5	SW 3	SSE 2	S 2	S 2	SE 2	SE 1	SE .5	1.7
5	NNE 1	SE 5	SSE 6	SSE 4.5	SEbyS 5.5	SE 4.5	ESE 4	ESE 2	SE 2	SEbyE 2.5	SEbyE 1.5	NE 1	2.3
6	W 4	WSW 3	WbyS 4.5	WNW 2	Calm	ESE .5	ESE 2	SEbyE 2.5	SEbyE 2	ESE 2	NE 1	ENE .5	1.6
7	ESE 4.5	E 5	ESE 5.5	ESE 6.5	ESE 5.5	ESE 2.5	ESE 3	ESE 3.5	ESE 3	ESE 2	ESE 1.5	ESE 1	2.2
8	SE 7	SE 6.5	ESE 1	SE 4.5	ESE 2.5	ESE 4	E 2	E 1.5	E 3	E 1.5	SE 1	E 1	2.3
9	ESE 3	ESE 7	SSE 4.5	E 5.5	E 5	ESE 2	EbyN 2	SE 1.5	SE 1	E 2	NE 1.5	NE .5	2.5
10	ESE 3	ESE 5	E 11	ESE 6	ENE 4	ESE 2	E 1	ENE 1.5	ENE 2	NE 1.5	E .5	ESE .5	2.6
11	SE 6	SE 11.5	SE 13	SE 6.5	SE 8	EbyS 5.5	ESE 2	ESE 3	ESE 1.5	ESE .5	SE 2	SE 4	3.5
12	WNW 3	WNW 5.5	W 4	Calm	ESE 2	ESE 1	ESE 2.5	ESE 1.5	E 2	ESE 1	ESE 1	Calm	2
13	W 2.5	SE 6.5	ESE 7.5	ESE 2.5	ESE 4	E 5	E 2.5	ESE 3	SE 4.5	ESE 1.5	SE 2	ESE 2	2.3
14	ESE 5.5	SE 10.5	SE 10.5	SE 6.5	ESE 3.5	ESE 3.5	ESE 2	ESE 2	ESE 2.5	ESE 1.5	SE 2	SE 1	2.7
15	SE 4.5	SE 8.5	SE 7.5	SE 7.5	ESE 6	ESE 2.5	ENE 2	ENE 5.5	ENE 5.5	ENE 5.5	E 2	E 1	3.2
16	ESE 4	SSE 6.5	SE 8	SE 5.5	ESE 4.5	ESE 2	E .5	ESE 2	ESE 3	ESE 1.5	SE 3	SE 1.5	2.8
17	WNW 5.5	WNW 4	WNW 3.5	WNW 1.5	SE 3	SE 1.5	SE 2	SE 1.5	SE 4	SE 4	NNE 3	Calm	2.3
18	W 2	SE 2.5	SE 8.5	SE 3.5	SE 3	SE 3.5	ESE 1.5	SE 2.5	ESE 2.5	Calm	NE .5	NE .5	1.9
19	WSW 5.5	WSW 5	SW 3	SW 4.5	WSW 5	SSW 2	SW 1.5	SSW 1	WSW .5	NNE 1.5	NNE 2	N 5.5	2.1
20	WbyS 3.5	W 2.5	WSW 1.5	W 3	SE 4	ESE 2.5	ESE 1	SE 1.5	SE 1	NW 2	NW 1	N .5	2.2
21	NNE 1.5	Calm	Calm	NW 2	NW 3	Calm	NW 2	Calm	E .5	E 1	E 1	Calm	.8
22	ENE 3	NW 5	NW 5	WNW 3.5	NW 2	NW 3.5	Calm	SE 1	ENE .5	SW 2.5	SW 1.5	Calm	1.8
23	E 3.5	E 1	ESE 2	ESE 3	ESE 4	ESE 2	ENE 3.5	E 1.5	E 1	ESE 1.5	ESE 2	ESE 2	1.8
24	SE 9	SE 12	SE 10.5	SE 11	E 4	E 1.5	ESE .5	E 3	E 2	E 1.5	E 2	E 2	3.4
25	ESE 7	E 6.5	E 4	ENE 3	EbyN 4	Calm	Calm	Calm	Calm	Calm	E .5	Calm	2.2
26	W 2	SSE 6.5	SE 6	SE 6	SE 6.5	SE 2.5	SE 1.5	SE 1.5	ESE 2	SE 2	SE 1	SE 1	1.9
27	WNW 3	W 4.5	W 4	W 4.5	WSW 1	SE 3.5	SE 5.5	SE 2.5	SE 3.5	SE 2.5	Calm	Calm	2
28	WSW 4	WSW 1.5	W .5	ENE 3.5	E 3.5	E 6.5	E 2.5	E 3	ESE 1.5	ESE 1.5	NE 1	Calm	1.8
Mean	4	5.2	5.4	4.3	3.8	2.7	2	2	2.1	1.8	1.4	1.1	2.2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	1	0	0	0	0	0	0	0	4	7.5	**12.5**	10
2	2.5	.5	0	.5	.5	0	0	0	1	2	10.5	8.5
3	1.5	0	0	0	0	0	1	1.5	1	7	11	16.5
4	0	1.5	1	2.5	2	1.5	3.5	1	4.5	4	9	7.5
5	0	1	1	5	0	.5	.5	.5	2.5	6.5	7	10.5
6	1	1	0	2	0	0	0	0	0	5	13	13
7	0	2	0	0	0	0	1	0	1	4	6.5	6.5
8	5.5	2	2	3	2	.5	.5	.5	1.5	7	15	14.5
9	7	3	2.5	0	.5	0	0	0	2	9.5	15	17
10	0	0	0	0	2	4	1	0	2	10	21.5	**23.5**
11	.5	.5	0	1	3.5	2	0	0	.5	1	13.5	12
12	13	7	.5	4	5.5	4	3.5	4	7	13	11	12.5
13	.5	0	0	0	0	0	0	0	.5	7	15.5	10
14	6.5	4	3	1	.5	1.5	0	0	.5	5	14	15
15	7.5	3.5	3	5	3	3.5	5	0	4	13.5	16	11.5
16	1.5	0	2.5	3.5	5	2	4.5	5	7.5	16.5	11.5	11
17	0	1	1	1	0	1	3	9.5	8	6.5	17	**20**
18	0	0	0	0	0	.5	0	0	0	6.5	16	15
19	0	1	1	0	0	0	0	.5	2	6.5	15	15.5
20	**16.5**	**14**	13.5	7.5	4.5	4.5	6	12.5	6	4.5	12.5	14.5
21	0	0	0	0	2	3	2	.5	4.5	**12**	7.5	4.5
22	0	.5	.5	.5	0	0	.5	4	2	3	10	16.5
23	1	4.5	1.5	.5	1	.5	.5	2.5	1	1.5	8.5	15.5
24	5.5	4	2.5	.5	0	0	0	0	.5	6	14	20.5
25	5	7	4.5	1.5	0	1	0	1.5	1.5	9.5	12.5	14
26	3	3	2	0	0	0	1	.5	2.5	6	16	15
27	1	0	.5	.5	0	0	0	4	9	10	**19**	16
28	0	0	0	0	0	0	1	0	3	3	9	12
Mean	2.9	2.2	1.5	1.4	**1.1**	**1.1**	1.2	1.7	2.8	6.9	12.8	13.5

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	2	1	1	2	4	5	6	5	5	4	4	3	3.5	9	55
2	2	2	3	4	3	3	3	1	1	1	1	1	2.1	10	05
3	2	3	3	4	3	2	1	1	0	0	1	0	1.7	10	15
4	2	2	2	1	2	0	0	0	0	0	1	1	.9	10	10
5	1	0	0	0	1	1	4	1	1	0	0	0	.8	9	40
6	2	0	1	0	0	1	0	0	0	0	0	0	**.3**	9	45
7	1	1	1	3	5	5	3	2	2	2	3	3	2.6	10	20
8	2	2	2	4	5	6	4	2	2	1	1	1	2.7	10	20
9	3	3	2	4	6	6	2	2	1	1	1	9	3.3	10	10
10	3	2	8	9	8	9	6	5	5	5	5	4	5.8	8	25
11	10	10	8	9	7	8	4	2	2	2	2	5	5.8	6	15
12	10	9	6	9	7	7	2	2	3	10	8	10	6.9	5	25
13	7	8	10	9	8	10	6	5	5	2	3	8	6.8	8	20
14	0	1	1	1	6	7	5	5	4	2	1	3	3	10	00
15	1	1	1	0	0	0	1	1	1	2	1	1	.8	10	25
16	2	2	3	3	3	3	1	0	0	1	1	1	1.7	10	25
17	1	1	0	0	1	2	3	3	5	5	2	4	2.2	9	55
18	3	2	6	3	5	6	3	2	1	1	1	5	3.2	10	15
19	5	1	2	5	2	1	2	3	2	3	3	5	2.8	10	00
20	9	10	10	8	3	3	4	6	4	4	4	4	5.8	7	20
21	10	9	9	10	10	9	10	10	10	10	9	10	**9.7**	**0**	**40**
22	8	8	6	7	8	9	10	10	4	8	5	10	7.8	4	45
23	6	6	9	9	8	9	10	10	4	9	8	10	8.2	5	30
24	2	1	0	1	2	5	4	4	3	3	2	1	2.3	**10**	**50**
25	2	2	3	6	8	9	7	8	10	10	4	2	5.9	6	35
26	1	0	1	0	2	2	4	4	4	4	3	4	2.4	10	35
27	7	8	5	1	1	1	3	4	3	3	4	9	4.1	9	20
28	4	7	7	5	4	5	4	4	5	3	1	1	4.2	6	45
Total														242	25
Mean	3.9	3.6	3.9	4.2	4.4	**4.8**	4	3.6	3.1	3.4	**2.8**	4.1	3.8	8	39

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
11.5	11	10.5	11.5	11.5	9	9	7.5	6	7.5	6	5	5.9
11.5	13.5	**14.5**	13.5	13	9	9	7.5	8	7.5	6	3	5.9
13.5	**21**	16	14	13	11	7	3	2.5	1.5	2	1	6
9	6.5	11.5	12	**15.5**	11.5	7.5	6.5	7	6	1	0	5.5
4.5	9.5	14	14	**16**	11	14.5	10.5	7	9	4	2	6.3
14	**15**	10	11	3	7	5	9	8	8	3.5	1.5	5.4
16	17	16	19	**20**	14.5	9.5	9	11	9.5	5	5.5	7.2
14.5	19	18.5	**19.5**	18	13	10	5.5	7.5	8	2	1.5	8
21	**21**	20	16	16.5	12	9.5	8	4.5	3.5	4.5	.5	8.1
22.5	**23.5**	22	21	19	11	3.5	5	5	4.5	1	2	8.5
11	20	**26**	24	21	15	8.5	8	6.5	.5	4.5	6	7.7
13.5	**15**	12	8.5	12.5	8.5	6.5	7	10	5.5	8.5	2.5	8.1
15	13	24.5	**26.5**	25.5	15.5	17	10.5	10	8.5	7.5	7.5	8.9
14.5	23.5	**27.5**	22.5	18	15	11.5	6	9	4.5	5.5	3.5	8.8
17.5	20	24	**26**	21	17	7.5	13.5	19	15	6	2.5	**11**
11	18	24	**25**	**25**	16	7	5	6	6	8	4	9.4
17	17	12.5	8.5	8	11	9	6	8	13	8.5	.5	7.8
10.5	9.5	**20.5**	15.5	16	14	9.5	7.5	6	2	0	0	6.2
18.5	20	19.5	**20.5**	19.5	11	7	3	.5	1	3.5	14	7.5
12	11	8	7	11	11	5	3	.5	4	1	2.5	8
5	2	3	4	10	2	2	0	0	1	.5	.5	**2.8**
11	13.5	**18.5**	14.5	11	10	.5	2.5	1	6.5	5.5	2	5.6
18.5	15	13.5	15	11	9	9.5	4	0	1	6.5	5.5	6.1
22.5	23	**27**	24	19	16	10	10	8.5	6.5	5.5	7.5	9.7
18.5	13.5	17	18	11	8.5	7.5	4	1	0	.5	3.5	6.7
13	17	17	**18**	15	14	9	8	7	7	4	4	7.6
15	14.5	12	10.5	7.5	6.5	13.5	9.5	13	9.5	2	0	7.2
15	12	9	4	13	**19**	8	11	2.5	3	.5	0	5.2
14.2	15.5	**16.7**	15.8	15	11.7	8.3	6.8	6.2	5.7	4	3.1	7.2

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	1	------	------	1	1	2	12	------	------	------	------	------	------	------	------	------	7	141	5.6	------
2	------	1	4	------	1	2	14	------	------	------	------	------	------	------	------	------	2	142	6	------
3	------	------	5	------	3	3	8	3	------	------	------	------	------	------	------	------	2	145	6.3	------
4	------	------	------	1	4	3	5	2	2	------	2	1	2	------	------	------	2	132	5.7	------
5	------	1	6	------	------	4	6	3	------	1	------	------	------	------	------	------	3	151	5.8	------
6	------	------	5	1	1	3	2	------	------	------	------	2	4	1	------	------	5	130	5.1	------
7	------	3	1	------	5	11	------	------	------	------	------	------	------	2	------	------	2	173	6.7	------
8	------	1	5	1	6	5	5	------	------	------	------	------	------	------	------	------	1	191	7.5	------
9	------	3	4	------	9	4	2	------	------	------	------	------	------	------	------	------	2	193.5	7.8	------
10	1	2	------	3	4	8	1	------	------	------	------	------	------	------	------	2	3	204	6.5	------
11	2	1	------	2	------	5	7	------	------	------	------	------	1	3	------	2	1	185.5	6.6	------
12	------	1	2	------	3	7	1	------	------	------	------	1	2	3	1	------	3	195	5.6	------
13	------	------	1	------	2	6	3	------	------	------	------	1	3	------	------	------	8	214.5	6.4	------
14	2	------	1	------	------	9	5	------	------	------	------	1	1	1	------	------	4	212	7.1	------
15	------	------	3	5	6	3	5	------	------	------	------	------	------	------	------	------	2	264.5	8.7	------
16	------	1	3	3	4	6	5	1	------	------	------	------	------	------	------	------	1	225.5	8.8	------
17	------	3	2	------	------	------	6	------	------	------	------	------	------	6	2	1	4	187	6.8	------
18	1	1	5	------	------	3	6	------	------	------	------	------	2	2	------	------	4	149	5.9	------
19	1	2	3	1	------	------	------	------	------	2	3	5	2	------	1	------	4	179.5	5.9	------
20	5	1	------	------	------	2	3	------	------	------	------	2	5	------	2	3	1	192.5	5.3	------
21	2	2	2	1	4	------	------	------	------	------	------	------	------	------	3	------	10	66	1.4	3.8
22	3	1	1	3	------	1	2	------	1	------	2	------	------	1	4	------	5	134	4.5	------
23	3	------	------	2	7	7	1	------	------	------	------	------	------	------	------	1	3	147	6.3	------
24	2	1	------	1	10	3	4	------	------	------	------	------	------	------	------	------	3	233	8.7	------
25	2	------	1	2	6	1	------	------	------	------	------	------	2	1	------	------	9	161	5.2	------
26	------	------	------	1	1	------	10	1	------	------	------	------	1	2	------	------	8	182	7.5	------
27	------	------	3	------	------	------	5	------	------	------	------	1	4	3	------	2	6	173.5	6.5	------
28	------	------	6	1	4	2	------	------	------	------	1	3	2	------	------	1	4	125	6.3	------
Total	25	25	63	29	81	100	118	10	3	3	8	17	31	25	13	12	109	4,829	176.5	3.8
Mean	0.9	0.9	2.2	1	2.9	3.6	4.2	0.4	0.1	0.1	0.3	0.6	1.1	0.9	0.5	0.4	3.9	172.5	6.3	0.1

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	763. 32	9. 00a.	33. 5	2. 05p.	**96**	18. 9	760. 40	3. 15p.	19. 5	5. 35a.	43	15. 6
2	62. 65	8. 45a.	32. 9	3. 25p.	93	17. 9	59. 30	3. 30p.	18. 9	6. 35a.	42	15
3	61. 67	9. 00a.	32. 9	2. 30p.	92	18. 3	58. 85	3. 05p.	18. 8	6. 20a.	40	14. 2
4	61. 74	9. 00a.	33. 4	1. 45p.	92	18. 6	59	3. 10p.	**17.3**	6. 30a.	**35.5**	12. 8
5	62. 85	9. 00a.	32. 6	1. 40p.	93	18. 5	59. 80	3. 45p.	19. 1	6. 40a.	49	15. 4
6	62. 90	9. 15a.	31. 6	4. 15p.	92	18. 1	59. 30	4. 10p.	18. 4	6. 10a.	47	15
7	62	9. 05a.	33. 4	2. 10p.	95	17. 7	59. 15	3. 05p.	19	5. 50a.	46	15. 6
8	63. 25	9. 10a.	33. 5	1. 40p.	87	18. 1	59. 72	4. 00p.	19. 4	6. 35a.	41	14. 1
9	63. 45	9. 20a.	33. 7	2. 20p.	95	17. 4	60. 20	3. 40p.	19	6. 05a.	40	14. 4
10	62. 75	9. 00a.	32. 7	2. 50p.	88	18. 6	59	2. 50p.	20. 5	3. 50a.	49	15. 5
11	**61.35**	9. 15a.	33. 7	1. 05p.	92	19. 8	**58.05**	3. 15p.	21. 3	2. 50a.	48	16. 9
12	61. 80	9. 30a.	32. 1	3. 45p.	88	20. 1	58. 85	3. 35p.	**23.6**	5. 35a.	58	17. 5
13	62. 25	9. 40a.	33 4	2. 05p.	89	18. 9	58. 70	3. 15p.	21. 2	6. 05a.	49	16. 4
14	63	9. 40p.	33. 3	1. 35p.	91	18. 9	60. 05	2. 25a.	19. 4	5. 55a.	45	15. 4
15	**64.20**	7. 55a.	33. 7	11. 50a.	89	15. 9	60. 70	3. 45p.	18. 5	5. 25a.	**35.5**	12. 6
16	64. 02	9. 00a.	33. 2	1. 05p.	87	**15.5**	60. 55	3. 15p.	18. 3	6. 10a.	38	13. 3
17	64. 05	9. 30a.	32. 2	4. 30p.	87	16. 1	60. 10	5. 00p.	17. 5	5. 45a.	41	13. 2
18	63. 50	9. 40a.	32. 4	2. 50p.	93	16. 7	60. 25	3. 40p.	18. 1	6. 55a.	41	13. 9
19	64. 10	9. 45a.	31	3. 05p.	91	19. 1	**60.85**	4. 00p.	19. 7	4. 35a.	58	15. 7
20	63. 30	9. 15a.	32. 2	4. 15p.	**82**	18. 9	60. 20	3. 25p.	22. 5	5. 05a.	54	16. 4
21	63. 83	10. 00a.	**29.8**	3. 05p.	90	**20.7**	60. 70	3. 25p.	22. 4	5. 30a.	**65**	**18.2**
22	63. 80	9. 25a.	31	11. 15a.	91	20. 4	60. 50	2. 55p.	20. 8	4. 15a.	56	17. 3
23	63. 95	9. 35a.	33. 4	1. 50p.	95	18. 5	60. 40	3. 30p.	20. 9	6. 10a.	47	15. 7
24	63. 47	10. 00a.	33. 6	2. 30p.	90	17. 4	60. 15	3. 40p.	19. 5	6. 30a.	42	14. 1
25	63. 85	9. 45a.	32. 6	0. 25p.	87	17. 6	60. 45	3. 35p.	19. 4	6. 15a.	48	15
26	63. 40	9. 20a.	**34.2**	1. 40p.	90	16. 6	59. 82	4. 00p.	18	5. 40a.	37. 5	14. 1
27	63	9. 35a.	32. 6	3. 35p.	89	18. 6	59. 43	4. 00p.	19. 5	5. 20a.	47	15. 7
28	63. 90	9. 20a.	33. 1	2. 15p.	88	18. 2	59. 20	3. 40p.	21. 2	4. 45a.	37	**11.8**
Mean	763. 12	--------	32. 8	--------	90. 4	18. 2	759. 77	--------	19. 7	--------	45. 7	15

DAILY GENERAL REMARKS.

1----Convergence of Ci. toward N in the evening.
2----Somewhat gusty SEly winds, convergence of Ci. toward N in the afternoon.
3----Somewhat gusty SEly winds in the afternoon.
4----Fair weather.
5----Do.
6----Do.
7----Do.
8----Somewhat gusty SEly winds in the afternoon.
9----As yesterday.
10----Somewhat gusty Ely winds, Ci. extended from N to S in the afternoon.
11----Gusty SEly winds at intervals in the afternoon.
12----⌒, d° in the morning.
13----Slight coloration of upper clouds at sunrise; somewhat gusty SEly winds in the afternoon.
14----Gusty SEly winds in the afternoon; slight coloration of clouds at sunset.
15----Somewhat gusty SEly winds in the afternoon.
16----As yesterday.
17----Fair weather.
18----Somewhat gusty SEly winds in the afternoon.
19----Fair weather.
20----Cloudy weather.
21----d° in the morning; ● in the afternoon.
22----Overcast.
23----Do.
24----Gusty SEly winds in the forenoon, and afternoon.
25----Somewhat gusty Ely winds in the afternoon.
26----Fair weather.
27----Cloudy weather.
28----Do.

OBSERVATIONS FOR MARCH, 1915.

ATMOSPHERIC PRESSURE, 700^{mm}+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	62	61.60	61.35	61.50	61.90	62.39	63.20	63.59	**63.87**	63.79	63.39	62.74
2	62.90	62.45	62.30	62.35	62.50	62.90	63.49	64.09	**64.49**	64.39	64.07	63.32
3	62.40	62.20	62.10	62.10	62.40	62.88	63.33	63.82	64.25	**64.37**	63.59	62.96
4	62.65	62.55	62.35	62.45	62.60	63.15	63.88	64.39	**64.79**	64.63	64.18	63.46
5	63.30	63.20	63.15	63.05	63.25	63.72	64.29	64.55	**64.57**	64.31	63.96	63.28
6	62.30	62.25	62.25	62.30	62.50	62.90	63.38	63.40	**63.89**	63.74	63.07	62.49
7	61.85	61.65	61.50	61.55	61.75	62.15	62.71	63.08	**63.24**	63.19	62.77	62.06
8	62.65	62.40	62.20	62.15	62.50	62.89	63.55	63.82	63.87	63.88	63.52	62.77
9	63.40	63.05	62.80	62.70	62.80	63.25	63.65	64.13	**64.36**	64.04	63.60	62.76
10	63.40	63.25	63.15	63.20	63.30	63.61	63.89	64.14	64.47	**64.52**	63.88	63.08
11	63.15	62.90	62.50	62.40	62.60	62.99	63.42	63.85	**63.94**	63.79	63.03	62.13
12	61.05	60.75	60.50	60.75	60.90	61.24	61.84	62.24	**62.32**	62.01	61.47	60.53
13	60.50	60.15	60.15	60.35	60.60	61.20	61.82	62.32	62.52	**62.54**	62.12	61.33
14	61.05	60.90	60.90	61	61.25	61.75	62.30	62.84	62.82	62.69	62.23	61.52
15	62.45	62.20	62	62.05	62.25	62.69	63.25	63.79	**63.83**	63.82	63.24	62.53
16	62.50	62.10	61.70	61.50	61.65	62.19	62.64	62.92	**63.15**	63.01	62.68	62.04
17	61.50	61.35	61.25	61.30	61.50	62	62.44	62.99	63.07	**63.09**	62.56	61.79
18	61.60	61.50	61.50	61.50	61.70	62.19	62.72	63.59	63.78	**64.02**	63.62	62.99
19	63.15	62.85	62.80	62.85	63.05	63.28	63.80	64.19	64.34	**64.42**	64.12	63.44
20	63.60	63.15	62.85	62.80	62.90	63.19	63.38	63.63	63.81	**63.91**	63.73	62.96
21	61.80	61.55	61.35	61.30	61.45	61.72	62.03	62.53	**62.62**	62.48	62.13	61.65
22	61.10	60.75	60.25	60.15	60.45	60.92	61.47	61.92	62.09	**62.19**	61.82	61.21
23	61.50	61.15	61.10	60.95	61.05	61.48	62.08	62.73	62.89	62.71	62.42	61.73
24	62.25	61.95	62.05	62.10	62.45	62.95	63.49	63.62	**63.72**	**63.72**	63.11	62.25
25	62.10	61.65	61.50	61.45	61.70	62.11	62.61	62.73	**63.02**	62.77	62.37	61.71
26	60.75	60.30	60.20	60.35	60.65	61.11	61.63	62.16	**62.72**	62.63	62.47	61.61
27	61.45	60.95	60.95	61	61.35	61.72	62.17	62.64	**62.69**	62.53	62.17	61.68
28	61.85	61.65	61.55	61.40	61.45	62.03	62.43	63.23	**63.59**	63.37	62.74	61.73
29	62.15	61.85	61.70	61.60	61.65	62.08	62.34	62.88	63.33	**63.47**	63.06	62.43
30	62.20	61.70	61.65	61.60	61.75	61.96	62.51	63.09	**63.18**	63.06	62.53	61.91
31	61.60	61.30	60.80	60.75	60.95	61.48	61.78	62.47	**62.59**	62.51	62.16	61.53
Mean	62.13	61.85	61.69	61.69	61.90	62.33	62.82	63.27	**63.48**	63.41	62.96	62.25

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23.4	23.8	23.6	23.1	22.9	22.2	23	25.1	26	27.6	28	28.1
2	22	21.5	**20.9**	21.5	21.4	21.2	22	25.9	28.3	28.7	28.8	29.8
3	22	21	20.6	**20.4**	20.9	21	21.7	25.4	26.7	28.5	29.5	29.9
4	22.3	**21.4**	21.8	22.2	21.6	21.8	22.7	24.4	27	30.3	31.8	32.9
5	23.7	22.5	21.8	21.2	20.9	**20.8**	21.6	26.5	27.7	27.9	28.7	29.2
6	24.3	22.9	21.9	21.4	20.9	**20.6**	21.1	25.2	26.1	26.5	27.7	29.8
7	22.3	21.2	20.5	20	**19.2**	**19.2**	21.6	25.3	28.6	28.3	29.2	30.5
8	23.4	23	22.3	22.1	21.6	**21.4**	22.8	25.7	27.9	28.1	29.4	31.3
9	24.4	23.9	22.4	22.3	21.3	**20.7**	22.3	26.8	30	30.7	30	31.8
10	22.7	21.8	21.2	21.7	21.7	**21.1**	21.7	25.8	27.7	28.6	29	29.5
11	24.1	24.1	23.2	22.8	22.2	**22**	23.2	27.1	28.7	29	30.3	32.6
12	23.1	22.3	21.9	21.2	21	**20.4**	22	26.4	29.3	31	32	32.4
13	23.3	23	22.1	22.1	**21.9**	**21.9**	23.5	27.5	28.3	29.7	29.5	30.3
14	23	22.6	**22**	22.8	22.3	22.5	23.8	26.7	28.9	29.3	29.5	30.1
15	23.5	23.7	23.7	23.8	23.7	23.7	24.3	26.3	29	28	30.3	**30.4**
16	23.2	22.9	23	22.6	22.3	**21.7**	22.7	26.5	28.3	29	27.7	29.7
17	24.1	23.5	23.5	23.3	22.4	**21.7**	23.2	26.1	28.9	28.6	29	29.3
18	25.7	25.2	25.1	25.1	24.6	**24.3**	24.7	25.6	26	27.1	27.8	28.2
19	24.1	23.2	22.9	23	22.9	**22.1**	23.5	26	28.8	27.5	28.4	29.9
20	24.2	24.4	24.1	24.4	24.4	24.3	24.5	25.2	27.5	25.7	26	**29.3**
21	23.7	23.1	22.7	22.3	21.7	**21.3**	23.6	26	27.7	29.4	31.2	32.6
22	24.7	24.5	23.3	22.6	**22.5**	22.7	24.3	25.2	28.7	31	32	32.3
23	24.7	24.2	23.5	23	**22.7**	**22.7**	25.6	28.2	30.3	30.5	32.4	33.2
24	22.5	22.1	21.2	20.7	20.6	**20.3**	22.4	25.7	29.8	29.1	30	30.5
25	24	24.6	24.1	23.8	23.7	**23.2**	25.3	28.2	29	29.6	30.4	31.1
26	25.4	25.6	25.3	25.2	25.1	25	**24.7**	25.3	27.6	27.8	28.5	31.2
27	24.2	**24**	24.1	24.4	24.6	24.5	25.2	26.4	28.2	29	28.3	29.8
28	24.8	24.3	23.4	23.1	**23**	**23**	24.9	27.6	27.1	28.3	28.6	32.3
29	23.3	22.4	22.2	21.8	21.3	**21.2**	24	27.6	29.8	28.8	29.7	30.3
30	25.5	25.1	25.2	24.4	24.1	**23.8**	26.1	27.7	30.2	29.1	30.3	30.6
31	24.5	23.7	22.9	22	21.7	**21.6**	23.9	27.5	28.3	29.2	29.9	30.8
Mean	23.7	23.3	22.8	22.6	22.3	**22.1**	23.4	26.3	28.3	28.8	29.5	30.6

ATMOSPHERIC PRESSURE, 700^{mm}+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
61.82	61.39	**60.76**	60.94	61.17	61.58	62.09	62.70	63.05	63.10	63.15	63.15	62.34
62.49	61.82	61.42	**61.23**	61.25	61.49	61.86	62.35	62.70	62.90	62.80	62.80	62.68
62.07	61.48	**60.90**	60.91	61.20	61.33	61.79	62.25	62.75	62.80	63	62.70	62.48
62.66	62.03	61.57	**61.47**	61.70	61.96	62.31	62.75	63.20	63.35	63.45	63.40	62.96
62.31	61.43	60.97	**60.85**	61.10	61.52	61.90	62.25	62.60	62.85	62.75	62.55	62.82
61.32	60.42	59.97	**59.89**	60.11	60.51	60.86	61.40	62	62.15	62.30	62.15	61.98
61.27	60.72	60.17	**59.97**	60	60.36	61	61.70	62.25	62.60	62.90	62.80	61.80
61.96	61.37	60.75	**60.62**	61.10	61.82	62.57	63.15	63.80	**63.95**	**63.95**	63.80	62.71
61.76	61.21	**60.84**	60.92	61.38	61.91	62.52	63.15	63.45	63.45	63.70	63.75	62.86
62.20	61.40	60.97	**60.81**	61.25	61.58	61.95	62.65	63.10	63.85	63.75	63.50	62.95
61.31	60.55	59.84	**59.61**	59.89	60.43	60.80	61.10	61.35	61.55	61.60	61.35	61.92
59.47	58.59	58.15	**58.08**	58.51	58.91	59.52	59.95	60.40	60.70	60.80	60.75	**60.89**
60.55	59.93	59.65	**59.39**	59.65	59.80	60.15	60.90	61.35	61.60	61.50	61.30	60.89
60.91	60.31	60.09	**59.85**	60.22	60.62	60.95	61.70	62.35	62.65	62.75	**62.85**	61.52
61.88	61.36	60.87	**60.76**	61.06	61.50	61.89	62.25	62.85	63.10	63.10	63	62.40
61.20	60	59.95	**59.90**	60.10	60.37	60.89	61.30	61.75	62	62.10	61.95	61.65
60.77	59.98	59.25	**59.11**	59.43	59.91	60.47	60.90	61.50	61.85	62.05	61.85	61.33
62.08	61.48	**60.97**	61.06	61.27	61.89	62.24	62.75	63.30	63.65	63.70	63.55	62.44
62.56	61.83	61.41	**61.16**	61.48	61.68	61.92	62.70	63.55	64.25	64.35	64.15	**63.06**
62.48	61.71	61.09	**60.98**	61.33	61.32	61.65	62	62.20	62.35	62.55	62.20	62.57
60.71	59.97	**59.29**	59.32	59.41	60.05	60.75	61.30	61.70	61.80	61.70	61.45	61.25
60.48	59.70	**59.35**	59.39	59.70	60.32	60.67	61.10	61.50	61.75	61.90	61.75	60.91
61.04	60.07	**59.44**	59.47	59.90	60.60	61.12	61.75	62.50	62.80	**62.90**	62.75	61.51
61.20	60.61	60.32	**60.27**	60.52	60.88	61.47	62	62.30	62.60	62.30	62.30	62.10
60.65	59.66	58.99	**58.74**	58.93	59.44	60.25	60.75	61.10	61.35	61.30	61.15	61.17
60.56	59.73	**58.87**	58.91	59.27	59.97	60.76	61.15	61.65	61.85	61.85	61.75	60.95
60.77	60.09	**59.82**	59.96	60.36	60.77	61.07	61.70	62.25	62.55	62.50	62.15	61.47
60.82	60.28	59.94	**59.92**	60.07	60.53	61.10	61.60	62.35	62.75	62.70	62.45	61.73
61.52	60.78	60.26	**60.04**	60.12	60.52	60.97	61.45	62.15	62.80	62.85	62.55	61.86
60.72	60.17	**59.86**	59.92	60.21	60.69	61.38	61.95	62.20	62.40	62.25	62	61.70
60.45	59.66	59.09	**58.83**	59.18	59.70	60.30	60.70	61.25	61.60	61.60	61.40	60.99
61.35	60.64	60.16	**60.07**	60.35	60.77	61.26	61.79	62.27	62.55	62.58	62.43	61.92

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
27.4	26.6	**28.4**	25.6	26.8	25.7	25.1	24.4	23.8	22.9	22.3	**21.7**	**24.9**
29.1	29.5	**30.6**	30.1	28.8	27.5	26.5	25.5	25.2	24.2	24.5	23	25.7
31.9	31.6	31.8	**32.1**	30.7	28.6	26.9	25.7	24.9	24.2	24.4	23.5	26
33.4	**34**	33.9	33.3	31.6	29.6	27.7	26.4	25.4	25	24.8	24.2	27.1
31.1	**33**	32.2	31.9	31	28.6	27.1	26.3	25.8	25.3	24.9	24.9	26.4
32.4	32.9	33.1	**33.4**	31.3	28.8	27	25.9	25	24.9	24.2	23.9	26.3
31.8	32.5	**33**	32.5	31.7	29.7	28.3	27.3	26.7	26.3	25.6	24.5	26.5
32.1	32.2	33.2	**33.3**	31.7	29.7	28.1	26.8	26.1	25.7	25.3	24.9	27
32.6	**33.5**	33.2	32.1	30.2	27.7	26.9	25.8	25.1	25.1	24.3	23.3	26.9
31	31.6	32.2	**32.4**	32.1	29.5	28	27.1	26.6	25.9	25.2	24.6	26.6
33.5	32.5	32.4	32.6	31.1	29	27.4	26.1	25.1	25.6	25	24.2	27.2
33.1	34.2	**34.3**	33.4	30.7	28.2	27.6	27.4	26.9	26.2	25	24.2	27.3
31.6	**31.7**	31.2	31	29.6	27.7	27.3	27.1	26.8	26.1	24.7	23.8	26.7
30.9	**31.4**	31.2	31.1	29.8	27.8	27.4	27.2	26.4	25.6	26.2	25.3	26.8
29.5	29.4	29.6	30.1	29.8	27.8	26.9	26.1	25.4	24.3	23.6	**23**	26.5
30.1	**32.5**	31.9	31.3	30	27.8	26.8	25.9	25.6	25.5	24.5	24.4	26.5
30.8	31.2	31.4	**31.5**	30.2	28.4	28	27.7	27.1	26.1	26.8	26	27
29.9	28.9	**30.6**	29.7	28.8	27.5	25.8	25.2	25.2	25	24.6	24.5	26.5
30.2	31.1	**31.5**	**31.5**	30.4	28.3	27	26.2	26.1	25	24.2	24	26.6
26.2	26.7	25.8	26.6	26.7	26.1	25.3	25	24.4	23.9	23.7	**23.5**	25.3
33.2	**33.2**	32.2	31.4	31.2	29	27.8	26.9	26.2	25.7	25.1	24.8	27.2
31.4	32.6	**33**	**33**	31.5	29.4	28.1	27	26.3	26.1	25.8	25.5	27.6
33.3	**33.3**	33.1	32.2	30.5	29.1	27.5	26.9	26.3	25.7	25	23.6	27.8
33.3	33.1	**33.5**	33	31.6	29.7	28.3	27.6	26.6	25.9	25.6	24.6	27
32.1	32.5	33.4	**33.7**	31.7	29.3	28.3	27.9	27.4	27	26.1	25.6	28
32	31.3	**32.8**	31	31.1	28.9	27.2	26.3	25.9	25.6	25.3	24.9	27.5
28.7	31.5	**31.6**	31.1	27.1	25.8	25.9	25.7	25.9	25.7	25.1	25.1	26.7
33.2	32.7	**33.2**	32.6	30.4	28.6	27.2	26.5	25.9	25.5	24.9	23.9	27.3
31.5	32.9	**33.6**	32.8	31.1	29	27.5	26.7	26.5	26.1	26	25.6	27.2
33.8	**34.6**	33.8	33.1	31.7	29.8	28.3	27.3	26.7	26.3	25.7	24.7	**28.2**
33	**35.1**	34.7	34	32.5	30	28.8	27.9	27.3	26.9	26.2	25.3	27.8
31.4	31.9	**32.1**	31.7	30.4	28.5	27.3	26.5	26	25.5	25	24.4	26.8

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	78	77	76	82	83	88	85	71	70	64	**57**	63
2	91	94	**95**	91	93	93	89	74	60	59	61	56.5
3	83	88	90	**91**	89	88	85	71	66	60	52	52.5
4	81	**86.5**	83	81	84	83	78	74.5	66	57	52.5	50
5	80	85	88	91	**93**	**93**	87	71	65	65	64	64
6	70	75	80	80	81	**82**	80	61	65	71	70	59
7	82	88	88	91	**95**	**95**	81	70	57	60	58.5	55
8	86	88	92	90	93	**94**	88	76	65	67	64	57
9	71	75	82	82	87	**90**	82	64.5	53	53	54	47
10	86	88	**94**	88	89	92	89	70	67	63	61	59
11	81	80	84	86	89	**90**	83	77	71	67.5	60	49
12	84	85	89	93	93	**96**	87	64	55	53	49	47
13	88	87	**92**	89	89	88	81	77	72	69	64	59
14	87	89	**91**	83	85	86	79	68	63	62	64	59
15	93	**94**	93	92	92	92	91	75	58	66	60	58
16	87	87	86	89	90	**94**	88	74	63.5	62	64.5	58
17	85	86	86	85	90	**95**	85	74	66	68	66	63
18	79	80	82	82	84	**86**	83	81	80	75	73	71
19	81.5	86	86	88	87	**91**	85	75.5	61	68	64	59
20	86	85	86	84	83	84	83	82	69	80	83	**68**
21	85	90	91	93	96	**97**	85	76	68.5	62	55	51
22	85	86	91	95	**96**	95	87	82	67	60	55	51
23	86	86	87	91	91	**92**	78	67	58	55	51	47
24	86	87	**91**	**91**	90	**91**	79	71	56.5	62	59	58
25	90	83	86	89	89	**93**	85	74	70	68	64.5	61
26	80	79	79	80	80	79.5	**83**	80	70	73.5	68	59
27	84	**85**	84	82	82.5	83	82	76	68	65	68	61
28	81	84	91	93	**94**	**94**	84	68	75	70	70	54.5
29	88	92	92	92	**95**	**95**	81	67	55	59	63	59
30	80	82	80	85	86	**87**	76	67	57	68	61	62
31	79	81	87	**91**	**91**	90	79	68	66	65	62	57
Mean	83.3	85.1	87.2	87.7	89	**90.2**	83.5	72.5	64.6	64.4	61.9	57.2

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	16.7	16.9	16.6	17.2	17.3	17.6	17.8	16.8	17.6	17.5	**16**	17.9
2	17.9	17.8	17.5	17.3	17.6	17.3	17.5	**18.4**	17	17.4	17.8	17.6
3	16.3	16.3	16.2	16.3	16.3	16.3	16.4	17.2	17.1	**17.5**	15.9	16.4
4	16.1	16.4	16.1	16.2	16.1	16.1	16.1	16.9	17.5	18.3	18.3	**18.7**
5	17.4	17.2	17.1	17	17	16.9	16.8	18.4	18	18.2	18.9	**19.4**
6	15.8	15.6	15.6	15.2	14.9	14.9	14.9	**14.5**	16.2	18.4	**19.5**	18.4
7	16.5	16.5	15.8	15.7	15.7	15.7	**15.6**	16.7	16.7	17	17.6	17.8
8	18.4	18.3	18.4	17.8	17.8	17.7	18.1	18.6	18.2	18.9	19.4	19.3
9	16.2	16.5	16.6	16.5	16.4	16.3	16.5	16.9	16.7	17.3	17.1	16.6
10	17.6	17.1	17.5	**17**	17.2	17.1	17.2	17.3	18.4	18.2	18.1	18
11	18	17.8	17.9	17.7	17.8	17.7	17.5	20.4	**20.6**	20	19.2	18.1
12	17.6	17	17.4	17.3	17.1	17.2	17	16.4	16.6	17.9	17.2	17
13	18.7	18.1	18.2	17.6	17.4	17.3	17.5	21	20.7	**21.2**	19.7	19.1
14	18.1	18	17.9	17.2	**17**	17.4	17.3	17.7	18.8	18.9	19.7	18.6
15	20	**20.5**	20.2	20.2	20.1	20.1	**20.5**	19	17.4	18.6	19.2	18.6
16	18.4	18	18	18	18.1	18.1	18	**19.1**	18.2	18.3	**17.8**	18.1
17	18.9	18.5	18.5	18.1	18.2	18.2	**18**	18.6	19.6	19.7	19.7	19.1
18	19.4	19.2	19.4	19.4	19.3	19.3	19.3	19.8	20	20.1	**20.2**	**20.2**
19	18.2	18.2	**17.8**	18.3	18	18	18.2	18.8	**17.8**	18.5	18.5	18.5
20	19.2	19.3	19.1	19.1	18.9	19	19	19.5	18.9	19.6	20.7	20.5
21	18.6	18.8	18.7	18.6	18.6	18.3	18.3	19	18.9	18.9	18.7	18.6
22	19.6	19.6	19.4	19.3	19.4	19.4	19.7	19.5	19.7	**20**	19.6	18.2
23	**19.8**	19.4	18.7	19	18.7	18.9	18.9	19	18.5	18	18.3	17.7
24	17.4	17.1	17	16.6	16.2	16.2	**15.9**	17.4	17.6	18.4	18.5	18.7
25	19.9	**18.2**	19.3	19.4	19.3	19.7	20.4	**20.9**	20.8	**20.9**	20.8	20.3
26	19.4	19.3	18.9	19.2	19	18.7	19.1	19.1	19.4	20.4	19.8	19.9
27	18.8	18.8	18.7	18.7	18.9	19	**19.5**	19.3	19.4	19.3	**19.5**	19
28	18.8	19	19.5	19.5	19.6	19.6	19.7	18.6	19.9	19.9	**20.3**	19.6
29	18.7	18.5	18.3	17.8	17.8	17.7	18.1	18.4	**17.1**	17.3	**19.5**	19.1
30	19.4	19.4	19.2	19.3	19.1	19.1	19	18.5	18.1	**20.4**	19.6	20.1
31	18.1	17.7	18	17.9	17.5	**17.3**	17.4	18.5	18.9	19.5	19.3	18.8
Mean	18.2	18	18	17.9	**17.8**	**17.8**	17.9	18.4	18.4	**18.9**	**18.9**	18.6

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
68	74	66	83	74.5	75	76	80	84	88	89	**94**	76.9
58	56	47	**44**	49	55	60	64	66	71	68	79	69.7
44.5	46	45	**43.5**	44	50.5	58	66	69	71	70	74	66.5
44	42	**40**	42	46	54	62	69	74	76	75	78	65.8
56	43	42	43	**37**	47	55	59	62	66	66.5	66.5	66.2
44	43	39	**38**	48	53	60	65	70	70	75	76	**64.8**
51	49	49	**48**	53	59	63.5	69	72	73	78	82	69.5
55	58	52	**48**	**48**	53.5	58	67	69	71.5	72	71	70.1
42	**40**	41	43.5	56	67	68	74	75	74	77	83	65.9
55	51	52	52	**48**	56	64	69	71	77	79	80	70.8
48	50	48.5	**46**	49	55	63	69	72	71	75	78	68.4
44	**38**	39	42	62	71	73	74	75	76	83	86	69.1
48	51	58	57.5	63	71	71	72.5	74.5	79	83	86	73.7
55	**53**	55	59	66	71	77	78	79	84	77	80	72.9
63	62	57	**54**	**54**	61	65	70	74	81	84	88	74
59	**49**	53	55	59	67	72	75	77	76	82	83	72.9
59	60	**57**	**57**	67	75	79	79	81	87	77	77	75.2
60	65	**57**	60	**57**	64	72	75	75	77	78	79	74
59	56	55	**53**	57	67	71	75	75	80	85	86	73
82	81	**87**	82	77	77	81	83	84	86	85	**87**	**81.9**
48	49	53	59	55	63.5	67	72	76	78	83	84	72.4
55	49	**47**	51	56	61	65	72	76	79	80	80.5	71.7
45	**45**	**45**	47	54	58	66	69.5	70	72	74	82	67.4
46	**44**	**44**	**44**	48	56	63.5	69	76	80	79	87	69.1
57	55	52	**50**	56	64	68	70	70	70	77	79	71.7
57	60	**52**	57	**52**	62	68	74	77	78	80	**83**	71.3
66.5	54	**52**	53.5	72.5	79	78	78	74	76	81	80	73.5
51	53	**51**	53	59.5	65	71	73	75	78	81	85	73.1
56	50	**45.5**	47	53	60	67	70	72	76	76	78	70.4
48	48	**47**	49	55	60	66	67	70	70	74	78	67.6
52	**43**	**43**	44	49	58	64.5	69	73	75	79	84	68.7
54.1	52.2	**50.7**	51.8	55.6	62.4	67.5	71.5	73.8	76.3	78.1	81.1	70.9

VAPOR PRESSURE (^{mm}).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
18.6	19.1	19.1	**20.2**	19.5	18.3	17.9	18.2	18.4	18.2	17.9	18.1	17.9
17.3	17	15.5	**14**	14.4	15	15.5	15.6	15.6	15.8	15.7	16.4	16.6
15.6	16	15.6	15.4	**14.5**	14.7	15.2	16.1	16.1	16	15.9	15.9	**16**
16.8	16.6	**15.7**	16.1	16	16.6	17.2	17.7	17.7	17.8	17.6	17.4	16.9
18.8	16.2	15	15	**12.4**	13.6	14.6	15.1	15.4	15.7	15.6	15.6	16.5
16	16.1	14.7	14.6	16.5	15.6	15.9	16.2	16.6	16.5	16.9	16.7	16.1
17.8	17.9	18.4	17.5	18.4	18.3	18.2	18.6	18.8	18.6	**19.1**	18.8	17.4
19.7	**20.7**	19.7	18.2	16.8	16.5	**16.4**	17.4	17.5	17.5	17.3	16.6	18.1
15.3	**15.3**	15.5	15.4	18	**18.4**	17.9	18.2	17.8	17.6	17.3	17.6	16.8
18.3	17.5	18.5	19	17.2	17.3	18	18.4	18.3	**19.1**	18.8	18.4	17.9
18.3	18.1	17.6	16.9	16.6	**16.2**	17.1	17.3	17	17.4	17.6	17.6	17.9
16.6	**15.3**	15.6	16.2	**20.4**	20.2	20.1	20.1	19.6	19.3	19.4	19.2	17.8
16.5	17.6	19.5	19.2	19.5	19.7	19.2	19.3	19.5	19.7	19.3	18.9	18.9
18.3	18	18.7	19.8	20.6	19.8	**20.9**	20.8	20.1	20.4	19.5	19.3	18.9
19.3	18.9	17.6	17	**16.9**	17	17	17.7	17.9	18.2	18.1	18.3	18.7
18.8	17.9	18.5	18.6	18.5	18.5	18.9	18.5	18.7	18.4	18.8	18.9	18.4
19.3	20.1	19.6	19.5	21.3	21.6	**22.3**	21.6	21.6	21.8	20.1	19.2	**19.7**
18.9	19.3	18.5	18.7	**16.7**	17.4	17.7	17.9	17.9	18.2	17.9	18.1	18.9
18.8	19	18.9	18.1	18.4	19.1	18.8	18.9	18.8	18.9	19	**19.2**	18.5
20.6	21.1	**21.5**	21.1	19.9	19.4	19.5	19.4	19.1	18.9	**18.6**	18.7	19.6
18.2	18.5	19.1	**20.2**	18.5	18.9	18.7	18.9	19.1	19.2	19.6	19.6	18.9
18.8	18.1	**17.4**	19	19.3	18.6	18.3	19.2	19.4	19.7	19.7	19.5	19.2
17	17	17	**16.7**	17.4	17.3	17.9	18.3	17.9	17.7	17.5	17.8	18.1
17.6	16.6	16.9	16.4	16.5	17.5	18.2	19	19.6	**19.9**	19.3	**19.9**	17.7
20.1	19.9	19.7	19.5	19.4	19.3	19.5	19.6	19.1	18.6	19.4	19.3	**19.7**
20.2	**20.5**	19.3	19	**17.6**	18.4	18.3	18.9	19.1	18.9	19.3	19.3	19.2
19.4	18.5	**18**	**18**	19.3	**19.5**	19.3	19.2	18.4	18.6	19.2	18.9	19
19.3	19.6	19.3	19.4	19.2	19	19.1	18.7	**18.5**	19	19	18.7	19.3
19.3	18.7	17.6	17.5	17.8	17.9	18.3	18.2	18.5	19	19	19.1	18.3
18.7	19.4	18.5	18.5	19.2	18.6	18.8	18	18.2	**17.9**	18.1	18	18.9
19.4	17.9	17.6	17.6	17.9	18.3	19	19.4	19.8	19.6	20.1	**20.2**	18.6
18.3	18.1	17.9	**17.8**	17.9	18	18.2	18.4	18.4	18.5	18.4	18.4	18.2

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu.	Cu. E		Cu. E	A.-Cu.	Cu. E		Cu.-N. E		Cu.-N.
2	Ci.	Cu.	Ci.	Cu.		Cu. E		Cu.-N. E		Cu. E
3		Cu.		Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E
4	A.-Cu.	Cu.		Cu.	A.-Cu.	Cu. E		Cu. E		Cu.
5	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. EbyN
6		Cu.	Ci.-S.	S.-Cu.	Ci.-S.	Cu. E		Cu. E		Cu.
7		Cu.		Cu.		Cu.		Cu.		Cu.
8		Cu.	A.-Cu.	Cu.	Ci.	Cu.		Cu. EbyN		Cu. EbyN
9		Cu.		Cu.		Fr.-Cu. E		Fr.-Cu. E		Cu.
10		Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.		Cu.
11		Cu.		Cu.		Cu. E		Cu. E		Fr.-Cu.
12		Cu.	Ci.	Cu.		Cu.		Cu.		Cu.
13	Ci.	Cu.		Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
14		Cu.		Cu.		Fr.-Cu.		Cu.		Cu.
15	A.-Cu.	Cu.	A.-Cu.	Cu.		Cu. E		Cu. E	Ci.-S.	Cu.
16	Ci.	Cu.	Ci.	Cu. E		Cu. E	Ci.-S.	Cu. E		Cu.
17		Cu.		Cu.		Cu.		Cu.		Cu.
18		N. E		Cu. E		Cu. E		Cu.-N. E		Cu.-N. E
19		Cu.		Cu.	Ci.-S.	Cu. E		Cu. E		Cu. E
20	Ci.-S.	S.-Cu.	Ci.-S.	Cu. E		Cu.-N. E		Cu.-N. E		Cu.-N.
21	Ci.-Cu.	S.-Cu.		S.-Cu. ESE		Cu. ESE		Cu. E		Cu.
22	Ci.-S.	N.-cf. E		Cu. E		Cu. E	Ci.-S.	Cu. EbyS	A.-Cu.	Cu. EbyS
23	Ci.	Cu.		Cu.	Ci.	Cu. ENE	Ci.	Cu. ENE	Ci.	Cu. ENE
24		Cu.		Cu.		Fr.-Cu.		Cu. E		Cu.
25		Cu.		N.-cf.		Cu. E		Cu.		Cu.
26		S.-Cu. E		Cu.-N. E		Cu. E		Cu.		Cu.
27	A.-Cu.	Cu.		Cu.-N. E		Cu. E		Cu.-N.		Cu.-N.
28	Ci.-S.	Cu.	Ci.	Cu. E		Cu. E		N.-cf. E		Cu.
29	Ci.	Cu.		Cu.		Cu.		Cu.		Cu. E
30		Cu.		Cu.		Cu. E		Cu.		Cu.
31	Ci.	Cu.		Cu.		Cu.		Cu.		Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1		Cu.-N.		Cu.-N. E		Cu.-N. E		Cu.-N.		Cu.
2		Cu.		N.-cf.		Cu. E	A.-Cu.	Cu.		Cu.
3	A.-Cu.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.
4		Cu.		Cu.		Cu.		Cu.		Cu.
5		Cu.	Ci.	Cu.		Cu.	Ci.	Cu.	Ci.	Cu.
6		Cu.		Cu.		Cu.		Cu.		Cu.
7	Ci.	Cu.	Ci.	Cu.		Cu.		Cu.		Cu.
8		Cu.		Cu.		Cu.		Cu.		Cu.
9	Ci.	Cu. E		Cu. E		Cu.		Cu. E	A.-Cu.	Cu. E
10		Cu.		Cu.		Cu.		Cu.		Cu.
11	A.-Cu.	Cu. E		Cu.		Cu. E		Cu.		Cu.
12		Cu.		Cu.		Cu.		Cu.		Cu.
13	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
14	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.
15		Cu.-N.		Cu.-N. E		Cu.-N. E		N.-cf. E		Cu.
16		Cu.		Cu. E		Cu.-N. E		Cu. E		Cu.
17	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	A.-Cu.	S.-Cu.
18		Cu.-N. E	Ci.-S.	N.-cf. E	Ci.-Cu.	Cu.	A.-Cu.	Cu. E	A.-Cu.	Cu. E
19		Cu.		Cu.		Cu.		Cu.		Cu.
20		Cu.-N. E		Cu.-N. E		Cu.-N. E		Cu.-N. E		Cu.-N. E
21	A.-Cu.	Cu. E	A.-Cu.	Cu. E		Cu.	Ci.-S.	Cu.		Cu.
22		Cu.-N. E		Cu. E		Cu. E		Cu. E	A.-Cu.	Cu.
23		Cu.		Cu. E		Cu. E		Cu. E		Cu. E
24	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.		Cu.
25		Cu.		Cu.		Cu.		Cu.		Cu.
26		N.-cf.		N.-cf. E		Cu. E		Cu. E		Cu.
27	Ci.-S.	N.-cf. E	Ci.-S.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	Ci.-S.	Fr.-N.
28		Cu. E		Cu. E		Cu.		Cu.		Cu.
29		Cu.		Cu.		Cu.		Cu.	Ci.	Cu.
30		Cu.		Cu.		Cu. E		Cu.		Cu.
31		Cu.		Cu.		Cu.	Ci.	Cu.		Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	Calm	NNE 1.5	NNE 2	NE 2	ESE 1.5	Calm	Calm	N 1	NNE 2	N 1.5	NE 2.5	S 6
2	NNE 1	NE 1	NE 1	NNE 1.5	NNE 2	ENE 1	Calm	Calm	Calm	WNW 2.5	SSW 1.5	ESE 2.5
3	N .5	Calm	NE .5	NE .5	N 1	Calm	Calm	Calm	Calm	E 1.5	ESE 2	ESE 3.5
4	N 1	N 1	NE 1	N 1.5	N 1.5	Calm	Calm	Calm	Calm	Calm	SE 2.5	SE 4.5
5	NE 1.5	Calm	Calm	NE .5	NE .5	Calm	Calm	Calm	WNW 4	W 2.5	WSW 4	W 4
6	NE 1.5	Calm	NE 1	NE 1	N 1	Calm	Calm	N 1.5	ESE 1	Calm	Calm	ESE 1.5
7	E .5	NE 1.5	NE 1	NE 1	NE 1.5	Calm	NNE 0.5	Calm	W .5	W 1	W 1	WNW 6
8	NE 1	N .5	NE .5	Calm	NE 1	Calm	Calm	Calm	W 2	W 1.5	W 2	W 2.5
9	ESE 2.5	E 2.5	ENE 1.5	NE 1.5	NE 1	Calm	Calm	Calm	ENE 1.5	Calm	SW 3	Calm
10	E 1	E .5	E .5	NNW 1.5	NW 2	Calm	Calm	Calm	SW 1	WSW 1.5	W 1.5	W 1
11	SE 1	NE 1.5	NE 1	NE 1.5	NE 1	Calm	Calm	SE 2.5	SSW 2	WSW 2	SE 2.5	SE 5.5
12	Calm	NNE .5	N 1	NE .5	Calm	NE .5	Calm	Calm	ENE 1	SSE 2.5	SE 4.5	SE 9
13	S .5	S .5	S .5	NE 1	NE 1	Calm	Calm	Calm	SSW 1.5	SW 1.5	WSW 4	WSW 5.5
14	S .5	S 2	Calm	S 1.5	N 1.5	NNE 1.5	Calm	Calm	NW .5	W 2.5	WbyS 3.5	WSW 7
15	E 3	E 3.5	ESE 3	ESE 1	ESE .5	Calm	Calm	Calm	N 1	S 2	S 2	SW 1.5
16	Calm	Calm	Calm	Calm	N 1	N 1	Calm	N 2	NW 1.5	W 3.5	WSW 4	WSW 2.5
17	SE .5	SE 1	Calm	N 1	N .5	Calm	Calm	Calm	Calm	WSW 3	WSW 1	W 4
18	NNW 5.5	NNW 4	NNW 4	NNW 4	N 2	NNE 2	NNE 2.5	NNE 1.5	NW .5	NW 1	WSW 1.5	SW 1
19	E .5	Calm	E .5	E .5	E .5	Calm	Calm	Calm	Calm	WNW 4	WNW 2.5	W 3.5
20	N 2	NE .5	N 2.5	N 2.5	N 1	Calm	N 1	Calm	Calm	Calm	Calm	Calm
21	ESE 2	SSE .5	ESE 1.5	ESE .5	ESE .5	SE .5	SE 1	ESE 1.5	E 1.5	E 1.5	ESE 4.5	SE 4
22	SE .5	Calm	Calm	Calm	Calm	ENE 1.5	ENE 1.5	ENE 1	E 1.5	SE 2	ESE 2	SE 5
23	ESE .5	ESE 1	Calm	ESE 1.5	ENE 1.5	E 1.5	ESE 1.5	E 3.5	E 4.5	SE 5	SE 4	SE 8
24	NE .5	NE .5	NE .5	NE .5	NE 1	Calm	Calm	Calm	Calm	WNW 2.5	W 1	W 7.5
25	Calm	N 1.5	NE 2.5	NE 2	NE 2.5	Calm	Calm	Calm	SSW 1	WSW 2.5	WSW 1	WSW 4
26	N 1.5	NW 2	N 1.5	N 1	N 1.5	NE 2	E 1	NE 1	E 1	SE 2.5	E 3	E 1
27	ESE .5	ESE .5	ESE .5	ESE 2	N 1	Calm	Calm	Calm	Calm	Calm	NW 4	WNW 3
28	ESE 2.5	ESE 3	ESE 2	ENE 2.5	ENE 1.5	Calm	NE .5	Calm	WNW 2	WSW 2.5	WbyN 1	ESE 5.5
29	SE .5	ESE 1	SE 1	SE 1	Calm	Calm	Calm	E 1	E 2	WNW 3.5	W 1.5	WSW 4
30	Calm	SE .5	SE .5	Calm	SE 1	SE .5	Calm	Calm	Calm	W 1	WSW 2.5	WbyS 2.5
31	E .5	E .5	E .5	E .5	E .5	Calm	Calm	Calm	WSW 2.5	W 6.5	WSW 2.5	WSW 3.5
Mean	1.1	1.1	1	1.2	1.1	0.4	0.3	0.5	1.2	2	2.3	3.8

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WSW 2	WSW 2	W 1	Calm	Calm	NNE 1.5	Calm	NE 1.5	NE 1	NE 1.5	NE 1	NE 0.5	1.3
2	WNW 1	Calm	ENE 3	ENE 4	ENE 6	E 3	E 4	E 2.5	ESE 2.5	E 1.5	ENE 2.5	Calm	1.8
3	E 3.5	E 5	ESE .5	ESE .5	Calm	ESE 2.5	E 1	EbyS 1.5	ESE 1.5	E 1.5	ESE 2	SE 1.5	1.3
4	SE 6.5	SE 2.5	ESE 3.5	SE 4.5	ESE 5	ESE 2	ESE 1.5	E 1.5	SE 2	SE 2	SE 2	E 1.5	2
5	WSW 1.5	SSE 5	SE 9	SE 9	SE 7	ESE 2	ESE 6.5	SE 5	ESE 5.5	ESE 3.5	ESE 2.5	SE 3.5	3.2
6	SE 3.5	SE 3.5	SE 4.5	ESE 2.5	ESE 8	E 4	E 3	SE 2.5	SE 3	SEbyE 3	SEbyE 2	SEbyE 2.5	2.1
7	W 3.5	W 3	W 3	WNW 3	W 1	SE 2	SE 3	SE 3	SE 3	SE 3.5	E 1.5	NE .5	1.9
8	WSW 4.5	WSW 1	WSW 4	SSE 4.5	SE 3	ESE 1	ESE 1	ESE 3.5	SE 3.5	SE 2.5	ESE 2.5	E 2.5	1.9
9	ENE 3.5	ESE 6.5	SE 13	E 3.5	SE 6	SE 4.5	E 1.5	E 1	E 3	ENE 2	ESE 1.5	E 1	2.5
10	WSW 3.5	WSW 3	WSW 4	WSW 1.5	SE 1.5	SE 1	Calm	SE 2	SE 5.5	SE .5	SE .5	Calm	1.4
11	SSE 4.5	SE 7.5	SE 4	SE 7.5	SE 8	SE 1.5	ESE .5	ESE 2	ESE 2.5	ESE 3	E 2	E 2	2.7
12	SE 2	SE 3	SE .5	SE 4	WSW 3.5	SW 5	SW 4	SW 4	SW 2.5	SSW 2	S .5	S .5	2.1
13	W 3.5	WSW 1	WSW 2	SW 2	SW 2.5	SW 5.5	SW 4	SW 3	SW 2.5	SW 1.5	SW .5	SW .5	1.9
14	SW 2	WSW 5.5	WSW 2.5	SW 1	SW 1.5	SWbyS 4	SW 3	SSW 4	SSE 2.5	E 1.5	ENE 3.5	ENE 5.5	2.4
15	WSW 1.5	Calm	Calm	E 6.5	E 4.5	E 4	E 1.5	E 1.5	E 1	E .5	Calm	Calm	1.6
16	W 3.5	SSE 6	SE 3.5	ESE 1	SE 2	SE 2.5	SE 3	SE 2	SE 3	E 2	SE 1	SE .5	1.9
17	WSW 2.5	SW 3	WSW 3.5	WSW 4	SSW 4	SW 2	Calm	SSW 2.5	SSW 1	Calm	N 2.5	NNW 5.5	1.7
18	Calm	WSW .5	SSW 1	SSE 6.5	SEbyE 4	ESE 4	ESE 1.5	SE 3	SE 2.5	E 1	E 1.5	E 1.5	2.4
19	W .5	WSW 4	SW 1	SE 2	SE 4	SE .5	SE 3	SE 3	SE 2.5	NNW 3.5	NW 3	N 2	1.7
20	SW 1	SE 5.5	SEbyS 1	SEbyE 5.5	SEbyE 3	ESE 1	SEbyE 3.5	ESE 2.5	SE 2.5	SE 2	ESE 2	ESE 1	1.7
21	SE .5	SW 2	WSW 3	WSW 4	S 3	SE 5	SE 4	SE 3.5	SE 2.5	SE 2.5	SE 2	SE 1.5	2.2
22	SE 4	ESE 3	SE 1.5	SE 6	ESE 4.5	ESE 3.5	ESE 2.5	ESE 1	ESE 2.5	ESE 2	ESE 2.5	ESE 2.5	2.1
23	SE 7.5	SE 5.5	SE 4.5	SE 7	SE 6	ESE 2	ESE 1.5	ESE 3.5	ESE 3	ESE 3	E 1	Calm	3.2
24	SE 8	SE 7	SE 3	SE 2.5	SE 3	SE 1.5	SEbyE 1	SSE 3.5	SE 2.5	SE 1.5	SE 2	Calm	2.1
25	WSW 3.5	WSW 4	SW 3.5	SE 4.5	SE 3	SE 3	SSE 3	SSE 3	SE 2.5	N 4.5	NNW 3	N 3	2.4
26	ESE 3.5	SE 2.5	SE 6.5	SE 3	ESE 3.5	ESE 4	ESE 3	ESE 2	ESE 2	ESE 2	ESE .5	Calm	2.1
27	E 3	E 6.5	E 7	E 9	SE 6	ESE 7	SE 5	ESE 3	ESE 4	ESE 2	E 2	ESE 2.5	2.9
28	SE 6	ESE 5.5	ESE 5	SSE 4	SE 6	SE 5	ESE 2.5	E 2.5	ESE 2	SEbyE 2.5	ESE 1.5	SE 1	2.8
29	WSW 3.5	SW 2	SE 1.5	SSE 4	SE 4	SE 2.5	SE 2	SE 4	SE 3	SE 1.5	SE 1	SE 1	1.9
30	SE 5	SE 4.5	SE 4	SE 6.5	SE 4	ESE 1	ESE 3.5	SE 4	SE 3	SE 3.5	E 2	Calm	2.1
31	WSW 4.5	SE 4	SE 6	SSE 5.5	SE 2	SE 3	SE 4	SE 3	SE 2.5	SE 2.5	SE 1.5	Calm	2.3
Mean	3.3	3.7	3.5	4.2	3.9	2.9	2.5	2.7	2.7	2.1	1.7	1.4	2.1

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	0	0.5	2.5	2.5	1.5	0	0	3.5	4	6.5	14	12
2	.5	1	1	1.5	3	2.5	1.5	1	.5	6	10.5	7
3	.5	0	0	0	1.5	0	0	.5	3	7	14	11
4	2	0	0	1	1.5	3.5	2	4	0	3	9	8
5	4.5	2.5	0	0	0	0	0	.5	3	7.5	14.5	12.5
6	7.5	.5	0	0	0	0	0	3.5	4	5	2	8
7	4	3	3	1	1	4	2.5	2.5	2	9	13.5	15.5
8	1.5	0	0	1	0	0	0	.5	1	12	18	15
9	9	9.5	4	4	.5	0	0	2.5	3.5	8.5	6.5	5
10	1	0	0	1.5	6	1.5	0	.5	2	6	14	14
11	1	3	2	5	5	0	0	2	6	8	11	13.5
12	1.5	.5	0	0	0	0	.5	0	2	5	17.5	18
13	0	3	.5	3.5	4	3	1.5	2	3.5	6.5	14	14
14	1	2	0	2	3.5	5.5	4	1.5	3.5	10.5	18.5	19
15	9	7	8.5	5	.5	0	0	0	.5	2.5	9.5	7
16	0	0	0	0	.5	0	0	0	1	5	16	13
17	0	.5	0	2.5	.5	0	.5	0	3.5	9	14	15
18	20	14	12	15	8.5	3	7.5	5.5	.5	0	7	5.5
19	1.5	0	.5	0	0	.5	1.5	0	.5	4.5	15	12
20	5	.5	4.5	4.5	2.5	3.5	4.5	5	1	3.5	6	2.5
21	4.5	1	1	3	.5	2.5	1	5	6.5	6	10	15.5
22	1	0	0	0	0	1	4.5	3	1.5	6	11	13.5
23	4	1	0	.5	3	2.5	4.5	8.5	12	8.5	21.5	21
24	.5	0	0	0	1	.5	2	3.5	1	5	21	17
25	1	4	4	5.5	5.5	3	1	1	1	3	12.5	12
26	6	4	4.5	1.5	4.5	4.5	6.5	8	7	14	15	8
27	.5	.5	.5	.5	1	.5	0	0	2	6.5	10	13
28	10	9	7	6	3.5	3.5	2	1	4.5	7.5	15	18
29	1.5	1	1	2.5	.5	1	0	1	3	8	19	15
30	.5	.5	.5	0	1	2	2	1	1	6	14	17
31	.5	1	1	0	0	0	0	.5	4.5	11	14	14.5
Mean	3.2	2.2	1.9	2.2	2	1.5	1.6	2.2	2.9	6.7	13.1	12.6

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m*
1	9	8	10	7	9	10	10	10	9	10	8	10	9.2	4	05
2	2	3	3	6	8	8	7	10	7	6	5	9	6.2	6	25
3	9	8	10	10	7	9	7	8	7	7	5	4	7.6	2	15
4	10	9	9	4	6	4	2	1	1	0	1	2	4.1	7	40
5	8	4	6	6	7	7	2	2	3	2	2	1	4.2	9	20
6	6	1	10	8	7	9	2	2	2	2	1	1	4.2	6	30
7	1	0	1	0	0	0	3	2	1	1	0	0	.8	10	20
8	2	1	7	4	4	2	2	2	2	2	5	4	3.1	9	00
9	1	0	1	2	5	2	3	2	2	3	2	2	2.1	10	00
10	1	2	2	3	0	0	1	1	1	1	0	0	1	10	10
11	2	0	1	2	7	4	4	3	3	3	2	3	2.8	9	15
12	1	1	2	5	3	4	1	1	0	0	1	0	1.6	9	50
13	2	2	3	5	6	6	5	4	3	2	2	3	3.6	10	00
14	1	0	0	0	0	0	3	6	6	5	4	5	2.5	9	10
15	9	10	7	10	9	10	10	9	9	8	8	7	8.8	2	45
16	3	3	4	4	9	4	3	6	9	8	3	1	4.8	6	35
17	2	1	1	1	2	1	2	2	2	2	3	4	1.9	8	30
18	10	10	10	10	10	10	9	10	8	9	10	10	9.7	0	35
19	2	1	2	10	7	4	4	3	3	3	1	2	3.5	7	10
20	8	10	8	10	10	10	10	9	9	10	9	10	9.4	1	10
21	2	8	6	5	5	4	4	2	2	3	2	4	3.9	8	50
22	10	10	6	8	6	7	10	6	5	7	6	5	7.2	7	00
23	9	4	5	6	6	4	3	4	3	3	5	4	4.7	8	50
24	1	1	1	1	3	2	2	1	1	1	0	1	1.2	9	15
25	1	3	7	4	2	3	1	2	1	1	1	0	2.2	8	10
26	10	10	9	8	8	8	9	10	4	5	3	1	7.1	4	55
27	8	7	10	8	10	10	9	8	8	7	10	10	8.8	3	40
28	7	8	8	5	10	5	4	4	4	3	2	2	5.2	8	30
29	2	1	1	1	1	2	1	0	0	0	4	5	1.5	9	25
30	2	0	0	4	3	1	3	4	4	4	3	2	2.5	9	15
31	4	1	0	1	2	2	1	1	1	3	0	1	1.4	9	15
Total														227	50
Mean	4.7	4.1	4.8	5.1	5.5	4.9	4.4	4.4	3.9	3.9	3.5	3.6	4.4	7	21

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
10.5	9	10	8.5	0.5	2.5	4.5	3.5	1	1.5	1	0.5	**4.2**
8	7	17.5	**22.5**	20	11.5	12	9.5	10	4.5	8	2.5	7
16	15	13	12	12	8	8	5	3	2	6	6	6
18	16.5	15.5	15	**18**	14	9	6.5	5.5	7.5	8	6.5	7.2
15.5	17.5	23	**24.5**	22.5	18.5	13.5	15	16.5	16	8	11	10.3
11	**22**	18	18	14	17	14	11	8.5	11.5	9	7	8
15	11	9	10.5	10.5	6	12.5	9	11	12.5	8	0	7.3
12.5	13.5	12.5	18.5	**21.5**	15	15	10.5	10.5	8.5	9	6	8.4
14.5	18.5	**23**	21.5	19.5	20	15	7.5	5.5	10.5	4.5	2.5	9
12	12	12	6.5	11.5	11.5	8	7.5	9	6	2	2	6.1
19	24	**28**	25	21	15	13	7	7	10.5	8.5	5.5	10
17.5	17	16	13	17.5	**18.5**	17.5	15.5	11.5	6	.5	.5	8.2
12.5	12	16.5	**23**	22	**23**	16	12	14	4	1	0	8.8
16	17	18	12	15.5	14.5	13.5	13.5	7	6	11	15	9.6
8	8.5	5.5	13	**17**	16	**17**	10.5	4	0	0	0	6.2
15	17	**28**	19	18.5	17.5	12	8.5	7	9	5	0	8
12	11	13	17	**20**	15	6.5	4.5	3	0	3	18	7
5.5	7.5	6.5	**7**	15	14	12	9.5	7.5	3	3	3	8
14	12.5	9.5	8.5	11.5	**15**	12	12.5	10.5	12	11	9.5	7.3
7.5	9	**11.5**	11	7.5	11	9.5	6	8.5	8.5	7	3	6
12.5	10	8.5	12	11	12	13	9	10	10	6	5	7.3
14	14	14	13	**15.5**	13.5	12	5	4	7.5	6.5	9	7.1
24	24	**28**	26	23	17	10	9	11	12	6	.5	**11.6**
13	**23**	20	15	14	12	9	8	9	3.5	6	.5	7.7
12.5	13.5	14	14.5	**18**	15	14.5	9.5	8	11	12	7.5	8.5
12	10.5	16.5	**20**	18.5	11.5	11.5	7.5	6	5	1.5	.5	8.5
10	18	16	**19**	**19**	18	14	12	13	9.5	10.5	8	8.4
21	**22**	20	16	16	15	10	9	6	8	7	.5	9.9
12.5	11.5	8.5	11.5	15	14	14	14.5	12.5	7	2	2.5	7.5
12	23	22	**27**	19	16	14	12	12	9	7.5	4	9.3
15.5	15	14.5	**16.5**	15	15	12	12	10	15	6	1	8.1
13.5	14.9	15.7	16	**16.1**	14.3	12.1	9.4	8.5	7.6	6	4.4	8

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	2	4	7			1			1			2	1				6	100	3.2	0.3
2		3	2	5	4	2				1				2			5	169	6.2	
3	2		2		5	8	1										6	143.5	6.4	
4	4		1		2	4	8										5	174	7.2	
5			3			5	5	1				2	2	1			5	246.5	8.1	
6	2		3		2	4	8										5	191.5	6.8	
7		1	5		2		5						7	2			2	176	6.4	
8	1		3		1	4	3	1				3	4				4	202	7.5	
9			2	4	6	3	3				1						5	215.5	7.4	
10					3		6				1	5	2		1	1	5	146.5	6.2	
11			4		2	4	9	1		1		1					2	240	7.3	
12	1	1	2	1			6	1	2	1	4	1					4	196	6.9	
13			2						3	1	10	4	1				3	211.5	5.6	
14	1	1		2	1			1	3	1	5	3	2		1		3	230	6	.3
15	1				9	3			2		1	1					7	149	4.8	
16	3				1	1	8	1				2	2		1		5	192	6	
17	3						2			3	2	5	1			1	7	168.5	6	
18	1	3			3	2	3	1		1	1	2			2	4	1	192	4.1	
19	1				4		6				1	1	2	2	1	1	5	174.5	5.9	
20	4		2			4	6	1			1						6	143	1.9	2.4
21					2	7	11		1		1	2						175.5	6.2	
22				3	1	10	6										4	169.5	6.7	
23				1	4	9	8										2	277.5	8.1	
24			5				10	1					2	1			5	184.5	7.5	
25	3		3				4	2		1	1	5				1	4	203.5	6.9	
26	4		2		4	8	4								1		1	204.5	5.5	
27	1				5	9	2							1	1		5	202	5.1	.3
28			1	2	1	9	5	1						3			2	237.5	6.7	
29					2	1	12	1			1	2	1	1			3	179	6.9	
30					1	2	12					1	2				6	223	7.6	
31					5		9	1				4	1				4	194.5	7.2	
Total	34	13	49	18	70	100	162	14	12	10	30	46	30	13	8	8	127	5,912	194.3	3.3
Mean	1.1	0.4	1.6	0.6	2.3	3.2	5.2	0.5	0.4	0.3	1	1.5	1	0.4	0.3	0.3	4.1	190.7	6.3	0.1

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor. pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	764	9.20a.	29.9	10.40a.	94	20.2	760.70	3.25p.	21.6	11.55p.	57	16
2	64.55	9.35a.	32.9	3.15p.	95	18.4	61.20	4.45p.	20.5	3.40a.	44	14
3	64.40	9.45a.	33.5	1.20p.	91	**17.5**	60.90	3.00p.	20.2	4.15a.	43.5	14.5
4	**64.85**	8.45a.	34.9	2.05p.	86.5	18.7	**61.40**	3.45p.	21	5.25a.	40	15.7
5	64.60	8.30a.	34.1	1.30p.	93	19.4	60.80	3.50p.	20.5	6.20a.	**37**	**12.4**
6	64.05	9.10a.	34.5	3.10p.	**82**	19.5	59.85	3.45p.	20	6.05a.	38	14.5
7	63.24	9.00a.	33.7	3.10p.	95	19.1	59.97	4.00p.	**18.9**	5.55a.	48	15.6
8	64	10.30p.	34.4	3.10p.	94	20.7	60.60	3.40p.	20.7	6.20a.	48	16.4
9	64.40	8.40a.	35	1.35p.	90	18.4	60.80	3.10p.	20.5	6.05a.	40	15.3
10	64.52	10.00a.	33.6	4.25p.	94	19.1	60.81	4.00p.	20.6	3.35a.	48	17
11	64	9.30a.	34.4	0.55p.	90	20.6	59.55	3.55p.	21.6	5.35a.	46	16.2
12	62.32	9.00a.	35.7	2.45p.	96	20.4	**58.05**	3.50p.	20	6.15a.	38	15.3
13	62.60	8.40a.	32.7	0.55p.	92	21.2	59.35	4.10p.	21.5	5.50a.	48	16.5
14	62.90	11.35p.	33	3.20p.	91	20.9	59.80	3.35p.	21.2	3.45a.	53	17
15	63.85	8.45a.	32.2	3.20p.	94	20.5	60.70	3.45p.	23	Midnight.	54	16.9
16	63.15	9.00a.	33.7	2.05p.	94	19.1	59.90	4.00p.	21.6	6.25a.	49	17.8
17	63.15	8.35a.	33.1	3.40p.	95	**22.3**	59.05	3.35p.	21.6	6.10a.	57	18
18	64.02	10.00a.	32.3	2.35p.	86	20.2	60.95	3.30p.	24	5.55a.	57	16.7
19	64.42	10.00a.	32.9	3.50p.	91	19.2	61.10	3.50p.	22	6.20a.	53	17.8
20	64.10	0.05a.	**29.7**	0.05p.	87	21.5	60.98	4.00p.	23.3	11.50p.	**68**	**18.6**
21	62.65	9.10a.	34	0.55p.	**97**	20.2	59.20	3.15p.	21.2	6.10a.	48	18.2
22	**62.30**	9.30a.	34.4	1.30p.	96	20	59.25	3.35p.	22.4	4.55a.	47	17.4
23	62.90	11.00p.	34.6	0.05p.	92	19.8	59.25	3.20p.	22.4	5.40a.	45	16.7
24	63.90	9.25a.	34.5	3.10p.	91	19.9	60.20	3.50p.	20.2	5.55a.	44	15.9
25	63.02	9.00a.	35.2	3.40p.	93	20.9	58.70	3.55p.	23.1	6.10a.	50	18.2
26	62.85	9.30a.	34	3.05p.	83	20.5	58.80	3.35p.	**24.2**	6.40a.	52	17.6
27	62.69	9.00a.	33.2	3.20p.	85	19.5	59.82	3.00p.	23.6	2.05a.	52	18
28	63.59	9.00a.	34.2	0.35p.	94	20.3	59.85	4.15p.	22.9	5.30a.	51	18.5
29	63.50	10.15a.	34.4	3.35p.	95	19.5	60	4.05p.	20.9	5.50a.	45.5	17.1
30	63.25	8.30a.	35.2	2.30p.	87	20.4	59.70	3.10p.	23.5	5.50a	47	17.9
31	62.59	9.00a.	**36.4**	2.20p.	91	20.2	58.80	3.55p.	21.6	6.00a.	43	17.3
Mean	763.56	--------	33.8	--------	91.4	19.9	760	--------	21.6	--------	48.1	16.6

DAILY GENERAL REMARKS.

1----d 3.30 p. m.
2----d° 11.30 a. m.
3----d° 11.38 a. m.; slight coloration of clouds at sunset.
4----Cloudy weather.
5----Somewhat gusty SE winds in the afternoon.
6----As yesterday.
7----⌓° early in the morning.
8----Cloudy weather.
9----Gusty SEly winds at intervals in the afternoon.
10----Fair weather.
11----Somewhat gusty SE winds in the afternoon.
12----Somewhat gusty SE winds at noon.
13----Cloudy weather.
14----Fair weather.
15----d in the early morning.
16----Cloudy weather.
17----Fair weather.
18----d° in the morning.
19----Cloudy weather.
20----●° in the morning and afternoon.
21----Cloudy weather.
22----d° in the morning.
23----Somewhat gusty SE winds in the afternoon.
24----As yesterday.
25----Fair weather.
26----Overcast.
27----d°, somewhat gusty Ely winds in the afternoon.
28----d in the early morning.
29----Fair weather.
30----As yesterday.
31---- Do.

OBSERVATIONS FOR APRIL, 1915.

ATMOSPHERIC PRESSURE, 700^{mm}+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	61	60.75	60.60	60.60	60.65	60.91	61.18	61.56	**61.57**	61.17	60.75	60.17
2	59.65	59.35	59.20	59.20	59.55	60.12	60.70	61.21	**61.47**	61.11	60.70	60.06
3	60.15	59.85	59.50	59.60	59.95	60.31	61.01	61.37	**61.43**	61.29	61	60.49
4	60.65	60.35	60.15	60.10	60.40	60.92	61.52	**61.81**	61.76	61.54	61.11	60.66
5	61.10	60.95	60.65	60.75	61.05	61.52	61.93	62.33	**62.40**	62.18	61.52	60.75
6	61.35	61.25	61	61.20	61.55	62.01	62.53	**62.97**	62.91	62.88	62.27	61.51
7	61.40	61.45	61.30	61.40	61.75	61.97	62.53	**62.77**	62.65	62.62	62.32	61.91
8	61.60	61.20	60.90	60.85	61.15	61.44	62.07	62.53	**62.75**	62.57	62.25	61.43
9	61.70	61.40	61.15	61.20	61.50	61.87	62.37	62.96	63.12	**63.23**	62.78	61.78
10	61.65	61.60	61.25	61.20	61.65	62.08	62.78	**63.09**	62.90	62.58	62.02	61.25
11	61.15	60.90	60.55	60.65	60.75	60.91	61.27	61.46	**61.50**	61.38	60.85	60.26
12	61.15	60.90	60.70	60.70	60.85	61.13	61.69	**62.14**	62.02	61.91	61.29	60.67
13	61.75	61.55	61.25	61.25	61.55	61.79	62.44	62.98	**63.02**	62.63	62.17	61.55
14	61.95	61.50	61	60.85	61.10	61.46	62.06	62.64	**62.82**	62.61	62.23	61.46
15	60.95	60.60	60.40	60.40	60.65	60.92	61.32	61.59	**61.79**	61.51	60.97	60.17
16	60.10	59.75	59.55	59.65	59.95	60.13	60.69	61.31	**61.32**	60.96	60.56	59.93
17	59.55	59.10	58.70	58.55	58.75	58.87	59.42	**59.93**	59.82	59.51	59.11	58.41
18	58.70	58.25	58.15	58.30	58.65	58.89	59.37	60.04	**60.22**	**60.22**	59.96	59.31
19	59.50	59.25	59.30	59.50	59.75	60.31	60.74	60.93	**61.02**	60.72	60.26	59.70
20	60.65	60.50	60.40	60.45	60.70	61.03	61.55	**61.62**	61.61	61.37	60.87	60.42
21	60.80	60.75	60.70	60.65	60.80	61.04	61.54	61.93	**62.09**	61.53	60.97	60.31
22	60.85	60.50	60.25	60.60	60.80	61.08	61.67	62.11	**62.23**	62.06	61.60	60.67
23	60.80	60.50	60.35	60.35	60.65	60.89	61.52	62.02	**62.38**	62.05	61.52	60.85
24	61.60	61.40	61.25	61.35	61.55	61.78	62.05	62.19	**62.33**	62.11	61.47	61.02
25	61.20	60.90	60.80	60.90	61.05	61.15	61.45	**61.92**	61.89	61.46	61.26	60.42
26	60.30	59.65	59.60	59.50	59.80	60.34	60.92	61.39	**61.43**	60.91	60.46	59.78
27	59.45	59.35	59.10	59.20	59.40	59.65	60.18	60.47	**60.54**	60.04	59.80	59.02
28	59.65	59.40	59.10	59.15	59.50	59.70	60.20	60.79	**60.82**	60.74	60.38	59.97
29	**60.40**	60.15	59.85	59.55	59.65	59.75	60.14	60.24	60.32	60.22	59.83	59.23
30	59.35	59.05	58.65	58.80	59	59.12	59.62	**59.88**	**59.88**	59.74	59.18	58.65
Mean	60.67	60.40	60.18	60.22	60.47	60.77	61.28	61.67	**61.73**	61.50	61.05	60.39

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.6	24.3	24.5	24.3	24.2	**24**	26.5	29.9	30.3	31.7	31.7	32.9
2	25.3	24.8	24.6	24.5	24.2	**23.6**	26.7	29.9	31.9	32.8	33.6	35.1
3	27.3	26.2	25.5	24.9	24.7	**24.4**	27.4	30.2	32.2	33.3	34.8	35.7
4	26.5	25.8	25.3	24.9	**24.8**	25	26.3	30.5	31.5	32.7	34.7	35.5
5	26.8	26.1	26	**25.3**	25.4	25.5	26.8	29.9	30.2	32.1	34.3	34.9
6	26.2	26.1	25.6	25	24.6	**24.4**	27	30.1	31.4	32.4	33.6	34.5
7	24.9	23.7	23	21.9	22.1	**21.3**	24.6	28	31	30.5	31	31.7
8	25.9	24.9	24	23.2	23	**22.6**	26.3	29.2	30.8	30.5	31.2	31.8
9	25	25.2	25.1	23.4	22.7	**22**	25.6	29.2	30.1	29.3	30	34.1
10	25.6	24.6	24.5	23.9	**23.8**	**23.8**	26.3	28.2	29.4	29.3	29.8	34.6
11	25.9	25.4	25.1	24.8	24.3	**24**	27.2	30	31.7	33	33.6	34.6
12	24.5	24.2	23	22	**21.6**	21.7	25.6	29.5	31.9	33.6	35	34.7
13	26.2	25.3	24.6	24	**23.7**	**23.7**	27.4	29.4	31	31.5	35.2	35.5
14	24.2	23.3	23.2	23.2	23.2	**23.1**	26.1	29.2	31.4	33	34	34.5
15	24.5	23.5	22.6	22.3	21.7	**21.3**	25	28.9	30.7	28.6	30.9	34.1
16	24.3	23.2	22.5	22.5	22.2	**22**	25.7	28.8	29.3	29.7	31.5	31
17	24.8	24.4	23.4	**22.6**	**22.6**	23.3	25.4	29.1	30	30.1	30.5	34.4
18	25.3	24	23.1	22.4	22.2	**22.1**	25	28.7	29.9	30	31.5	32.8
19	24.7	23.7	23.4	23.2	22.7	**22.4**	26.4	29.9	32	32	34.5	34.8
20	26.4	25.1	24.9	24.4	**23.6**	**23.6**	26.6	30.2	29.3	30.4	30.6	**35.6**
21	26.6	25.1	24.7	25.4	24.9	**23.8**	27.7	29.3	26.2	29.3	32.6	30.5
22	24.2	23.5	24.2	24	**23.4**	**23.4**	27	28.4	29.3	25.6	30	31.6
23	24.3	23.5	23.4	23.3	22.9	**22.4**	25.8	29.6	32	31.4	34.3	**36**
24	24.6	23.4	22.7	21.8	21.4	**21**	25.8	29.4	30	33.4	**34.3**	30.2
25	22.5	22.3	22	21.9	**21.6**	21.8	26.3	29	30.1	31.1	30.1	32.3
26	24	23.8	24	23.9	24.1	**23.5**	26.7	28.2	30.5	32.2	29.9	31.3
27	26.1	25.2	24.1	23.6	22.8	**22.5**	26.8	29.8	28.5	30.5	30.5	33.6
28	22.7	22.2	21.6	21.2	**20.8**	**20.8**	24.7	28.8	29.9	30.2	30.3	31.7
29	24.5	24.2	23.4	22.5	**22.2**	**22.2**	26.2	29.7	31.8	31	31.7	32.7
30	27	26.7	26.1	25.4	25.2	**24.6**	28.5	30.1	29.4	29.5	30.3	33.8
Mean	25.2	24.5	24	23.5	23.2	**23**	26.3	29.4	30.5	31	32.2	33.6

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
59.22	58.23	57.70	**57.63**	57.98	58.43	58.90	59.35	59.85	60.25	60.35	60.05	59.95
59.17	58.38	58.04	**57.88**	57.99	58.45	59.35	59.90	60.30	60.45	60.60	60.45	59.72
59.63	58.61	**58.41**	58.52	58.82	59.14	59.55	60.30	60.75	61.10	61.15	60.95	60.12
59.54	58.59	**58.40**	58.54	58.89	59.49	59.95	60.75	61.30	61.55	61.80	61.55	60.47
59.96	59.19	**58.89**	58.95	59.25	59.96	60.66	61.10	61.40	61.95	61.95	61.85	60.93
60.49	59.83	59.34	**59.28**	59.45	59.82	60.42	60.90	61.25	61.60	61.75	61.60	61.22
61.22	60.56	59.96	**59.76**	60.22	60.57	61.57	62.10	62.60	62.60	62.40	62.05	**61.65**
60.15	59.31	**59.08**	59.26	59.55	60.20	60.73	61.30	61.75	62.20	62.30	62.10	61.19
60.92	60.27	60	**59.99**	60.05	60.87	61.41	61.50	62.40	62.50	62.20	62.05	61.63
60.17	59.58	59.16	**59.15**	59.58	60.06	60.79	61.05	61.35	61.80	61.85	61.70	61.26
59.08	58.49	58.05	**57.99**	58.26	59.06	59.85	60.35	61	61.40	**61.50**	61.35	60.33
59.90	59.32	**58.83**	58.85	59.30	59.80	60.42	61	61.50	62.05	62.10	61.85	60.84
60.73	60.08	**59.88**	60	60.28	60.97	61.20	61.75	62.10	62.35	62.40	62.20	61.58
60.45	59.66	59.04	**58.92**	59.11	59.52	60.11	60.70	61.20	61.65	61.55	61.15	61.03
59.38	58.59	58.39	**58.24**	58.46	58.80	59.19	59.70	60.15	60.30	60.35	60.20	60.13
58.97	58.21	57.62	**57.41**	57.62	58.05	58.66	59.20	59.75	60.20	60.10	59.85	59.56
57.75	57.10	56.50	**56.83**	56.43	57.06	57.57	57.90	58.65	59.30	59.10	59	**58.48**
58.35	57.44	56.97	**56.70**	57.10	57.73	58.35	58.95	59.55	59.85	59.85	60	58.79
59.02	58.60	**58.29**	58.35	58.62	59.08	59.70	60.35	60.60	60.75	60.75	60.75	59.83
59.70	**59.10**	59.28	59.29	59.80	60.21	60.64	61.05	61.40	61.55	61.30	61	60.65
59.72	58.99	**58.57**	58.66	58.89	59.51	60.01	60.40	61.10	61.35	61.25	61.10	60.53
59.92	59.72	59.06	**58.96**	59.22	59.81	60.61	60.90	61.40	61.30	61.35	61	60.74
60.30	59.85	**59.71**	59.94	60.06	60.74	61.28	61.60	61.90	62.10	62.15	61.75	61.05
60.24	59.80	59.91	**59.51**	59.70	60.15	60.81	61.05	61.40	62	61.80	61.55	61.17
59.27	58.47	**57.81**	57.88	58.39	59.19	59.80	60.50	60.90	60.95	60.90	60.45	60.37
58.60	58.18	**57.78**	57.99	58.34	58.79	59.30	59.60	59.90	60.25	60.15	59.85	59.70
58.34	57.94	57.66	**57.36**	57.61	58.34	59.16	59.60	60	60.30	60.25	60.15	59.29
59.08	58.32	57.96	**57.71**	57.96	58.44	59	59.05	59.75	60.30	60.80	60.80	59.52
58.15	57.33	56.87	**56.63**	56.68	57.14	57.74	58.40	59.05	59.75	59.90	59.60	59.02
57.98	57.38	57.10	**56.73**	56.84	57.25	58.11	58.70	59.20	59.55	59.35	59.40	58.69
59.51	58.84	58.48	**58.41**	58.68	59.22	59.83	60.30	60.78	61.11	61.11	60.91	60.31

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
33.3	**34.5**	33.3	33.4	31.3	29.8	29	28.7	28.3	27.1	26.3	25.9	28.7
35	**35.4**	33	32.6	31.2	30.1	29.3	28.6	28.2	28.1	28	27.7	29.3
36.3	36.2	36	32.7	31.5	30	29.5	29.1	29.1	28.6	27.8	27.4	**30**
36.5	34.7	34.2	32.7	31.7	29.7	28.9	28.5	28.2	28.1	27.5	26.3	29.6
35.4	34.4	34.4	33	31.2	29.8	29.1	29.1	28.7	27.9	27.3	27.1	29.6
35	**35.7**	34.2	34.6	33.5	30.9	29.4	28.5	27.7	26.8	26.5	25.8	29.6
31.9	32.5	33.6	**33.7**	31.1	29.8	29.4	28.9	29.2	28	26.9	25.7	28.1
34.5	**34.8**	34.2	33.2	32	29.7	28.2	27.3	26.2	25.9	25.6	25.3	28.3
35	**35**	34.4	33.9	32.5	30.4	29.1	28.2	26.9	26.2	26.7	26.3	28.6
35.3	**35.6**	35.1	34.3	33	30.4	28.8	27.8	27.3	26.5	26.1	26	28.8
35.1	35.2	**35.3**	34.5	33.1	30.7	29.3	27.5	26.7	25.9	25.7	25.4	29.3
35.3	34.5	34.4	33.4	32.5	30.5	29.3	28.3	27.6	27.1	27.1	26.9	28.9
34.5	**36.2**	33.7	34.5	32.5	30.2	28.5	27.6	26.6	26.2	26	24.9	29.1
34.6	34.5	33.5	33.2	31.6	29.7	28.2	27.5	26.8	25.2	24.8	24.7	28.4
34.3	**34.7**	33.7	34.5	32.6	30.4	28.8	27.7	26.9	26.5	26	25.3	28.1
31.3	**33.5**	32.9	32.5	31.1	29.5	28.4	27.6	26.8	26.2	25.4	25.3	27.6
34.9	**35.2**	35.1	34.3	33.3	30.9	29.4	28.2	27.6	27.1	26.4	25.8	28.7
33	35.7	**36.1**	34.8	33.4	31.2	29.4	28.2	27.2	26.5	25.7	25.2	28.5
35	**35.6**	35.4	34.7	32.7	31.3	30	28.7	28.4	27.9	27.1	26.5	29.3
35	34.2	35	32.2	31.7	30.7	29.4	28.5	27.8	27.5	26.5	26.6	29
31.7	32.6	**33.4**	33.1	32.5	30.3	28.6	27.5	26	25.4	25.8	25.1	28.3
31.6	30.1	32.4	**32.9**	31.5	29.9	27.9	26.8	26.3	26.6	26.4	25.3	27.6
35.4	35.9	34.1	33.2	31.8	29.5	28.1	27.3	26.6	26.2	26	25.8	28.7
33.9	31.8	30.7	32.4	30.8	28.4	27.2	26.4	25.9	24.8	23.7	23	**27.4**
34.6	**35.4**	35.3	34	32.7	30.2	28.6	27.4	26.5	25.8	25.1	24.6	28
34.9	**35.5**	35.1	32	31.5	30.4	29.1	28.7	28	26.8	26.8	26.5	28.6
34.3	33.6	32.9	32.7	32.7	29.8	28.5	27.1	26.3	25.6	25.2	24.4	28.2
32.9	**35**	**35**	34.6	32.5	30.5	29.4	28.3	27.7	27.1	26	25.2	27.9
33.4	34.2	35.1	**35.2**	33.9	31	30.6	29.2	28.4	27.6	26.9	26.8	28.9
35.9	**36.8**	36.3	35.6	34.3	32.1	30.4	29.2	28.2	27.7	27.2	26.5	29.9
34.3	**34.6**	34.3	33.6	32.3	30.3	29	28.1	27.4	26.8	26.3	25.8	28.7

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	90	91	87	91	91	**92**	82.5	65	62.5	60	62	58
2	88	91	91	91	91	**93**	79	70	60	55	49	**44**
3	84	90	90	93	93	**96**	81	69	57	53	46	45
4	86	88	91	92	92	**93**	87	72	62	54	49	45
5	81	85	85	89	87	**90**	85	73	69.5	58	47	45
6	90	90	91	93	94	**95**	80.5	71	55	53	50	45
7	79	82	83.5	88	87	**90**	71	68	53	62	59	54
8	77	82	89	93	93	**95**	76	60	54	58	56.5	56
9	73	70	71	80	83	**87**	71	60	57	61	59	47
10	82	87	85	**89**	**89**	**89**	77	69	66	68	64	48
11	79	82	83	85	88	**91**	78	66	54	47	48	43.5
12	75	74	78	85	**87**	86	68	64	50	44.5	**41**	43
13	81	86	88	91	**92**	**92**	74	66	61	60	44	41
14	82	**88**	86	86	87	87	73	57	47.5	41	43	39
15	74	80	84	82	85	**86**	76	60	55.5	63	57	45.5
16	80	85	**89**	87	88	**89**	75	62	60	61	54	56
17	79	79	83	**86**	**86**	82	71	57	54	59	55	43
18	77	81	84	88.5	89	**90**	76	62	57	61	54	49
19	79	85	87	88	91	**93**	75	57	50	52	44	42
20	75	81	82	84	**90**	88	76	59	64	61	61	**41**
21	68.5	78	79	76	80	**84**	68.5	62	81	65	54	59
22	80	84	82	84	85	86	72	68	64	**88**	66	57
23	86	90	90	90	92	**95**	76	59	47	54	36	**32**
24	74	79	82	87	88	**90**	67	52.5	52	43	**38**	55
25	89	89	91	92	**95**	**95**	71	60	54	54	59	46
26	80	82	82	84	82	**85**	73	68	60	52	65	60
27	73	79	84	86	90	**92**	72	65	68	59	60	48
28	85	88	92	93	**94**	**94**	75	61	60	60.5	59	52
29	85	86	87	92	**93**	90	72	59.5	51	55	56	55
30	81	83	85	86	87	**91**	72	64	69	69	66	51
Mean	80.4	83.8	85.4	87.7	89	**90.2**	75	63.5	58.5	57.7	53.4	48.2

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	20.7	20.6	20	20.5	20.3	20.4	21.2	20.5	20	21	21.5	21.6
2	21.2	21.1	20.8	20.7	20.3	20.1	20.5	21.9	21.1	20.4	19	**18.5**
3	22.7	**22.8**	21.8	21.8	21.5	21.7	22.1	22	20.3	20.2	18.9	19.6
4	22.2	21.9	21.8	21.6	21.5	22	22.1	23.2	21.2	20	20	19.3
5	21.2	21.3	21.3	21.4	20.9	21.8	22.2	23	22.1	20.8	18.8	**18.6**
6	**22.8**	22.6	22.1	22	21.6	21.6	21.3	22.6	18.8	19.1	19.2	18.2
7	18.6	17.9	17.4	17.3	17.1	16.9	**16.3**	18.9	17.9	20.2	19.8	18.8
8	19.1	19.1	**19.7**	**19.7**	19.4	19.3	19.4	18.2	18	18.7	19.1	**19.7**
9	17.1	**16.8**	**16.8**	17.2	17.1	17	17.4	18.2	18	18.5	18.5	18.5
10	20	20.1	19.4	19.6	19.4	19.4	19.6	19.6	20	**20.5**	19.9	19.4
11	19.6	19.8	19.8	19.8	19.9	20.3	20.8	**20.9**	18.8	17.4	18.6	17.8
12	17.1	16.7	**16.2**	16.7	16.6	16.5	16.5	19.6	17.5	17.2	17	17.6
13	20.4	20.6	20.3	20.1	20.1	20.1	20.1	20	20.4	**20.8**	18.5	17.6
14	18.5	**18.7**	18.2	18.2	18.4	18.3	18.4	17.2	16.2	**15.5**	17	16.1
15	16.9	17.1	17.2	16.5	16.4	16.3	17.8	17.8	18.2	18.2	**18.9**	18.1
16	18	18	17.9	17.6	17.6	**17.5**	18.3	18.2	18.1	19.1	18.5	18.7
17	18.3	18	17.7	17.5	17.5	17.4	17.2	17.1	16.9	**18.6**	18	17.5
18	18.5	17.9	17.6	17.8	17.8	17.8	17.8	18.1	17.8	**19.3**	18.7	18.3
19	18.4	18.6	18.6	18.6	18.7	18.7	**19.2**	17.9	17.6	18.4	18.1	17.5
20	19.2	19.2	19.1	19.1	19.4	19	19.6	18.9	19.5	19.6	**19.8**	17.4
21	17.7	18.5	18.4	18.3	18.8	18.4	18.9	18.7	**20.4**	19.7	19.8	19.1
22	17.9	18	18.3	18.6	18.2	18.4	19	19.5	19.5	**21.6**	20.9	19.9
23	**19.3**	**19.3**	19.2	19	19.1	19.1	18.8	18.1	16.6	18.4	14.5	**14.2**
24	17	16.8	16.8	16.8	16.7	16.6	16.6	16	16.4	16.5	**15.4**	17.6
25	17.9	17.9	17.9	17.9	18.1	18.4	18.1	17.9	17	18.2	**18.8**	16.5
26	17.7	18	18.2	18.5	18.4	18.4	19	19.2	19.5	18.5	**20.3**	20.2
27	18.4	18.8	18.7	18.7	18.6	18.6	18.9	**20.2**	19.6	19.1	19.5	18.4
28	17.5	17.6	17.6	17.3	**17.2**	**17.2**	17.3	18.1	18.7	19.3	18.9	18.2
29	19.4	19.2	18.6	18.6	18.5	17.9	18.2	18.4	**17.8**	18.4	19.4	20.2
30	**21.5**	**21.5**	21.3	20.7	20.7	20.8	20.8	20.4	21	21.2	21.2	20.1
Mean	19.2	19.1	19	18.9	18.9	18.9	19.1	**19.3**	18.8	19.1	18.9	18.4

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
54	**48**	56.5	62	69	69	76	80	80	81	85	85	**74.1**
45	45	57	63	67.5	67.5	74	78	81	79	80	81.5	71.7
41	**37**	40	55	63	69	70	74	74	75	79	82	69
41	**44**	51	59.5	66	77	74	77.5	79.5	78	81	89	72
44	48	49.5	62	75	79	83	74	76	82	84	86	72.4
40	**37**	42	39.5	40	46	54	60	66	72	73	76	64.7
50	46	**45.5**	51	62	66	70	71	64	69	74	81	67.8
43	**42**	**42**	**42**	44	51	58	61	67	69	71	73	64.7
43	44	47	46	50	56	63	68	76	79	75	79	64.4
45	44	**42**	43	47	55	64	70	70	75	78	78.5	67.7
40	36	36	**34**	**39**	45	51	61	65	70	71	70.5	61
43	46	47.5	49.5	53	60	66	70	75	78	75	77	64
43	**39**	45	**39**	44	50	57	63	70	71	69	79	64.4
38	39	42	44	52	53.5	60	58	60	70	72	72	61.5
43	42	43	**38**	39	47.5	56	61	67	67	72	75	62.4
56	**49**	52	50	55	59	64	68	71.5	73	76	77	68.2
39	**37**	**37**	39	41	49	53	60	62	66	70	75	**60.9**
50	42	**38**	39	39	47	56	62	67	72	76	77	63.9
40	**35**	37.5	40	45	47	54	61	62	65	70	74	61.4
44	47	**41**	49	51	53	58	62.5	65	66	72	70	64.2
55	51	47.5	40	**39**	47	55.5	61.5	69	73	72	75	64.2
56	62	**50**	52	54	55	68	74.5	77	71	73	81	70.4
35	36	40	43	44	51	56	58	63	66	67	67	61.4
41	51	52	46.5	50	59	65	68	71	77	83	86	64.9
34	**32**	33	36	40	49	57	63	67	70	74	79	63.7
44	44	**43**	49	48	52	59	60	63	70	71	72	64.5
47	48	49.5	50	48	56	61	65	67.5	72	73.5	76	66.2
52	**44**	**44**	45.5	55	63	64	70	72	72.5	77	81	68.9
53	53	**50**	**50**	55	67	67	74	77	79	83	82	69.6
42	**38**	39	41.5	44	50	58	64	69	71	73	78	65.5
44.7	**43.5**	44.6	46.6	50.6	56.5	62.4	66.6	69.8	72.6	75	77.8	66

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
20.5	**19.3**	21.5	**23.6**	23.4	21.6	22.7	23.3	22.9	21.5	21.6	21.2	21.3
19	19.3	21.2	**23**	22.8	21.4	22.3	22.6	23	22.4	22.5	22.4	21.1
18.6	**16.7**	17.5	20.2	21.6	21.7	21.6	22	22.2	21.9	22	22.2	21
18.6	**18.1**	20.3	21.8	22.9	**23.7**	21.9	22.4	22.5	22	22.2	22.5	21.5
18.7	19.4	19.9	23.2	**25.2**	24.5	24.8	22	22.2	22.7	22.7	22.8	**21.7**
16.7	16	16.7	16.2	15.6	**15.3**	16.6	17.5	18.2	18.9	18.7	18.8	19
17.7	16.7	17.6	20	20.7	20.6	**21.4**	20.9	19.1	19.3	19.4	20	18.8
17.7	17.5	16.7	15.9	**15.5**	15.8	16.4	16.6	16.9	17.3	17.2	17.4	17.9
17.9	18.3	19	18.1	18.3	18	18.8	19.2	**20**	19.8	19.5	**20**	18.2
19	19	17.5	**17.2**	17.6	17.9	18.8	19.5	19	19.3	19.5	19.6	19.2
16.9	15.3	15.2	**13.8**	14.7	14.8	15.5	16.6	16.9	17.4	17.4	17	17.7
18.1	18.9	19.1	18.9	19.3	19.5	20.1	19.9	20.5	**20.7**	20.1	20.2	18.4
17.4	17.6	17.5	16.1	**15.9**	16.1	16.5	17.3	18.1	18	17.2	18.6	18.6
15.6	15.9	16.1	16.5	17.9	16.5	17.1	15.9	15.8	16.6	16.9	16.7	17
17.4	17.2	16.7	15.3	**14.4**	15.4	16.4	16.9	17.5	17.3	17.9	18	17.1
19	18.9	**19.5**	18.3	18.4	18.2	18.3	18.6	18.7	18.3	18.3	18.4	18.4
16	15.8	**15.3**	15.8	15.7	16.4	16.2	16.9	17.1	17.6	18	18.4	17.1
18.6	18.3	17.1	15.9	**14.8**	16	16.9	17.7	17.9	18.5	18.6	18.4	17.8
16.7	**15.2**	16.1	16.5	16.4	15.9	17.1	17.7	17.7	18.2	18.7	19.1	17.7
18.6	18.8	**17.1**	17.5	17.6	17.4	17.7	18	17.9	18.1	18.5	18.1	18.5
19	18.6	18.1	15	**14.3**	15.1	16.1	16.8	17.2	17.6	17.7	17.8	17.9
19.2	19.6	18.2	19.5	18.5	**17.4**	19	19.5	19.6	18.5	18.8	19.5	19
14.9	15.6	15.9	16.1	15.3	15.6	15.7	15.7	16.3	16.7	16.6	16.4	**16.9**
16.1	17.8	17.1	16.8	16.5	17	17.6	17.5	17.6	17.9	**18.1**	18	17
14.1	**13.6**	14.1	14.3	14.7	15.7	16.5	17.1	17.3	17.3	17.6	18.1	**16.9**
18.4	19.1	17.9	17.2	**16.6**	16.7	17.7	17.5	17.8	18.3	18.5	18.5	18.3
19	18.6	18.4	18.4	17.6	17.5	17.7	17.4	**17.2**	17.6	17.5	17.3	18.4
19.2	18.3	18.6	18.6	20.1	**20.3**	19.6	20.1	19.9	19.3	19.4	19.3	18.6
20.4	21.2	21	21	21.8	**22.4**	21.7	22.2	22	21.7	21.7	21.4	20.1
18.4	**17.5**	**17.5**	18	17.6	17.7	18.6	19.4	19.6	19.7	19.6	20	19.8
17.9	**17.7**	17.8	18	18.1	18.1	18.6	18.8	19	19	19.1	19.2	18.7

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1		Cu.		Cu.		Cu.		Cu.		Cu.
2		Cu.		Cu.		Cu.		Cu.	Ci.	Cu.
3	Ci.	Cu.		Fr.-Cu.		Cu.		Cu.		Cu.
4		Cu.		Cu. ESE		Cu.		Cu.		Cu.
5		Cu.		Fr.-Cu.		Cu. E		Cu.		Cu.
6		Cu.	Ci.	Cu.	Ci.	Fr.-Cu.	Ci.	Cu. E		Cu.
7	Ci.	Cu.	Ci.	Cu.		Cu.		Cu.		Cu.
8		Cu.		Fr.-Cu. E		Cu. E		Cu.		Cu. E
9		Cu.		Cu. E		Cu. E		Cu. E		Cu.
10		Cu.		Cu.		Cu. E		Cu. E		N.-cf.
11		Cu.		Cu.		Cu.		Cu.	Ci.	Cu.
12	Ci.	Cu.	Ci.	Cu.		Cu.		Cu. E		Cu.
13	Ci.	Cu.		Cu.		Cu. E		Cu. E		Cu.
14		Cu.		Cu.		Cu.		Cu.		Cu.
15		Cu.	A.-Cu.	Cu.		Cu. E		Cu. E		Cu.
16	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.-S.	N.-cf. E	Ci.-S.	Cu.-N.
17	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
18	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.
19		Cu.		Cu.		Cu. E		Cu. E		Cu.-N.
20		Cu.		Fr.-Cu. E		Cu. E		Cu.		Cu.
21	A.-Cu.	Cu.		Cu.-N. E		Cu.-N. E		Cu.		N.-cf.
22	A.-Cu.	Cu. E		Cu.-N. E	A.-Cu.	Cu.-N. E	A.-Cu.	Cu. E	Ci.-S.	Cu.
23	Ci.	Cu.		Cu.		Cu.		Cu.		Cu.
24		Cu.	Ci.-S.	N.-cf.		Fr.-Cu. E		Cu. E		N.-cf.
25		Cu.		Cu.		Cu. E		Cu. E		Cu. E
26		Cu.	A.-Cu.	Cu. E		Cu. E		Cu. E		Cu.
27	Ci.	Cu.		Fr.-Cu.		Cu. E		N.-cf. E		N.-cf.
28		Cu.		Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
29		Cu.		Cu.		Cu.		Cu.		Cu.
30		Cu.		Cu.		N.-cf.		Cu. E		Cu. E

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu. E	Ci.	Cu.		Cu.-N.		Cu.-N.		Cu.-N.
2		Cu.		Cu.		Cu.		Cu.		Cu.
3	Ci.	Cu.		Cu.		Cu.		Cu.		Cu.
4	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
5		Cu.		Cu.		Cu.		Cu.		Cu.
6		Cu.		Cu.		Cu.		Cu.		Cu.
7		Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
8		Cu.		Cu.		Cu.		Cu.		Cu.
9		Cu.		Cu.		Cu.	Ci.	Cu.	Ci.	Cu.
10		Cu.		Cu.		Cu.		Cu.		Cu.
11	Ci.	Cu.	Ci.	Cu.		Cu.		Cu.		Cu.
12		Cu.		Cu.		Cu.		Cu.		Cu.
13		Cu.		Cu.		Cu. E		Cu.		Cu.
14		Cu.		Cu.		Cu.		Cu.		Cu.
15		Cu. E		Cu. E		Cu. E		Cu.	A.-Cu.	Cu.
16	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E
17		Cu.	Ci.	Cu.	Ci.	Cu.		Cu.	Ci.	Cu.
18	Ci.	Cu.	Ci.	Cu.		Cu.		Cu. E		Cu. E
19		Cu.-N.		Cu.-N.		Cu.-N.		Cu.	Ci.	Cu.
20		N.-cf.		Cu. E		Cu.-N. E		Cu. E		Cu. E
21		N.-cf.		Cu. EbyN		Cu. EbyN		Cu. EbyN		Cu.
22		Cu.-N.		Cu.-N.		Cu.-N. E		Cu.		Cu.
23		Cu.		Cu. E		Cu. E		Cu.		Cu.
24		Cu.		Cu.-N. E		Cu.-N. E		Cu.		Cu.-N.
25		Cu.		Cu.		Cu.		Cu.		Cu.
26		Cu.		Cu. E		Cu.		Cu. E		Cu. E
27		Cu.-N.	Ci.-S.	Cu. EbyN	Ci.-S.	Cu. EbyN	Ci.-S.	Cu.	Ci.-S.	Cu.
28	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.		Cu.
29		Cu.		Cu.		Cu.		Cu.		Cu.
30		Cu.		Cu.		Cu.-N.		Cu.-N.	Ci.-S.	Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	Calm	Calm	NE 0.5	Calm	E 1	Calm	Calm	Calm	SW 2	WSW 1	WSW 1.5	WSW 1
2	E 0.5	E 0.5	E 1	Calm	E 1	Calm	Calm	ESE 0.5	E 1	SSE 7	SE 3.5	SSE 4
3	SW 1.5	S .5	S .5	Calm	S .5	SSW 1.5	Calm	Calm	SE 1	SE 1.5	SE 1.5	SE 5
4	SSE .5	Calm	Calm	SSE 1	Calm	Calm	Calm	SE 1	ESE 1	ESE 1	S 5	ESE 1
5	S 1.5	S 1	SSW 1	SSW .5	SSE .5	SE 1	Calm	Calm	Calm	SSE 1.5	SSE 1.5	Calm
6	Calm	SE .5	E 1	E 1	E 1.5	Calm	Calm	ESE 4	ESE 2.5	ESE 3.5	SE 1.5	SE 6.5
7	ESE 1.5	N .5	N 1	N .5	N .5	Calm	Calm	Calm	Calm	NNW 2	W 5.5	WNW 1
8	E 1	E 1.5	E .5	E .5	E 1.5	Calm	Calm	ENE 4.5	NE 1.5	NW 3	WNW 5.5	Calm
9	ESE 2.5	E 3	ENE 2	NE 1.5	NE 1	Calm	Calm	Calm	NW 2.5	W 1	W 1.5	SE 6.5
10	E 2	Calm	E .5	Calm	NNE .5	Calm	Calm	Calm	WSW 3.5	WNW 2	WNW 4	SE 3.5
11	E 2.5	ESE 1.5	ESE 1.5	E .5	ESE 1.5	Calm	E 3.5	EbyS 4	SE 5.5	ESE 4.5	SE 3	SE 3
12	E 2	E 1.5	ENE 2	ENE 2	ENE 1.5	Calm	Calm	Calm	ENE 2	ESE 3.5	ESE 4.5	SE 5.5
13	E .5	Calm	Calm	Calm	E .5	Calm	Calm	WSW .5	SW .5	W 1	ESE 8	ESE 7
14	E 1.5	E 1.5	E 1.5	E 2	E 2	Calm	ENE 1	ESE 3.5	NE 3.5	E 3.5	ESE 4	ESE 5.5
15	SE 1.5	SE .5	SE .5	SE 1	SE .5	Calm	Calm	Calm	WSW 1.5	WSW 3	Calm	SE 5.5
16	E .5	E .5	E 1	E .5	ENE 1.5	Calm	Calm	Calm	Calm	WSW 1.5	W 4	WNW 3.5
17	SE 2	SE 2	SE 1.5	SE 1.5	SE 2	ESE 1	E 1	Calm	NNE 1	W 4	W 3	SE 5
18	ESE 1.5	E 1	E .5	E .5	E 1	E 1	Calm	Calm	WSW 2	W 2	W 2.5	WSW 3
19	SE .5	SE .5	SE .5	SE .5	SE .5	Calm	Calm	E 1.5	ENE 3	ESE 1	ESE 4.5	ESE 4.5
20	Calm	Calm	E .5	NE .5	NE .5	Calm	Calm	Calm	W 5.5	WSW 4	W 5	ENE 3
21	ESE 1.5	Calm	NNE 1	ENE 1.5	ENE .5	Calm	Calm	Calm	Calm	WNW 1.5	WSW 2	WNW 5.5
22	Calm	E 1.5	NW 1.5	NE 1	N 1.5	Calm	Calm	Calm	S 2	ESE 1	SE 3	ESE 3.5
23	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ENE 2	ESE 3.5	EbyS 6	ENE 5
24	E 1	E 1	E 1	E 1	E 1	Calm	Calm	Calm	ENE 1.5	ENE 1.5	E 6	ESE 4
25	ENE .5	ENE .5	E .5	Calm	ENE .5	Calm	NNE .5	Calm	NE 3	W 4	W 3.5	SW 4
26	ENE .5	Calm	Calm	Calm	N .5	Calm	NNE 1	ESE 1.5	Calm	NE 1.5	W 2.5	WNW 3
27	ESE 3.5	ESE 1.5	ESE 2	ESE 1.5	ENE 1.5	Calm	Calm	SSW 1.5	W 2	WSW 5	WSW 1.5	SE 5.5
28	SE .5	SE .5	N 1	N 1.5	Calm	Calm	Calm	Calm	WSW 1	W 3	W 3.5	W 2
29	SE 1	SE 1.5	SE 1	Calm	SE .5	ESE .5	Calm	Calm	NNE .5	NW 3	WSW 2	WSW 4.5
30	SE 2.5	E 2.5	E 1.5	NE 1.5	NE 1	Calm	Calm	Calm	WSW 2	WSW 6	WSW 3	SE 4
Mean	1.2	0.8	0.9	0.7	0.9	0.2	0.2	0.8	1.8	2.7	3.4	3.8

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WNW 0.5	W 3	WSW 2.5	SW 7.5	SWbyS 5.5	S 1.5	SW 3	SW 2.5	S 2	SE 1	NE 0.5	E 1.5	1.6
2	SE .5	SE 1.5	WSW 5.5	WSW 4.5	SWbyW 1	WSW 4.5	SW 4	SSW 3	SSW 3	SSW 2	S 1.5	SW 1	2.1
3	SSE 5	SSE 5	SE 4	SW 4.5	SW 5.5	WSW 5.5	SW 5.5	SW 4.5	SW 3	SSE 2	SSE 1	S 1	2.5
4	Calm	W 3.5	W 6	SW 9	SW 4.5	SW 4.5	SW 5	SSW 3.5	SW 2.5	SbyW 2	SSW 1	SSW .5	2.2
5	Calm	W 4	WbyS 2	SW 3.5	SW 2.5	SSW 4	SSW 3	SSE 3.5	SE 3.5	ESE 2.5	SE 2	SE 2	1.7
6	SE 7	SSE 5	SE 3.5	SE 2	SE 2.5	ESE 5.5	SEbyE 2	SE 3.5	SE 4	SE 3	SE 3.5	Calm	2.6
7	WNW 4	WNW 5	WSW 3.5	SW 4	SW 5	SW 5	Calm	NE .5	N 2.5	N 3	NE 2	E .5	2
8	SE 6	SE 8.5	ESE 6	ESE 4	ESE 3	ESE 7.5	E 2.5	EbyS 2.5	SEbyE 2	ESE 3	ESE 3	ESE 3	2.9
9	ESE 6.5	SE 4.5	SE 7.5	ESE 6	ESE 6	ESE 1.5	E 1.5	EbyN 2.5	E 1	E .5	ESE 3	Calm	2.6
10	ESE 7.5	ESE 4	ESE 6.5	ESE 3.5	ESE 3.5	EbyS 1	ESE 1.5	E 2	ESE 2	ESE 2	E 2	ESE 2.5	2.2
11	SE 9.5	SE 8	SE 7.5	SE 7.5	ESE 6	ESE 5	ESE 3.5	E 2	ESE 2.5	SEbyE 2	ESE 3	ESE 3	3.8
12	SE 6	SE 3.5	SE 5.5	SE 6	ESE 5.5	E 4	EbyS 1	EbyS 2.5	ESE 2.5	E 2	EbyN 2.5	ENE 2.5	2.8
13	ESE 6	E 5.5	E 4.5	E 5.5	E 5.5	E 4.5	E 4	ESE 4	ESE 3	E 2.5	ESE 2.5	E .5	2.8
14	SE 9	SE 9	SE 10.5	SE 9.5	SE 8	SE 6	E 2.5	E 3	E 2.5	E 1	SE 1.5	SE 1.5	3.9
15	SE 9	SE 9.5	SE 5.5	ESE 5	ESE 5	SEbyS 3.5	ESE 3.5	ESE 2.5	ESE 2	ESE 2.5	ESE 2	ESE 1.5	2.7
16	WNW 4	Calm	W 1.5	SE 3	ESE 5.5	SEbyS 3.5	ESE 3.5	SE 4	E 2	E 2	E 2	SE 2	1.9
17	SE 6.5	SE 7	SE 5	SE 3	SE 4	ESE 4	SE 3.5	SE 4	SE 4	SE 3.5	SE 3	SE 2.5	3.1
18	WSW 3	SE 2	SE 4.5	SE 4.5	SE 3.5	SE 8	ESE 3	ESE 2	ESE 2	ESE 2	SE 1.5	SE 1	2
19	ESE 4	ESE 4.5	ESE 3.5	ESE 1.5	ESE 2.5	E 2.5	ENE 2	EbyS 2.5	ESE 2.5	ESE 2	ESE .5	E .5	1.9
20	E 3.5	SE 4.5	E .5	ENE 6.5	E 2.5	ENE 2	E 1	ENE 4	ENE 4	ENE 2	Calm	ENE 1.5	2.1
21	W 4	WSW 5	WSW 3	ENE 6	ENE 5	ENE 6	ENE 3	NE 2.5	Calm	NE 1	SE 2	E 1	2.2
22	SE 8	Calm	ESE 5	ESE 5	ESE 6.5	ENE 2.5	EbyS 1.5	ESE 2	ESE 2.5	ENE 3	ESE 2	E 1	2.2
23	E 3	E 2	E 6	E 3	ENE 1	E 3	E 1	E 3	ESE 2	ESE 2.5	ESE 2	EbyS 3	2
24	E 4.5	SE 5	ENE 5.5	E 5.5	E 2	E 5.5	E 1.5	E 2.5	E 2	ENE 1	Calm	Calm	2.2
25	NE 9	E 7	E 8	ENE 4	NE 7	ENE 4	ENE 2	E 2.5	ENE 2	E .5	Calm	E 1	2.7
26	ESE 2	ESE 6.5	ESE 4	E 2.5	E 4.5	ENE 1.5	ENE .5	E 2.5	E 3	SE 2.5	ESE 3	ESE 3	1.9
27	ESE 3.5	ENE 8	E 7	ENE 6	ENE 3	E 7	ENE 3	E 3	EbyS 2	ESE 3.5	ESE 2	ESE 1.5	3.1
28	WSW 3	SE 5	SE 6	SE 3	SE 7	SE 3.5	SE 1.5	ESE 3	SE 3	ESE 1.5	SE 1	Calm	2.1
29	W 2.5	W 1.5	WSW 1.5	SW 2.5	SE 2.5	SE 2.5	NNE 1.5	SE 3	SE 3	E 1	Calm	E 3	1.6
30	ESE 5	SE 2	SE 8.5	SE 4	SEbyE 2	SE 3.5	SE 3.5	SE 3.5	SE 3	SE 3	SE 2.5	SE 2	2.8
Mean	4.7	4.6	5	4.7	4.2	3.9	2.5	2.9	2.5	2.1	1.8	1.5	2.4

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	0	0	2	0	1.5	1.5	0	0	5	8	17	8
2	2	0	3	1	3	2	2	2	6.5	10.5	15	14
3	2.5	3	2	.5	1.5	.5	2.5	3	10	11	16.5	15.5
4	1	0	0	.5	1.5	.5	.5	2.5	5.5	6.5	9.5	9
5	5	5	3	1	3	3	4	5	5	6	14	8.5
6	.5	2	5	4	4	4	4	9	13	15	21	13.5
7	2.5	2	3	.5	2.5	3	4.5	4.5	4.5	5	17	19
8	1	2	0	0	0	.5	.5	7.5	12.5	13	18	12
9	10	11	11	5	4	0	0	0	9	9	15	11
10	3	.5	.5	0	0	0	1	1	3	8	17	10.5
11	6	5	3.5	3	3	2	1.5	10.5	13	13.5	19.5	21
12	8	6	7	7	5	5	1	4	8	12	20	21
13	4.5	2	0	0	0	1	1	1	5	5	12.5	18
14	2	2	3	2.5	4	5	4.5	10	11.5	12	18	23.5
15	4	1	1	1.5	.5	0	0	.5	3.5	10	10.5	17.5
16	1.5	.5	1.5	2.5	4.5	3	.5	0	5	7	11	12
17	5	5	5	3	5	6	4	5	1.5	9.5	15.5	15
18	7	3.5	1.5	1	1	2.5	3	2	4.5	9.5	19	15
19	0	1	0	0	0	.5	.5	3	5.5	5.5	16	20
20	2	0	1	1	0	3	0	.5	5.5	12	18.5	9.5
21	5	2.5	1	2.5	2.5	1	0	.5	8	4	6.5	15.5
22	.5	1	3	2	3	3	2	6.5	3.5	17	9	15
23	0	0	1	0	1	1	3.5	.5	10	12	20	17
24	6	1.5	1.5	1	2	2	3	2.5	3.5	10	15	18
25	0	0	0	.5	.5	0	1	1.5	2.5	16	17	15
26	.5	1.5	0	0	1	5	6	4	4	8	14	9.5
27	13	9	3.5	3.5	3	1	1	2	5.5	12	15	17
28	0	0	.5	2.5	3	0	1	.5	5.5	15	20	14
29	1.5	3.5	3.5	2	1	4	5	4	3	10	19.5	16.5
30	9.5	10	4.5	5	4	2	2	1.5	5.5	10	19	14.5
Mean	3.4	2.7	2.4	1.8	2.2	2.1	2	3.2	6.3	10.1	15.8	14.8

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	2	0	0	1	1	0	3	3	2	2	3	4	1.8	10	30
2	1	1	3	2	2	3	2	1	1	1	0	3	1.7	9	55
3	3	1	2	2	2	2	2	2	2	2	2	2	2	9	20
4	8	1	4	1	1	1	4	4	2	1	1	2	2.5	9	40
5	8	3	3	4	1	1	2	0	0	0	0	2	2	9	20
6	1	1	2	2	2	1	2	0	0	0	0	1	1	10	50
7	5	1	1	1	1	1	2	3	3	3	3	4	2.3	9	50
8	0	0	1	3	2	2	2	3	3	1	1	1	1.6	10	35
9	1	1	4	8	5	5	3	1	2	2	3	0	2.9	9	45
10	2	1	1	8	3	4	4	2	2	2	1	0	2.5	9	35
11	2	1	1	1	0	1	2	2	1	0	1	1	1.1	11	05
12	1	1	1	1	1	1	2	1	1	2	1	0	1.1	10	40
13	2	1	1	4	4	6	6	3	4	2	1	1	2.9	10	20
14	1	1	1	1	1	1	1	1	1	1	0	0	.8	11	00
15	2	1	4	4	5	6	2	2	3	3	6	4	3.5	9	40
16	2	4	2	5	7	7	7	7	7	8	9	10	6.2	7	05
17	3	3	4	4	7	3	4	3	2	1	1	3	3.2	10	30
18	5	4	6	6	8	9	4	2	2	4	3	4	4.8	9	55
19	1	1	1	4	5	7	8	3	3	4	3	3	3.6	9	00
20	1	1	2	3	2	3	7	5	7	7	5	7	4.2	8	10
21	1	5	10	9	6	10	7	4	4	3	1	1	5.1	6	55
22	1	7	10	5	8	8	9	8	7	3	1	1	5.7	7	05
23	2	2	3	4	3	5	5	3	4	3	2	0	3	10	40
24	2	1	8	4	3	10	3	5	6	4	7	4	4.8	8	30
25	2	2	2	3	7	4	1	1	1	1	1	1	2.2	11	10
26	1	2	4	2	3	3	2	3	3	6	7	3	3.2	8	05
27	1	1	3	3	9	8	10	6	6	6	6	8	5.6	9	05
28	1	1	1	2	3	5	4	5	3	4	1	3	2.8	10	30
29	2	0	1	1	1	2	1	2	4	3	2	3	1.8	11	10
30	1	1	4	9	3	4	4	2	1	2	2	2	2.9	9	30
Total														289	25
Mean	2.2	1.7	3	3.6	3.5	4.1	3.8	2.9	2.9	2.7	2.5	2.6	3	9	39

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
9	12	12	15	**18.5**	8	9.5	10	5	3	3	2	**6.2**
11	9	13	20.5	18.5	19	**21**	20	11	9	5	4.5	9.3
17	17	14.5	17.5	19	**20**	19.5	15.5	11.5	9	4.5	3.5	9.9
7.5	10	15	20	21	20	**25**	17	12	10	4	1	8.3
5.5	7	16	14	**20**	16	13	12	12	8	5	1.5	8
19.5	18.5	**21.5**	20.5	17.5	17.5	14.5	13.5	14	12.5	13.5	7	11.9
13	16	13	13	20	**21**	3.5	1.5	2.5	8	8.5	0	7.8
26	**30**	28	28	22	20	12	9	6	11	10	10	11.6
30	25	26	24	21	16	13	11	3	1	6	6	11.1
22.5	**26.5**	20	19.5	20	14.5	8	10.5	7	5	5.5	6	8.7
24	23	**24**	**24**	23	17	13	9	6	9	8	11	12.2
25	27	**28**	24	25	21	17	8	9	5.5	7.5	8.5	**12.9**
19.5	20.5	16	20.5	**25**	21.5	11.5	13.5	10.5	9.5	8	2	9.5
27.5	28	**31**	29	26	21	10.5	8.5	9	4	5	5	12.6
21	**25**	**25**	20	18.5	14	14.5	9.5	6	9.5	6.5	3	9.3
16	11	12	14.5	**21.5**	17	13	14.5	6.5	6	6	6	8
24	21	22	16	18	16	12	14	12	13.5	10.5	6.5	11
12.5	9.5	13	18	17	13	10	7	3	3.5	3	1.5	7.5
25	**26**	21	17	15	13	14	9	9	8	4.5	1.5	9
15	21	16.5	**22.5**	18	16	11	14.5	14.5	10	2	2	9
16	14	16	10	**19.5**	17	13	8.5	0	1	6	3.5	7.2
24	14	13	23	21	13	8	6	8	9	7	4	9
21	18	19	**24**	18	19	12	11	8.5	8.5	9	7	10
14	18	**26**	21	14	19	14	8	8	4	0	0	8.8
14	18	17	**21**	20	15	10	8	5	4	0	1	7.8
18	**26**	23.5	23.5	17.5	13.5	7	9.5	12	10	12.5	13	10
22	**24**	16	18	16	17	11	13	11	8	10	8	10.8
16	17	**21**	**21**	19	19	18	10.5	8.5	9	1	.5	9.3
13	14	11.5	8.5	11.5	16	10.5	5	13	3	1.5	2.5	7.6
18.5	**19**	**19**	17	16	12.5	8.5	13	11	9.5	9.5	5	10.2
18.2	18.8	19	**19.5**	19.2	16.8	12.6	10.7	8.5	7.4	6.1	4.4	9.5

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1			2		2		1		2		5	4	1	1			6	**150**	6.4	
2					5	1	3	2	1	3	2	4					3	222.5	7.3	
3							5	4	4	1	6	1					3	237	7.4	
4						3	1	2	1	4	5		2				6	199.5	7	
5						1	4	4	2	4	2		2				5	192.5	7.5	
6					3	4	12	1									4	285	9.6	
7	6		2		1	1					3	1	1	3		1	5	188	7	
8			1	1	6	8	3							1	1		3	279	9.6	
9			2	1	5	6	3						2		1		4	267	8.1	
10		1			4	10	1					1		2			5	209.5	8.4	
11					4	11	8										1	292.5	10	
12				5	5	6	5										3	**309.5**	9.8	
13					10	6					1	1	1				5	228	9.1	
14			1	1	10	3	8										1	302.5	9.4	
15						8	9	1				2					4	222.5	8.1	
16				1	7	2	3	1				1	2	2			5	193	7.4	
17		1			1	2	17						2				1	265	9.4	
18					5	5	7					3	2				2	180.5	8.1	
19				2	3	12	5										2	215	9.7	
20			2	7	5		1					1	2				6	216	8.3	
21		1	2	6	1	1	1					3	1	2			6	173.5	6.6	
22	1		1	1	2	10	2		1						1		5	215.5	**6**	0.5
23				4	6	6											8	241	**10.1**	
24				4	13	1	1										5	212	7.8	
25		1	3	7	6						1		2				4	187	8.8	
26	1	1	1	3	4	6	1						1	1			5	239.5	8.1	
27				5	3	9	1			1		2	1				2	259.5	7.5	
28	2					2	10					2	3				5	222.5	8	
29		2			2	1	8				1	3	2		1		4	183.5	8	
30			2		2	1	13					3					3	246	8.1	
Total	10	7	19	48	115	126	133	15	11	13	26	32	27	12	4	1	121	6,834.5	246.6	0.5
Mean	0.3	0.2	0.6	1.6	3.8	4.2	**4.4**	0.5	0.4	0.4	0.9	1.1	0.9	0.4	0.1	0	4	227.8	8.2	0

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	761.60	8.45a.	35.7	0.35p.	92	23.6	757.63	4.00p.	23.7	6.10a.	48	**19.3**
2	61.47	9.00a.	37.1	1.55p.	93	23	57.80	4.35p.	23.5	5.55a.	44	18.5
3	61.50	8.45a.	37.8	2.35p.	**96**	22.8	58.41	3.00p.	24.3	5.50a.	37	16.7
4	61.85	8.25a.	37	1.05p.	93	23.7	58.35	3.15p.	24.5	5.20a.	41	18.1
5	62.45	9.05a.	37.4	1.35p.	90	**25.2**	58.80	3.30p.	**25**	4.15a.	44	18.6
6	62.97	8.00a.	37	2.20p.	95	22.8	59.25	3.30p.	24.3	5.50a.	37	15.3
7	62.77	8.00a.	35	3.05p.	90	21.4	59.70	4.15p.	21.3	6.00a.	45.5	16.3
8	62.80	8.50a.	36.1	0.30p.	95	19.7	59	2.55p.	22.5	6.15a.	42	15.5
9	**63.25**	10.10a.	36.8	0.55p.	87	20	**59.99**	4.00p.	21.9	5.50a.	43	16.8
10	63.09	8.00a.	36.4	2.35p.	89	20.5	59.10	3.40p.	23.2	4.35a.	42	17.2
11	61.65	0.05a.	36.6	1.55p.	91	20.9	57.85	3.20p.	23.7	6.05a.	34	13.8
12	62.20	8.30a.	36.4	0.50p.	87	20.7	58.75	3.30p.	21.5	4.55a.	41	16.2
13	63.02	9.00a.	37.6	1.55p.	92	20.8	59.85	3.05p.	23.6	4.55a.	39	15.9
14	62.90	8.40a.	35.7	0.50p.	88	18.7	58.85	4.10p.	22.9	3.45a.	38	15.5
15	61.79	9.00a.	36.1	2.30p.	86	18.9	58.15	3.50p.	21.2	6.10a.	38	14.4
16	61.35	8.50a.	35.7	3.35p.	89	19.5	57.35	4.10p.	22	6.00a.	49	17.5
17	**59.93**	8.00a.	36.2	1.05p.	86	18.6	**56.20**	4.15p.	22.5	4.05a.	37	15.3
18	60.25	9.45a.	36.7	2.55p.	90	19.3	56.70	4.00p.	22	5.30a.	38	14.8
19	61.02	9.00a.	36.8	1.50p.	93	19.2	58.29	3.00p.	22.4	6.00a.	35	15.2
20	61.65	8.05a.	37.7	1.15p.	90	19.8	59.05	2.10p.	23.4	5.55a.	41	17.1
21	62.15	8.35a.	34.9	4.20p.	**84**	20.4	58.57	3.00p.	23.8	6.00a.	39	14.3
22	62.55	9.40a.	**84.6**	0.30p.	88	21.6	58.90	4.10p.	23.3	4.40a.	**50**	17.4
23	62.45	8.45a.	37.7	0.10p.	95	19.3	59.65	2.30p.	22.4	6.00a.	**32**	14.2
24	62.33	9.00a.	35.8	1.40p.	90	**18.1**	59.51	4.00p.	**20.6**	5.45a.	38	15.4
25	61.95	8.20a.	36.5	2.25p.	95	18.8	57.81	3.00p.	21.5	5.20a.	**32**	**13.6**
26	61.50	8.40a.	36.1	2.05p.	85	20.3	57.70	3.25p.	23.4	5.35a.	43	16.6
27	60.54	9.00a.	35.9	2.45p.	92	20.2	57.30	4.15p.	22.4	5.45a.	47	17.2
28	60.90	8.30a.	36.4	2.20p.	94	20.3	57.65	3.55p.	20.7	5.30a.	44	17.2
29	60.75	0.05a.	36.5	4.10p.	93	22.4	56.60	4.05p.	22.1	5.35a.	**50**	17.8
30	60	8.45a.	**38**	2.05p.	91	21.5	56.65	4.15p.	24.5	5.40a.	38	17.5
Mean	761.82	--------	36.5	--------	90.6	20.7	758.31	--------	22.8	--------	40.9	16.3

DAILY GENERAL REMARKS.

1----⊤° E, d° in the afternoon.
2----Fair weather.
3----Do.
4----Somewhat gusty SWly winds in the afternoon.
5----Fair weather.
6----Somewhat gusty SEly winds in the afternoon.
7----Fair weather.
8----Somewhat gusty SEly winds in the afternoon.
9----As yesterday.
10----Do.
11----Do.
12----Do.
13----Somewhat gusty Ely winds in the forenoon and afternoon; ⚡ S at night.
14----Gusty SE winds at intervals in the afternoon.
15----As yesterday.
16----Convergence of Ci. toward NNW in the morning.
17----Somewhat gusty SE winds in the afternoon.
18----Cloudy weather.
19----As yesterday.
20----Do.
21----d° 8.35 a. m.
22----●° in the morning; somewhat gusty SEly winds in the afternoon.
23----Fair weather.
24----d° 2.45 p. m.
25----Somewhat gusty NEly winds in the afternoon.
26----Somewhat gusty Ely winds in the afternoon.
27----As yesterday.
28----Somewhat gusty SE winds in the afternoon.
29----⚡ NW in the evening.
30----⚡° N in the evening.

OBSERVATIONS FOR MAY, 1915.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.15	58.70	58.55	58.60	58.65	58.76	59.29	59.73	**59.78**	59.76	59.39	58.56
2	58.70	58.15	57.95	58.05	58.30	58.59	58.98	59.36	**59.55**	59.32	58.86	58.17
3	58.25	58.15	57.90	57.75	57.75	57.91	58.29	58.91	59.11	59.02	58.50	57.70
4	58.20	57.65	57.30	57.15	57.35	57.64	57.84	58.28	58.40	58.20	57.76	57.32
5	57.10	56.75	56.90	57.30	57.50	57.82	58.27	58.43	58.56	58.11	57.71	57.06
6	58.40	57.90	57.65	57.75	57.90	58.17	58.56	59.06	59.01	58.94	58.69	58.23
7	57.90	57.35	57.30	57.55	57.65	58.23	58.69	**59.01**	58.88	58.54	58.29	57.95
8	58	57.55	57.40	57.50	57.90	58.22	58.84	**59.32**	**59.32**	59.05	58.62	58.16
9	57.95	57.80	57.65	57.85	58.05	58.48	58.94	**59.57**	59.24	59.11	58.65	58.24
10	58.15	57.95	57.60	57.60	57.85	58.12	58.68	**59.17**	58.90	58.75	58.14	57.52
11	58.10	57.65	57.60	57.65	57.90	58.09	58.68	58.87	58.87	58.94	58.56	57.94
12	58.55	58	57.75	57.60	57.70	58.48	59.17	59.42	**59.47**	59.14	58.55	57.94
13	**59.20**	59	58.30	58.15	58.25	58.57	59	59.15	59.13	58.82	58.56	58.08
14	58.20	57.80	57.70	57.70	57.95	58.15	58.63	59.05	59.19	59.01	58.57	57.86
15	58.20	57.65	57.45	57.55	58	58.52	58.79	**59.18**	59.05	58.98	58.73	58.45
16	57.90	57.45	57.15	57.40	57.60	58.09	58.49	58.67	58.83	58.37	57.76	57.25
17	58.20	58	58.05	58.10	57.75	58.21	58.76	58.82	58.87	58.69	58.53	57.67
18	58.90	58.45	58.45	58.75	58.90	59.32	59.84	59.67	59.92	59.93	59.81	59.53
19	59.80	59.40	58.50	**58.30**	59.15	59.87	60.27	**60.48**	60.37	60.27	59.59	59.37
20	58.80	58.05	**57.85**	57.95	58.20	58.84	59.42	**59.63**	59.11	59.07	58.61	58.82
21	57.75	57.45	57.40	57.35	57.20	57.76	57.99	58.34	58.50	58.32	58.03	57.26
22	57.80	57.40	56.90	56.65	56.90	57.53	57.69	57.93	57.94	58.16	57.71	57.48
23	58.10	57.75	57.55	57.95	58	58.33	58.64	58.73	58.54	58.54	58.12	57.87
24	58.30	58	57.65	57.60	57.85	58.04	58.43	58.83	58.91	58.93	58.51	57.86
25	59.05	58.65	58.65	58.70	58.80	59.19	59.53	59.52	59.47	59.42	59.08	58.62
26	59.90	59.60	59.35	59.10	59.15	59.38	59.73	59.97	59.88	59.73	59.25	59
27	59.50	58.90	58.40	58.10	58.40	58.62	58.94	59.23	59.39	59.40	59.07	58.75
28	58.85	58.65	58.45	58.55	58.90	59.21	59.74	59.79	**59.89**	59.86	59.71	59.45
29	59.20	58.95	58.85	58.75	58.85	59.19	59.62	**59.71**	59.64	59.57	59.21	58.92
30	58.50	58.30	58.10	58.05	58.05	58.28	58.46	58.46	58.57	**58.62**	58.60	58.17
31	57.45	57.10	56.95	56.80	56.95	57.43	57.78	58.02	**58.22**	58.02	57.57	57.07
Mean	58.45	58.07	57.85	57.87	58.04	58.42	58.84	59.11	59.11	58.99	58.60	58.14

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	26	25.1	24.5	23.7	23.2	**22.7**	27.1	30	30.6	32.4	32.4	33.1
2	25.7	25.4	24.9	24.4	**24**	**24**	28	29.7	30.5	31.6	31.5	32.6
3	26.5	26.2	25.6	26.1	24.9	**24.7**	28.5	30.9	30.5	31.7	32.2	33.4
4	27.6	26.5	26	25.9	**25.5**	**25.5**	27.6	30.1	30.8	30.9	31.9	32.9
5	26.3	26.3	26.2	25.4	**25.2**	25.3	29.5	31.9	32.4	32.7	32.5	32.8
6	26.3	25.9	25.3	25.2	24.8	**24.7**	29	31.7	33.3	32.9	33.7	35.6
7	26.9	26.9	26.4	25.3	24.7	**24**	26.8	30.9	30.7	32.8	33.3	35.3
8	26.3	26	25.6	25	**24.5**	24.7	28.8	31	32.5	33.2	33.9	**34.9**
9	24.6	24.5	24.3	**23.8**	24.2	24.8	26.7	27.2	30.2	32.2	34.3	33.6
10	26	24.9	24.5	24	23.3	**23.2**	28	30.7	31.1	32.3	35.1	35
11	26.5	26.3	25.4	24.8	24.6	**24.4**	28.4	30.7	32.7	32.6	34.2	**34.7**
12	27.9	26.9	26.2	25.8	**25.4**	25.5	29	31.5	31.8	32.1	33	33.7
13	28.1	27.8	27.9	28.3	27.8	**27.5**	28.7	30.2	31.2	32.8	33.5	34
14	28.3	27.4	26.9	26.3	**26.1**	26.3	29.1	30.7	32.4	33.1	**33.5**	33.2
15	28.7	28.5	28.5	28.4	28.2	**26.9**	27.9	31	31.3	30	31.4	**32.1**
16	27.7	26.8	26.2	26.5	26.3	26.2	27.8	31	31	32.1	33	**34.2**
17	25.7	25.4	25.4	25.4	**25**	**25**	28.3	30.8	32.5	34.2	34.5	35.4
18	26.2	26.2	26.1	25.9	25.8	**25.8**	25.9	27.7	30.4	30.5	29.9	29.8
19	**25.7**	**25.7**	25.8	**25.7**	25.8	26.1	26.7	28.6	30	30.7	**33.2**	**33.2**
20	26.3	26.2	26.1	26.2	26.3	25.9	26.2	27	29.9	30.8	**32.6**	28.4
21	24.5	24.6	24.6	24.5	24.5	**24.4**	25.9	27.6	29.1	30.1	32	32.1
22	26.2	25.9	25.7	**25.5**	**25.5**	25.7	27.5	28.4	29.8	31	31.9	32.2
23	28.3	27.1	27.2	27.2	27.2	27.3	28	26.5	29.1	30.6	31.3	31.7
24	26.5	26.1	25.5	25.4	**25.2**	25.5	27.5	29.7	32.1	32.8	33.4	**35.3**
25	25.4	25.3	**25.1**	**25.1**	25.2	**25.1**	25.8	27.3	29.8	31.8	**32.7**	30.8
26	25.9	25.9	25.7	25.6	**25.1**	**25.1**	26.4	28.8	30	30.9	32.2	33.3
27	25.9	25.6	25	25	**24.8**	25	28.5	30.5	31.2	31.8	32.5	31.8
28	27.2	26.2	25.8	25.4	**25.3**	25.5	27.5	29.4	30.5	31.6	**33.5**	32.3
29	26.7	26.7	26.1	25.7	**25.3**	25.9	28.2	30.5	31.7	31.5	31.7	31.7
30	26.1	**25.6**	**25.6**	26.2	26.1	25.8	28.3	30	30.7	31.2	31.6	32
31	25.9	25.6	25	24.6	**24.5**	24.6	27.6	30.4	30.9	31.3	31.7	31.8
Mean	26.5	26.1	25.8	25.6	**25.3**	**25.3**	27.7	29.8	31	31.8	32.7	33

ATMOSPHERIC PRESSURE, $700^{mm}+$.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57.75	56.90	56.45	**56.14**	56.40	56.99	57.40	58.15	58.95	59.55	59.45	59.20	58.43
57.42	56.61	56.07	**55.99**	56.30	56.95	57.65	58.45	58.95	59.20	58.95	58.50	58.13
56.86	**56.15**	56.47	56.23	56.90	57.28	57.75	58.25	58.90	59.25	**59.30**	58.95	57.98
56.65	55.92	55.44	**55.17**	55.52	56.23	56.85	57.55	57.90	**58.45**	58.25	57.55	57.27
56.49	55.91	**55.62**	56	56.98	57.53	58.03	58.40	59	59.05	**59.10**	58.55	57.59
57.47	57.15	**56.74**	57.03	57.17	57.71	58.27	59.05	59.35	**59.75**	59	58.40	58.22
57.07	56.55	**56.50**	56.53	56.63	56.79	57.75	58.30	58.50	58.80	58.75	58.25	57.82
57.50	56.95	**56.57**	56.66	56.91	57.30	57.76	58.20	58.30	58.40	58.50	58.35	57.97
57.44	56.63	56.30	**56.14**	56.41	57.08	57.70	58	58.50	58.55	58.45	58.45	57.97
56.83	56.24	55.61	**55.43**	55.58	56.17	56.82	57.55	58.05	58.30	58.25	58.40	57.57
57.16	56.64	56.15	**55.89**	55.96	56.69	57.55	58.25	58.75	59.15	**59.25**	59	57.89
57.09	56.32	55.68	**55.63**	55.84	56.52	57.33	58.35	58.90	59.40	59.45	59.40	57.99
57.32	56.82	56.12	55.64	**55.53**	56.23	57.13	57.75	58.25	58.85	59	58.85	57.99
57.15	56.27	**55.85**	55.94	56.75	57.68	58.59	58.85	58.90	**59.20**	59.15	58.75	58.04
57.80	57.26	57.09	**57.06**	57.35	57.52	57.95	58.45	58.65	58.75	58.95	58.55	58.16
56.55	55.78	**55.64**	55.75	55.91	56.84	57.60	58.55	59	59.10	**59.50**	59.05	57.68
56.87	56.68	**56.45**	56.78	57.40	58.27	58.72	59.20	59.15	**59.50**	59.30	59.25	58.22
58.92	**58.42**	58.62	58.62	59	59.47	60.25	60.55	60.60	**60.75**	**60.75**	60.20	**59.48**
59	58.77	58.36	58.35	58.52	58.73	59.53	59.75	59.90	60	60.30	59.85	59.43
58.42	58.33	58.42	58.50	58.05	58.32	58.14	58	58.10	58.25	58.20	58	58.46
56.70	**56.02**	56.11	56.10	56.59	57.23	57.65	58.20	58.55	**58.65**	58.55	57.95	57.57
56.96	56.69	**56.36**	56.55	56.84	57.21	57.70	58.20	58.50	58.95	**59.10**	58.85	57.58
57.52	57	56.84	**56.79**	56.95	57.44	57.85	58.50	**58.90**	**58.90**	**58.90**	58.65	58.02
57.84	**57.36**	57.42	**57.36**	57.75	58.14	58.97	59.10	59.55	**59.60**	59.45	59.15	58.36
58.29	57.81	57.54	**57.32**	57.98	58.45	59.02	59.50	60.25	60.80	**60.85**	60.15	59.03
58.22	57.91	57.48	**57.28**	57.90	58.33	59.01	59.75	60	**60.40**	60.35	60	59.19
58.20	57.93	**57.48**	**57.48**	57.75	58.37	59.02	59.85	**59.90**	59.85	59.75	59.35	58.82
59.07	58.50	58.19	**58.04**	58.25	58.55	58.75	58.90	59.25	59.65	59.80	59.50	59.06
58.30	57.73	**57.14**	57.15	57.28	57.68	58.07	58.45	58.95	59.10	59.15	58.95	58.68
57.50	56.84	56.10	**55.90**	56	56.13	56.45	57.05	57.40	57.55	57.70	57.50	57.60
56.45	56.04	55.59	**55.19**	55.30	55.48	55.90	56.45	56.65	56.95	57.10	57	**56.81**
57.51	56.97	56.66	**56.60**	56.89	57.40	57.97	58.50	58.85	**59.12**	59.11	58.79	58.16

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
34.1	**35.1**	34.4	33.1	32	30.1	29.2	29	28.8	28.5	27.4	26.8	29.1
32.5	32	**33.5**	32.8	31.5	29.6	29.2	28.9	28.7	28.2	28.2	27.1	28.9
34.1	**34.3**	34.1	32.8	31.8	29.9	28.4	28.5	28.8	28.8	28.8	28.4	29.6
33.9	**34.1**	33.4	32.5	31.7	30.4	29.6	29.4	29.3	28.6	28.4	27.4	29.6
33.7	34.3	**35.6**	34.6	33.3	31.1	29.3	29	28.1	27.3	27	26.5	29.8
35.6	**35.7**	34.6	33	32.6	31.2	30.1	29.1	28.5	27.8	27.7	27.2	30.1
35.8	36.2	33.7	31.8	32	31.1	29.8	28.4	28.3	28.2	27.5	26.4	29.7
34.9	33.7	33.3	32.7	32.1	30.6	29	28.1	26.5	25.7	24.7	25.1	29.3
35.9	**36.3**	35.3	33.5	31.5	30	28.8	28.1	27.6	27.2	26.8	26.6	29.1
35.4	36	36.3	**36.5**	34	31.1	29.5	29.1	28.7	27.9	27.8	27	29.9
33.9	33.7	33.2	34.3	32.4	30.9	30.2	29.6	29.6	29.2	29.1	28.8	30
34.6	**35.7**	34.6	34	33	31.3	30.8	29.9	29.6	29.3	29.3	28.8	30.4
34.1	**35**	33.6	32.9	31.7	30.5	30.1	29.7	29.6	29.5	29.3	29.2	**30.5**
33.1	32.2	32.3	32.3	30.6	30.2	29.8	29.7	29.4	29.3	29.2	28.9	30
30.8	31.8	31	30.7	30.2	29.2	29.1	28.5	28.4	28.3	28	28	29.5
33.5	34	**34.2**	32.2	32.5	31	29.9	26.7	25.6	25.4	**25.3**	25.5	29.4
36.6	31.3	32.7	29.9	28.2	26.4	26.3	26.3	26.4	26.4	26.1	26	28.8
32.3	31.7	31.5	30.3	28.8	28	26.4	26.4	26.4	26	26	25.9	27.9
32.9	29.5	32.3	31.3	30.3	28.8	28.7	27.4	27	26.9	26.9	26.8	28.6
26.8	26.3	27	25.3	25.3	25.1	25	25.1	25.4	25.2	24.8	**24.5**	**26.6**
32	32.2	**32.4**	30.8	31.2	29.7	29.1	27.1	26.9	27.2	26.5	26.5	28.1
32.4	32.7	**32.9**	30.6	30.8	30.3	30	30	29.7	28.1	28.2	28.2	29.1
31.8	31.5	**32.3**	31.6	29.8	28.8	28.7	28.5	27.6	27.6	27.4	**26.8**	28.9
31	31.7	31.9	27.7	26.4	26.9	26.8	26.1	26.1	25.9	25.9	25.7	28.2
31.4	**32.7**	32.5	30.1	26.3	27.2	28.2	27.5	26.1	26	26	25.8	27.9
34.2	32.2	33.4	33	32.2	30.2	29.6	29.3	29.1	27.4	26.9	26.2	29.1
32.7	**33.3**	33	32.3	31.6	30.2	29.5	29.4	29	28.8	28.5	28.3	29.3
32.3	32.3	32.8	32.2	30.7	30.1	29.9	29.4	29.4	28.7	27.1	27	29.3
32.4	33	**33.2**	32.5	30.6	30	29.5	29.2	29	28.4	27.5	26.5	29.3
32.6	**33**	32.9	32.7	30.7	29.9	29.6	29.2	28.8	28.6	28.3	27.2	29.3
32	32.9	**33**	32.6	31.5	30.5	29.7	29.5	29.3	29.3	29.2	27.5	29.2
33.2	33.1	33.1	32	30.9	29.7	29	28.5	28.1	27.7	27.4	27	29.2

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	78.5	83	87	88	89	**90**	71	60	64	60	56	50
2	91	90	94	95	**97**	96	78	75	70	64	64	**57**
3	85	86	91	85	92	**93**	74	65	66	63	58	53
4	80	86	85	87	88	**89**	80	71	69	69	65	60
5	89	87	88	**93**	**93**	**93**	75	61	58	62	63	63
6	86	90	93	93	**96**	**96**	74	56	52	54	48	**45**
7	75	76	79	83	85	**90**	78	60	59	52	50	44
8	76	80	82	86	**87**	**87**	69	57	44	41	41	**39**
9	80	80	82	**84**	82	80	74	76	64	58	48	49
10	81	87	86	88	**90**	**90**	70	57	55	51	49	48
11	82.5	83	88	90	**91**	**91**	71	65	56	55	**52**	**52**
12	80	84	88	90	**93**	92	73	63	62	64	63	57
13	82	81	82	80	84	**86**	78	71	69	57	56	**53**
14	86	88	90	93	**94**	93	82	74	68	66	**61**	64
15	83	84	84	84	85	**87**	80	71	68	72	**65**	66
16	82	86	89.5	88	90	90	81	71	69	67	63	57
17	93	94	94	94	**96**	**96**	80	69	62	55	54	50
18	89.5	89.5	89	91	91	91	89	84	74	73	76	76
19	96	96	95	**97**	95	93	89	80	73	70.5	63	**61.5**
20	92	94	94	94	94	**98**	95	94	77	72	**66**	80
21	97	97	97	**99**	98	98	93	88	78	71	**64**	66
22	93	95	96	**97**	**97**	96	87	81	74	67	**65**	**65**
23	82	87	84	84	84	84	82	**91**	76	68.5	68	66
24	88	93	96	**98**	**98**	96	88	76	66	60	57	**51**
25	97	**98**	**98**	**98**	**98**	**98**	93	91	77	67	**63**	72
26	95	94	95	96	97	**98**	90	79	77	72	63	57
27	92	93	97	96	**97.5**	96	81	72	71	68	63	65
28	89	92	94	**97**	**97**	95	87	80	73	70	64	66
29	90	90	93	95	**97**	92	79.5	69	62	63	64	**65**
30	89	92	**93**	90	92	**93**	81	73	69	66	66	65
31	92	93	96	98	**99**	98	81	69	66	66	**59**	60
Mean	86.8	88.7	90.3	91.3	**92.5**	92.4	80.8	72.5	66.7	63.4	59.9	58.8

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	19.6	19.6	20	19.1	18.7	18.5	18.9	18.9	20.9	21.9	20.4	18.9
2	22.3	21.7	22	21.6	21.4	21.2	21.9	23.1	22.8	22.1	22	**20.9**
3	21.8	21.8	22.1	21.4	21.6	21.5	21.4	21.7	21.4	21.9	20.7	20.1
4	21.9	22	21.3	21.6	21.4	21.7	21.9	22.6	22.6	22.8	22.8	22.1
5	22.5	22.1	22.2	22.3	22.2	22.3	22.8	21.5	21	22.7	23.1	**23.3**
6	21.9	**22.4**	22.3	22.2	22.3	22.2	22	19.6	19.6	19.9	18.6	19.5
7	19.6	20	20.1	19.8	19.6	19.9	**20.5**	19.9	19.4	19.3	19	18.8
8	19.4	20	20	**20.2**	20	20	**20.2**	19	16.2	**15.5**	16.1	16.2
9	18.4	**18.3**	18.6	18.4	18.5	18.7	19.2	20.4	20.3	**20.7**	19.2	18.8
10	20.2	20.3	19.6	19.5	19.2	18.9	19.7	18.6	18.6	**18.2**	20.6	20
11	21.2	21.2	21.3	20.9	20.8	20.8	20.4	21.4	20.6	**20.2**	20.9	21.4
12	22.3	22.1	22.2	22.3	22.3	22.2	21.6	21.6	21.6	22.6	**23.4**	22.1
13	23	22.4	23	22.7	23.5	23.4	22.9	22.5	23.2	21.2	21.6	**21**
14	24.6	23.9	23.6	23.6	**23.4**	23.6	24.5	24.2	24.6	24.9	23.5	24.4
15	24.3	24.3	24.3	24.1	24.1	22.9	22.3	23.7	23	22.7	22.2	23.3
16	22.7	22.4	22.6	22.6	22.8	22.8	22.4	23.6	22.9	**23.8**	23.4	22.6
17	22.9	22.7	22.7	22.7	22.5	22.5	22.7	22.9	22.4	21.8	21.8	21.3
18	22.6	22.6	22.5	22.6	22.4	**22.1**	22.2	23.3	**24**	23.6	23.8	23.6
19	23.5	23.5	23.5	**23.7**	23.5	23.3	23.1	23.4	23.1	23.1	**23.7**	23.3
20	23.3	23.6	23.4	23.8	23.7	24.2	24	**24.8**	24.3	23.9	24.1	23.1
21	**22.3**	22.4	22.4	22.7	22.4	**22.3**	23	24.2	23.5	22.6	22.7	23.3
22	23.4	23.6	23.5	23.4	23.4	23.5	23.8	23.3	23.1	**22.5**	23	23.3
23	**23.6**	23.1	22.6	22.6	22.6	22.7	23.1	23.4	22.7	22.3	23	22.9
24	22.6	23.3	23.2	23.5	23.2	23.2	**24.1**	23.5	23.3	22.2	21.8	**21.5**
25	23.3	23.4	23.3	23.3	23.2	23.1	**22.8**	**24.6**	23.9	23.5	23.1	23.7
26	23.6	23.4	23.3	23.3	22.9	23.1	23.1	23.3	**24.4**	24.1	22.4	21.7
27	22.8	22.8	22.8	22.5	22.6	22.5	23.4	23.5	**24.1**	23.7	23.1	22.8
28	23.8	23.2	23.2	23.3	23.1	23	23.6	24.3	23.6	24.2	**24.4**	23.6
29	**23.5**	23.3	23.3	23.3	23.1	22.8	22.5	22.4	21.5	21.6	22.3	22.7
30	22.5	22.4	22.8	22.8	23	23.1	**23.2**	22.9	22.5	22.2	23	23
31	22.8	22.5	22.5	22.6	22.7	22.6	22.3	22.3	22	22.6	**20.6**	21
Mean	22.3	22.3	22.3	22.2	22.1	22.1	22.2	22.4	22.2	22.1	21.9	21.7

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
44.5	**39.5**	42	59	65.5	73	76	77	77	79	84	86	70
60	65.5	60	63	68	75	77	78	79	79	79	83	76.6
47	**47**	51	54.5	60	66	74	76	75	75.5	75.5	78	70.4
51.5	**50**	53	60	63	68	72	75	76	80	80	83	72.5
59	57	**50.5**	51	55	66	69	76	76	80	83	86	72.2
45	**45**	49	57	49	54	58	62	67	69	69	73	65.8
43	**42**	49	56	53	56	59	68	67	68	71	77	64.2
40.5	42	44	44	44	50	57	61	70.5	73	78	76	**61.2**
45	**44**	**44**	51	60	62	69	72	73	73	76	77	66.8
46	**42**	**42**	43	51	65.5	70	74	70	76	76	81	66.2
55	54	58	56	63	65	68	73	74	76	76	75.5	69.6
54	**44**	50	56	56	62	63	71	73	76	76	80	69.6
55	56	60	61	66	73	74	77	78	79	80	80	71.6
67	73	69	66	76	77	78	78	77	80	81	81	77.6
72	71	72	69	65.5	71	74	77	78	78	81	79	75.7
55.5	**50**	53	65	60.5	69	70	84	92	**95**	**95**	94	75.7
45	64	61	68	82	89	91	92	91	90	91	91	78.8
63	64	67	74	80	82	92	93	93	94	94	**95**	83.5
62	72	64	69	71.5	79	80	85	87	86	88	89	80.9
86	85.5	82	91	94	95	96	96	93	95	96	97	**89.9**
67	66	68	74	73	80	82	94	94	92	94	92	84.2
66	**65**	**65**	74	75	77	78	76	78	84	83	83	79.9
65	66	**63**	64	70	75	76	77	82	83	84	87	77
71	65	67	85	90	89	89	94	94	94	93.5	95	83.1
71	66.5	66	74	91	91	86	90	94	95	94	95	86
52	63	59.5	61	63	71	74	76	77	84	86	90	77.9
61	**59**	60	66	66	72	76	74.5	76	77	79	81	76.6
66	**62**	62.5	65	70.5	73	70	73	75	79	89	89	78.2
62	60	**57**	59	67	66	71	74	74	79	83	88	75
62	**58**	60	**58**	70.5	72	75	74	77	79	80	87	75.9
61	60	**59**	61	66	69	72.5	74	76	76	76	84	75.5
58.1	58	58.3	63	67.3	72	74.7	78.1	79.5	81.4	82.9	84.9	75.1

VAPOR PRESSURE (^{mm}).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
17.7	**16.7**	17.1	22.3	23.1	**23.3**	22.8	22.9	22.6	22.8	22.6	22.4	20.5
21.8	23.1	22.9	**23.3**	**23.3**	22.9	23.2	22.9	23.1	22.4	22.4	22.3	22.4
18.5	18.8	20.4	20.1	21	20.7	21.2	22	22	22.2	22.2	**22.4**	21.2
20.2	**20**	20.1	21.8	21.9	22	22.3	22.9	23.1	**23.4**	23.1	22.5	22
22.8	22.8	21.8	**20.9**	21	22.3	**20.9**	22.5	21.4	21.5	21.9	22.2	22.1
19.6	19.8	19.8	21.2	**17.8**	18.3	18.4	18.7	19.4	19.1	19.1	19.4	20.1
18.7	19.1	19.1	19.5	18.8	19	**18.4**	19.5	19.1	19.2	19.4	19.7	19.4
16.8	16.2	16.6	16	15.7	16.2	16.8	17.4	18.1	17.9	18	18.1	**17.8**
19.7	19.6	18.8	19.5	20.5	19.7	20.4	20.4	20.1	19.6	19.9	19.8	19.5
19.7	18.8	19.1	19.5	20	**22**	21.6	**22**	20.5	21.1	21	21.5	20
21.5	20.8	21.8	22.4	22.7	21.5	21.7	22.5	**22.8**	**22.8**	**22.8**	22.2	21.5
21.8	**19**	20.5	22.2	21.1	21	20.8	22.3	22.5	22.9	23.1	**23.4**	22
21.8	23.5	23	22.8	23.2	23.6	23.5	24	24	24.1	**24.2**	24	23
25.1	**25.9**	25	23.8	24.7	24.5	24.3	24.1	23.5	24.2	24.3	24	**24.3**
23.7	**24.8**	24	22.7	**20.9**	21.4	22	22.2	22.4	22.3	22.7	22.3	23
21.3	**19.8**	21.2	23.3	22	23.2	21.9	21.9	22.4	22.9	22.7	22.8	22.5
20.5	21.7	22.5	21.3	23.2	22.7	23.2	**23.3**	**23.3**	23.1	22.9	22.7	22.5
22.8	22.3	23	23.8	23.7	22.9	23.5	23.7	23.7	23.3	23.3	23.6	23.1
23	**22.2**	23.2	23.4	22.9	23.3	23.5	23	23.1	22.8	23.2	23.3	23.2
22.6	**21.7**	**21.7**	21.8	22.6	22.5	22.5	22.7	22.5	22.6	22.3	22.3	23.1
23.6	23.7	24.5	24.3	24.5	24.8	24.5	**24.9**	**24.9**	24.7	24.3	23.6	23.6
23.7	24	24.2	24.3	**24.7**	24.6	24.6	23.9	24.1	23.7	23.6	23.6	23.7
22.7	22.6	22.5	22.1	**21.8**	22	22.2	22.2	22.5	22.8	22.9	22.8	22.7
23.6	22.5	23.5	23.5	23.1	23.4	23.3	23.7	23.7	23.4	23.2	23.3	23.2
24.2	24.5	24.1	23.5	23.2	24.4	24.5	24.5	23.7	23.8	23.5	23.5	23.7
20.9	22.4	22.7	22.8	22.6	22.5	22.8	23.1	23.1	22.9	22.8	22.8	22.9
22.5	**22.3**	22.5	23.8	22.8	23	23.2	22.6	22.7	22.6	22.8	23.2	22.9
23.8	22.4	23.1	23.3	23.1	23	**21.9**	22.2	22.9	23.1	23.6	23.5	23.3
22.3	22.3	21.5	21.4	21.7	**20.9**	21.7	22.3	22	22.7	22.6	22.6	22.3
22.6	21.7	22.1	**21.4**	23.1	22.6	22.9	22.3	22.6	23	22.7	**23.2**	22.6
21.4	22.1	22.1	22.3	22.6	22.4	22.4	22.6	22.9	22.9	**23**	**23**	22.3
21.6	**21.5**	21.8	22.1	22	22.1	22.2	22.4	22.4	22.4	**22.5**	**22.5**	22.1

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1		Cu.		Cu.		Cu.		Cu.		Cu.
2	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
3	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu.
4	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu.	Ci.	Cu.
5		Fr.-Cu.		Cu.		Cu.		Cu.		Cu.
6	Ci.	Cu.		Fr.-Cu.		Cu.-N. E		Cu.-N. E		Cu.
7	Ci.-Cu.	Cu.		Cu.		N.-cf. E		N.-cf. E	Ci.-S.	Cu.-N.
8	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.	Ci.	Cu. E	Ci.-S.	Cu.-N. E
9		N. E		Cu.-N. E	Ci.-S.	Cu. E	Ci.	Cu	Ci.	Cu.
10	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.-S.	Cu.
11	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E		Cu.
12	Ci.	Cu.		Cu.		Cu.		Cu.		Cu.
13		Cu.		Cu.	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.
14	Ci.-S.	Cu. E	Ci.	Cu. ESE	Ci.-S.	Cu	Ci.	Cu.	Ci.-S.	Cu.
15	Ci.-S.	Cu.		Cu.-N.	Ci.-S.	N.-cf. W	Ci.-S.	Cu. WNW	Ci.-S.	Cu.-N.
16	A.-Cu.	N.-cf. W	A.-Cu.	Cu.	A.-Cu.	Cu.	Ci.	Cu.	Ci.	Cu.
17	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.
18	Ci.-S.	Cu.	Ci.	Cu.	Ci.-S.	Cu. SW		Cu.-N. SW		Cu.-N.
19	Ci.-Cu.	S.-Cu.	A.-Cu.	Cu.	Ci.-Cu.	Cu.	Ci.-Cu.	Cu.	A.-Cu.	Cu.-N.
20		Cu.-N. SW	A.-Cu.	Cu. SW	Ci.-S.	Cu. W	Ci.-Cu.	Cu.-N.		Cu.-N.
21	Ci.-S	S.-Cu. NbyE	Ci.-S.	S.-Cu. NNE	A.-Cu.	S.-Cu.	A.-Cu.	Cu.	Ci.	Cu.
22		Cu.-N. W	Ci.-S.	Cu. W	Ci.-S.	Cu. W	Ci.-S.	Cu. W	Ci.-S.	Cu.
23		N.		Cu.-N. SW	A.-Cu.	Cu. SW		Cu. SW	Ci.-S.	Cu.
24	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.
25	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. SSE		Cu. SSE	Ci.-S.	Cu.
26	Ci.	Cu.	A.-Cu.	Cu.	Ci.-Cu.	Cu. E	Ci.-Cu.	Cu. E	Ci.-Cu.	Cu.
27	Ci.	Cu.	Ci.	Cu.		Cu. E		Cu. E		Cu.
28	Ci.-S. NNE	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.	Cu.	Ci.-S.	Cu.
29	Ci.-S.	Cu.		Cu.		Cu.		Cu.		Cu.
30	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
31	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1		Cu.	Ci.	Cu.	Ci.	Cu.		Cu.	Ci.	Cu.
2	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
3	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu.
4	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	A.-Cu.	Cu. E
5		Cu.		Cu.		Cu.-N.		Cu.-N.		Cu.-N. ENE
6		Cu.		Cu. E	Ci.	Cu. E		Cu.-N.	Ci.	Cu.
7		Cu.-N.	Ci.	Cu. E		Cu. E		Cu.-N. E	Ci.	Cu.
8	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E
9	Ci.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu.-N. E	Ci.	Cu.
10	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
11		Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
12		Cu.	Ci.	Cu.	Ci.	Cu.		Cu.		Cu.
13	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
14	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S. NNW	Cu.	Ci.-S. NNW	Cu.
15	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci -S.	Cu. W	Ci.-S.	Cu.	Ci.-S.	Cu.
16	Ci.	Cu.	Ci.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci. S.	S.-Cu.
17	Ci	Cu.	Ci.-S.	Cu.-N. SW		Cu.-N.		Cu.-N. SW		Cu.-N.
18	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. SSW		Cu.-N. SSW		Cu.-N.		Cu.-N.
19	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N. NE	Ci.-S.	Cu.-N. NE		Cu.-N.
20		Cu.-N.		Cu.-N. W		Fr.-N. W		Fr.-N. W		N.
21	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu. NE	Ci.-S.	Cu. NE	Ci.	Cu. NEbyN
22	Ci.-S.	Cu.	Ci.	Cu.	Ci.-S.	Cu.-N. W	Ci.-S.	Cu.-N. W	Ci.-S.	Cu.-N. W
23	Ci.-S.	Cu. SW	Ci.-S.	Cu. SW	Ci.-S.	Cu.-N. SW	Ci.-S.	Cu.	Ci.-S.	Cu.
24	Ci.	Cu.-N.	Ci.-S.	Cu.-N.		Cu.-N. E		Cu.-N. E		Cu.-N.
25		Cu.	Ci.-S.	Cu.-N.		Cu.-N. SSE		Fr.-N. SE		Cu.-N.
26	Ci.-Cu.	Cu.		Cu.	Ci.	Cu. SSW		Cu. SSW		Cu. SW
27		Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.-N.	Ci.	Cu.-N.
28	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
29		Cu.		Cu.		Cu.		Cu.		Cu.-N.
30	Ci.	Cu.	Ci.	Cu.		Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
31	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.	Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	SE 1	SE 1	SE 1	SE 1	SE 0.5	EbyN 1	ESE 0.5	Calm	SW 2.5	WSW 3.5	WSW 3	W 3.5
2	S .5	S 2	Calm	Calm	S .5	S .5	S 1	Calm	SW 1.5	Calm	WSW 2	W 3
3	N 2.5	NNE 3	N 1.5	N 2.5	N .5	Calm	Calm	NNE 1	Calm	W 3.5	W 4.5	WSW 2.5
4	SW 1	SW 1.5	S 1.5	Calm	Calm	Calm	S 2	SSE 1.5	WSW 2.5	WSW 2.5	WSW 3	WSW 5.5
5	Calm	Calm	Calm	SSE 1	Calm	Calm	Calm	E 1	Calm	WSW 3	WSW 3	WSW 2
6	N .5	Calm	N .5	N 1	N .5	Calm	Calm	ESE .5	E 1	E 2.5	ESE 4	ESE 4.5
7	SEbyE 2.5	ESE 3.5	E 1.5	NE .5	N 1.5	Calm	Calm	E .5	Calm	SE 4	ESE 4.5	ESE 4
8	E 1.5	E 1	E 1.5	E 1	E 1	Calm	Calm	ENE 2	ENE 5.5	E 2	E 2.5	ESE 8
9	Calm	N .5	N .5	NE .5	Calm	Calm	ESE 1	Calm	ENE 1	ESE 2	ESE 1.5	E 5.5
10	ESE 1.5	SE .5	SE 1	SE .5	Calm	Calm	Calm	Calm	SSW 1.5	ESE 2.5	ESE 1	SE 4.5
11	SE 1	SE 1.5	SE .5	SE .5	Calm	Calm	Calm	Calm	Calm	SSW 2	WSW 4	W 5.5
12	S .5	SE 1	N 1	NE 1	NE 1	Calm	NNE 1.5	Calm	WNW 2.5	WSW 4	WSW 4	WSW 3.5
13	S 1	S 1	S 2.5	W 2	W 2	Calm	W 1	WSW 1	WSW 1.5	WNW 1.5	WSW 2.5	WSW 2.5
14	SSE 1.5	Calm	SSE 1	SSE 1	SSE 1.5	SSE 1	Calm	S 3.5	SSW 2.5	SW 3	WSW 6	SW 8
15	WSW 3.5	SW 4	SW 4.5	SW 4	SW 2	Calm	NW .5	Calm	WSW 4.5	W 3	W 1.5	W 4.5
16	SSW 1.5	Calm	NE .5	E 1.5	E 1	SSE 1	ESE .5	Calm	Calm	SW 2.5	WSW 2.5	SW 2
17	Calm	NNE 1.5	NNE 1	N 1.5	N .5	Calm	Calm	ESE 3.5	SSE 3	ESE 5.5	ESE 8	SE 8.5
18	NNW 1.5	NNW 1.5	N 1	N .5	NE 2	Calm	Calm	Calm	SE .5	ESE 1.5	SSW 5	SE 2
19	NE 1	E 1.5	E 1	E 1.5	E .5	N 1.5	N 1	Calm	Calm	W 1.5	WSW .5	W 2
20	NNE 1.5	Calm	Calm	NE .5	NE .5	Calm	Calm	Calm	Calm	WSW 1	W 5.5	WSW 7
21	Calm	Calm	Calm	ENE 1.5	ENE 1	ENE .5	Calm	E 1	Calm	Calm	S 1.5	WSW 3
22	N 1	N 1	NE .5	ENE .5	Calm	Calm	Calm	Calm	Calm	W 1.5	WNW 2.5	WNW 1
23	SW 6	S 4	SSW 4	SbyW 4	S 2.5	S 2	S 4	WSW 4.5	SW 3.5	WSW 6.5	SW 4.5	WSW 4
24	S 1	N 1	NE 1	E 1.5	E 1.5	Calm	E .5	ESE 1	SSE 1.5	SE 5	SSE 1.5	SE 3.5
25	NE .5	NE 1	Calm	SE 1	Calm	Calm	SE 2	Calm	ESE 1	SE 1	SSE .5	SW 4
26	Calm	N .5	N .5	N 1.5	NNE .5	Calm	Calm	E 1	SW 2.5	SSW 1.5	SSE 2.5	SSE 2.5
27	ESE 1	E .5	Calm	E .5	E .5	Calm	ESE 2	SSE 2	SSW 2	SW 1	WSW 3	WbyN 4
28	S 1	S 1	S 1	S 1.5	S 1.5	Calm	Calm	Calm	WSW 4	WSW 4	SW 2	SW 5
29	Calm	NE 1	NE .5	Calm	Calm	N 2	NNE 1	NNW 1	W .5	W 1.5	WSW 1	WSW 3.5
30	SE .5	Calm	Calm	SE .5	SE .5	SSE 1	SSE .5	SE 1	S 2.5	SW 5	W 4.5	WSW 4
31	S .5	NNE .5	NE .5	NE .5	NE .5	ENE 1	ENE .5	NW 2	W 2.5	W 1.5	W 1.5	WSW 2
Mean	. 1.1	1.1	1	1.1	0.8	0.4	0.6	0.9	1.6	2.6	3	4

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
1	W 3.5	W 1.5	wbys 7.5	swbyw 6	swbyw 5	SW 5	SW 5.5	SW 5.5	S 3.5	SW 2.5	SW 1	S 1.5	2.8
2	WbyS 3.5	swbyw 3	SW 3.5	SW 5.5	SSW 5.5	SWbyS 4	SW 5.5	SW 5	WSW 3	WSW 1	SW 2.5	NW 2.5	2.3
3	W 7	WSW 3	SW 3	S 3	S 1	SE 2	SE 2	SW 2	SW 4	SW 4	SW 3	SW 2	2.4
4	WSW 4	WSW 4.5	WSW 4	SW 4.5	SW 4.5	SW 5	SW 4.5	SSW 3	SbyW 2.5	S 1.5	S 1	S .5	2.5
5	WSW 4	WSW 4.5	SSE 4.5	SE 5	SSE 3.5	SSW 2	Calm	Calm	N 2	N 2.5	NNE 2.5	NE 1	1.7
6	ESE 5.5	ESE 7.5	ESE 11.5	NE 1	E 2.5	ENE 3	ENE 5.5	E 2.5	E 1	NE 2.5	E 2.5	ESE 1.5	2.6
7	ESE 4	E 5	NW 1	Calm	Calm	ESE 5	ENE 1	ENE 2.5	E 3	E 2.5	E 1.5	E 1	2
8	E 3.5	ESE 5.5	ESE 5.5	ESE 4.5	ESE 6.5	ENE 3	ENE 3.5	E .5	E 5	N .5	NE .5	Calm	2.5
9	E 2	ESE 4.5	SE 5	SE 5	Calm	ESE 3	ESE 1.5	SE 2.5	ESE 2.5	ESE 1.5	SEbyE 2	SE 2	1.8
10	ESE 2.5	ESE 3.5	SE 1.5	ESE 6	SE 2	SE 3.5	SSW 2.5	SW 2.5	SE 2	SE 2.5	SE 2.5	SE 1	1.9
11	WSW 5.5	WSW 2.5	WSW 5	SW 4	SWbyS 4.5	swbys 7.5	SSW 7	SW 4.5	SW 3	SW 3	SW 1.5	W 1	2.7
12	W 4.5	W 5.5	WSW 6.5	SW 5.5	SSW 6.5	SWbyS 6	SSW 6	S 4.5	SSW 4	SSW 3	SSW 3	SW 3	3.2
13	WSW 3	SW 4	SWbyS 7.5	SW 10	SW 7.5	SWbyS 4	SSW 6	SSW 5.5	SSW 3	SW 5.5	SW 5	SW 3.5	3.5
14	SW 8	SW 6.5	SW 10	SW 10.5	SW 9.5	SW 6.5	SW 6	SW 6	WSW 4.5	SW 5.5	SW 5	SW 5	4.7
15	WSW 5	WSW 4	WSW 6.5	SW 7	SW 4	SW 5.5	SSW 4.5	SSW 3	SSW 3	SSW 2.5	SSW 2	SSW 2	3.4
16	SW 5	SW 3	SW 6	SW 3	SW 4.5	SSW 3	WSW 4.5	NNE 4	NNE 4.5	NNE .5	NNE .5	Calm	2.1
17	E 4	SSW 5	SSE 4.5	NE 4	SW 6	WSW 6.5	Calm	Calm	Calm	NW 2.5	NNW 2.5	Calm	2.8
18	SSE 3.5	SSE 1.5	SSE 2	SE 1	ESE 1.5	Calm	NNW 1.5	N 1.5	N 1.5	N 2.5	N 1.5	Calm	1.4
19	WbyS 3	ESE 2.5	ESE 1.5	WSW 2	WSW 4.5	WNW 3	NNW 2	N 2	N 2.5	NbyE 2	NNE 1.5	NNE 1	1.6
20	SW 8	SW 4	SW 3	E 1.5	Calm	E 1	Calm	E 1.5	ENE 1.5	ENE 1.5	ENE 1	Calm	1.6
21	W 4	WSW 4	WSW 2.5	W 3	WSW 3.5	WNW 2.5	WSW 5	NNE 1.5	W 2.5	NE 1.5	NE 1	N 2.5	1.8
22	WSW 3.5	WSW 6.5	WSW 7.5	SW 7	WSW 2.5	WSW 3.5	WSW 3.5	SW 5.5	SW 2.5	SW 8	SW 8	SW 6	3
23	WSW 5	WSW 5	WSW 5.5	SW 5.5	SW 5.5	SW 5	SW 6	SSW 3	S 1.5	S 1	SSW 1.5	Calm	3.9
24	S 8	SW 4	SW 1.5	SSE 2.5	SW 1	Calm	SSE 1.5	SE 1	NE 1.5	NE 2	NE 1	NE .5	1.8
25	SW 3.5	SW 3	SW 3.5	SW 4.5	SW 4.5	SSW 2	Calm	SE 3	SE 1.5	ESE 1.5	NNW 1.5	Calm	1.6
26	SSE 1.5	SSW 1	WSW 4	WSW 3.5	WSW 2	WSW 3.5	swbyw 3.5	WSW 5.5	SSW 4.5	SE 1	E 1	Calm	1.8
27	WSW 6	WSW 5.5	WSW 10	WSW 8	WSW 4.5	WSW 4	WSW 7	WSW 5.5	WSW 4.5	WSW 2.5	WSW 3	WSW 3	3.3
28	WSW 3	SW 4	SW 5	WSW 4	SW 3	WSW 5.5	W 3	WSW 3.5	WSW 3	WSW 1	Calm	Calm	2.3
29	WSW 3.5	WSW 5	SW 4.5	SW 6	SW 6	SW 7	SW 4	SW 4	SW 4.5	SSW 2.5	SSW 1.5	SE 1.5	2.6
30	WSW 2.5	WSW 4.5	SW 4	WSW 5	SW 3.5	SW 3.5	SW 5.5	SSW 5.5	SW 5	SW 4	SW 3	SW 1.5	2.8
31	WSW 5	SW 4.5	SW 6	SW 6	SW 6	SW 6	SW 5.5	WSW 5	WSW 5	WSW 3.5	WSW 3	ESE 1	2.9
Mean	4.3	4.1	5	4.6	3.9	3.9	3.7	3.3	2.8	2.5	2.2	1.4	2.5

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	2	2.5	2	1.5	2	0.5	0.5	2	5	8	16	14.5
2	1.5	4	3	0	.5	.5	1.5	3	4.5	8	13.5	11
3	8	10	.5	2.5	0	0	0	1	2	9	18	14
4	3.5	2.5	3.5	1.5	1	1	3.5	6	7	10	15	18
5	0	1	1	4	2	1.5	0	3	4	10.5	16	16
6	1.5	1	0	.5	1	0	0	7	9.5	7	9	22
7	6	9	9	4	3	3	0	1	7	8	23	18
8	3.5	3.5	3.5	2.5	1	5	1	3	16	11.5	19.5	20
9	0	0	0	1	1	1	5	4	2	7	18	18
10	5	1	3	1	1	2	1	1	3	7	11	12
11	2.5	4	1	2	1	1	.5	4.5	5	5.5	9	14
12	3	1	3.5	4.5	3	2	3	8	8	15	21	15
13	4	2.5	5.5	6	7	3	2.5	3.5	8	9.5	12	10.5
14	11.5	1.5	2	2	4	6	2	6	8.5	11.5	17	20
15	16.5	15	14.5	17	6	11	4	3	3.5	7.5	10.5	14
16	7	4	.5	2	1	1.5	2.5	1.5	4.5	7.5	14.5	11
17	0	0	1	1	1	0	.5	2	4	9	18	15
18	1.5	1.5	1	0	1	2.5	2	3	8	8	11	14.5
19	.5	1	1	.5	0	1.5	8.5	5.5	.5	3.5	9	13
20	7	1	0	0	0	.5	3.5	.5	.5	1	11	22
21	0	0	0	1.5	1.5	1	1	1.5	3	1.5	5	5
22	4	0	.5	.5	0	.5	.5	0	0	3	13	12.5
23	21	13	14	13	10	11	10	21	27	23	23	21
24	2	3	2	3	2.5	2	1	5	4	8	13	8.5
25	0	2.5	1	2.5	1	2	5	4.5	7.5	7	10.5	10
26	0	.5	.5	.5	.5	0	0	1	1.5	4.5	9.5	4.5
27	0	3	0	1	0	1	0	5	5	7	10	14.5
28	5.5	1.5	1	2	4.5	.5	0	1.5	4.5	12.5	18	21
29	.5	2	.5	1	0	2.5	4.5	6	3	9	10	11.5
30	1	1.5	.5	4	.5	1.5	1	1	5	7.5	12.5	13
31	2	1.5	1	1.5	.5	2.5	1.5	2.5	7	7.5	11	9
Mean	3.9	3	2.5	2.7	1.9	2.2	2.1	3.8	5.7	8.2	13.8	14.3

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	2	1	1	1	2	2	1	1	2	1	1	1	1.3	11	25
2	3	4	4	2	3	3	2	1	1	2	3	3	2.6	10	55
3	4	3	4	6	7	7	8	5	6	8	8	8	6.2	8	30
4	9	8	9	9	9	8	8	4	6	5	7	6	7.3	6	30
5	2	2	2	2	2	2	2	3	4	4	4	7	3	10	20
6	2	1	3	10	7	5	4	4	7	3	6	7	4.9	9	10
7	3	2	6	8	9	8	10	7	7	7	8	7	6.8	7	00
8	8	8	7	9	10	10	10	9	8	9	9	9	8.8	7	40
9	10	10	9	9	8	7	8	8	7	8	9	7	8.3	4	25
10	5	4	3	4	6	7	7	3	4	3	3	5	4.5	10	05
11	3	2	3	3	3	3	2	5	6	6	8	9	4.4	8	45
12	2	2	1	1	1	1	2	3	3	2	3	3	2	10	40
13	8	1	2	2	2	3	3	5	7	8	9	9	4.9	7	10
14	8	7	6	7	8	9	9	8	9	9	9	10	8.2	5	15
15	8	9	10	10	7	9	10	10	9	10	10	10	9.3	3	00
16	7	7	7	7	5	5	7	4	4	9	8	9	6.6	7	20
17	7	8	6	7	7	8	8	9	10	10	10	10	8.3	6	55
18	10	8	6	9	10	9	10	9	10	10	10	10	9.2	3	50
19	9	8	8	8	8	8	10	9	8	10	10	10	8.8	3	00
20	10	10	7	6	8	10	10	10	10	10	10	10	9.2	2	55
21	9	9	10	8	7	6	8	7	7	8	6	10	7.9	4	35
22	10	10	8	8	9	9	8	8	8	8	8	9	8.6	5	25
23	10	10	10	5	4	4	7	5	6	6	6	6	6.6	6	40
24	7	7	6	5	6	6	9	10	10	10	10	10	8	6	35
25	6	4	4	2	3	6	7	8	7	10	10	10	6.4	6	25
26	6	5	6	7	8	8	8	6	3	4	3	7	5.9	8	25
27	4	3	2	3	2	4	3	6	6	5	6	8	4.3	9	30
28	10	10	10	10	9	9	9	6	4	4	3	5	7.4	5	50
29	3	1	1	1	1	1	2	3	3	3	4	5	2.3	8	40
30	6	6	8	8	8	10	3	3	3	4	6	8	6.1	8	15
31	3	4	3	3	3	3	3	3	3	3	5	5	3.4	10	20
Total														225	30
Mean	6.3	5.6	5.5	5.8	5.9	6.1	6.4	5.9	6.1	6.4	6.8	7.5	6.2	7	16

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
20.5	16	17	23	20	**24**	23.5	24	13	10.5	1.5	3	10.5
16.5	17	13.5	23	24	**25**	24	21	14	5	7	8	10.4
19.5	15.5	18	15.5	13	9.5	9	4.5	16	16	12.5	9	9.3
13	16	21	19	21	21	**22**	15	10	7.5	4.5	1	10.1
17	**18**	15	**18**	14	9	4.5	2	2.5	5	9	3.5	7.4
23	22	22	16	4	12	16	14	6.5	3.5	10	8	9
18	16.5	15	12	9	11	11	7.5	7	11	6.5	1	9
19	21	**23**	19	20	16	12	8	1	1	0	1	9.6
16	17	**22**	17	10	11	7	7	8.5	7.5	9	9	8.2
18	14	14	13	13	12	14	11	7	8	10	3.5	7.7
15	17	16	20	21	24	**25**	22	16	12	8	5	10.5
17	16	**23**	21	**23**	22	18	15	13	14	11	10	12.1
11.5	16	24	26	**27**	**27**	25	22	20	19	21	14	13.6
28	30	34	**35**	30	30	27	27	24	17	23	22	**17.5**
18	20.5	13	21	**23**	**23**	18.5	14.5	12	10.5	10	7.5	13.1
16	14	15	16	17.5	14.5	**19**	15	15.5	4	2	0	8.6
17	**22**	16	10	7	18	3.5	0	2	4.5	8	1.5	6.7
11.5	10	8	7.5	10.5	3.5	4	2.5	5	6	5	1.5	5.4
17	14	6	6	23	**24**	7.5	6.5	8	4.5	4.5	3	7
28	20	10.5	5	0	1	1.5	3	6	5	1	0	**5.3**
14	18	18	16	**22**	15	21.5	7	1.5	8	2	5	7
12.5	21	22	25	17	16	17	18	15	**31**	24	26	11.6
28	19	21	27	26	27	22	19	7	6	4	1.5	17.3
21.5	21	12	6	12	3.5	3.5	1.5	4.5	6	3	1	6.2
11	13	17	19.5	**20.5**	8.5	8.5	13	4	3	4.5	.5	7.4
6	6	11	17	16	17	21	**23**	18	4	2	3	7
14	19	26.5	**32.5**	26	25	20	23	18	12	13	14.5	12.1
25.5	25.5	**26**	22	25	20	20	14.5	12.5	6.5	0	.5	11.3
15.5	17	24	26	**28**	27	24	18	17	12	5	4	11.2
15.5	23	23	22	**25**	20	21	19	18	17	10	4	11.1
12	14.5	18.5	21	**27**	24	25	20.5	19.5	18	11	5	11
17.3	17.7	18.2	**18.6**	18.5	17.4	16	13.5	11	9.5	7.8	5.7	9.8

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1					1	1	5		2		6	4	4				1	252.5	8.1	
2									5	1	7	4	2		1		4	249	6.7	
3	4	2					2		2		6	2	3				3	223	7.4	
4								1	5	2	6	7					3	243.5	7	
5	2	1	1		1		1	3		1		5					9	176.5	7.1	
6	4		2	2	6	7											3	215.5	9.1	
7	1		1	2	7	5	2								1		5	216.5	8.5	
8	1		1	4	10	5											3	231	**9.5**	
9	2		1	1	2	8	5										5	198	7.9	
10						6	11			2	1						4	185.5	8.2	
11							4			2	7	4	2				5	251	7.8	
12	1	1	2				1		2	5	3	4	2	1			2	290	8.3	
13									3	3	8	5	3	1			1	326.5	7	
14								5	1	1	13	2					2	**419**	6.3	
15										6	7	5	3		1		2	314	5.2	
16		4	1		2	1		1		2	7	2					4	206	6	
17	2	2	1		1	3	1	2		1	1	1			1	1	7	161	4.7	7.1
18	6		1			2	3	3		1						3	5	129	2.8	8.4
19	4	3	1		4	2						3	3	1		1	2	168.5	4.4	2.3
20		1	2	3	3						3	2	1				9	**128**	**1.3**	8.4
21	1	1	2	3	1				1			5	3	1			6	169	3.7	2
22	2		1	1							6	6	1	2			5	279	4.5	.3
23									6	4	7	6					1	414.5	4	3.6
24	1		5		3	1	3	4	2		3						2	149.5	3.4	4.8
25			2			2	5	1		1	6					1	6	176.5	3.2	**13.5**
26	3	1			2		1	3		3	1	6					4	167	5.2	
27					3	2		1		1	1	13		1			2	290	6.2	
28									5		5	8	1				5	270.5	5.4	
29	1	1	2				1			2	7	4	2			1	3	268	6	
30							4	2	1	1	9	4	1				2	266.5	5.9	
31		1	3	2		1			1		6	6	3		1			263.5	5.8	
Total	35	18	29	18	46	46	49	26	36	39	126	108	34	7	5	7	115	7,298	186.6	50.4
Mean	1.1	0.6	0.9	0.6	1.5	1.5	1.6	0.8	1.2	1.3	**4.1**	3.5	1.1	**0.2**	**0.2**	**0.2**	3.7	235.4	6	1.6

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	759.85	8.15a.	36.9	2.05p.	90	23.3	756.10	4.20p.	**22.6**	5.40a.	39.5	16.7
2	59.55	9.00a.	35.2	2.55p.	97	23.3	55.85	3.45p.	23.9	5.40a.	57	20.9
3	59.35	10.10p.	35.5	2.10p.	93	22.4	56.10	2.20p.	24.6	5.50a.	47	18.5
4	58.90	0.05a.	35.7	2.25p.	89	23.4	55.17	4.00p.	25.1	5.45a.	50	20
5	59.10	11.00p.	36.6	3.05p.	93	23.3	55.62	3.00p.	25	5.35a.	50.5	20.9
6	59.80	9.45p.	37.4	1.55p.	96	22.4	56.70	3.05p.	24.6	5.30a.	45	17.8
7	59.01	8.00a.	37.7	1.20p.	90	20.5	56.40	3.30p.	23	5.45a.	42	18.4
8	59.45	8.30a.	36.7	0.10p.	87	**20.2**	56.50	2.45p.	24.3	4.45a.	**39**	**15.5**
9	59.65	8.15a.	38	2.20p.	**84**	20.7	56.14	4.00p.	23.3	4.15a.	44	18.3
10	59.20	7.55a.	37.8	1.10p.	90	22	55.40	4.15p.	23.1	5.50a.	42	18.2
11	59.35	10.25p.	35.7	11.30a.	91	22.8	55.85	3.55p.	24.3	5.55a.	52	20.2
12	59.55	9.25a.	37	2.25p.	93	23.4	55.63	4.00p.	25.3	5.30a.	44	19
13	59.40	0.05a.	36.3	0.35p.	86	24.2	55.53	5.00p.	**27.3**	5.55a.	53	21
14	59.25	9.45p.	35.2	11.20a.	94	**25.9**	55.75	3.05p.	26	5.35a.	61	**23.4**
15	59.30	8.35a.	34	11.45a.	87	24.8	56.90	3.45p.	26.8	5.55a.	65	20.9
16	59.50	11.00p.	36.1	2.30p.	95	23.8	55.56	3.45p.	25.1	10.15p.	50	19.8
17	59.60	9.35p.	**38.6**	1.35p.	96	23.3	56.40	2.45p.	24.9	5.40a.	45	20.5
18	60.80	10.10p.	33.5	10.45a.	95	24	**58.42**	2.00p.	25	6.10a.	63	22.1
19	60.50	8.15a.	34.7	3.15p.	97	23.7	58.30	4.00a.	25.6	4.15a.	61.5	22.2
20	59.80	0.05a.	33.3	11.10a.	98	24.8	57.80	2.30a.	24.3	11.55p.	**66**	21.7
21	58.70	9.20p.	34	11.50a.	**99**	24.9	55.95	2.50p.	24	5.30a.	64	22.3
22	59.10	11.00p.	34.6	2.45p.	97	24.7	56.30	2.45p.	25.1	5.30a.	65	22.5
23	58.95	10.30p.	**32.8**	3.05p.	91	23.6	56.70	4.15p.	26.4	4.40a.	63	21.8
24	59.60	10.00p.	37	0.40p.	98	24.1	57.25	2.10p.	24.7	5.35a.	51	21.5
25	**61**	10.15p.	34.9	11.25a.	98	24.6	57.32	4.00p.	24.9	3.15a.	63	22.8
26	60.45	9.45p.	35.5	1.35p.	98	24.4	57.20	3.50p.	24.7	5.35a.	52	20.9
27	60	0.10a.	34.7	2.20p.	97.5	24.1	57.30	3.10p.	24.7	5.35a.	59	22.3
28	60	9.15a.	34.3	2.35p.	97	24.4	58	4.05p.	25.1	5.35a.	62	21.9
29	59.71	8.00a.	34.4	2.25p.	97	23.5	57.05	3.20p.	25	5.25a.	57	20.9
30	58.90	0.05a.	34	2.55p.	93	23.2	55.85	4.05p.	25.5	2.30a.	58	21.4
31	**58.22**	9.00a.	34.6	2.35p.	**99**	23	**55.10**	4.15p.	24.5	5.00a.	59	20.6
Mean	759.53	--------	35.6	--------	93.7	23.4	756.45	--------	24.8	--------	53.9	20.5

DAILY GENERAL REMARKS.

1----Somewhat gusty SEly winds in the afternoon.
2----Fair weather.
3----⊤° S 2.50 p. m.
4----Overcast.
5----☈° NW quadrant in the evening.
6----Somewhat gusty ESE winds in the afternoon.
7----Cloudy weather.
8----Overcast.
9----d° 8 a. m.; ⊤° N 5.42 p. m.
10----○ in the morning.
11----Coloration of upper clouds at sunset; ☇ N in the evening.
12----Somewhat gusty SWly winds at intervals in the afternoon.
13----As yesterday.
14----○, gusty SW winds in the afternoon; ☇ SSE in the evening.
15----p°, ☈ in the morning.
16----☇ W early in the morning; ☈° SSE in the afternoon; ☈ ENE, d in the evening.
17----☈ S and NE, d° in the afternoon; ☈ N, ☇ W, ● in the evening.
18----☇ various points, with ⊤ ESE, early in the morning; d°, ⊤ ESE in the forenoon; ☈ S in the afternoon; ●, ☈ N quadrant in the evening.
19----☈° SE, ⊤° NNE in the afternoon; ☇ N in the evening.
20----● in the morning and afternoon; ☈ E in the forenoon.
21----☈ N, ● in the evening.
22----Somewhat gusty SWly winds in the afternoon.
23----●° in the morning; ○° in the afternoon.
24----● in the early morning, afternoon and evening; ☈ SE in the evening.
25----● early in the morning and in the evening.
26----☇ E in the evening.
27----Somewhat gusty WSW winds at intervals in the afternoon.
28----Overcast.
29----Somewhat gusty SW winds in the evening.
30----Convergence of Ci. toward N in the afternoon.
31----Cloudy weather.

OBSERVATIONS FOR JUNE, 1915.

ATMOSPHERIC PRESSURE, 700^{mm}+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	56.80	56.85	56.90	56.80	57.25	57.56	58.22	58.48	58.62	58.55	58.36	58.10
2	58.85	58.85	58.55	58.45	59	59.76	59.93	59.86	59.95	59.80	59.21	58.90
3	59.85	59.80	59.55	59.60	59.90	60.14	60.26	60.23	**60.35**	59.96	59.51	58.90
4	59.05	58.75	58.90	58.80	59	59.55	59.73	59.82	**60.13**	59.70	59.28	58.57
5	57.85	57.65	57.45	57.60	57.65	58.19	58.62	58.89	58.93	**59.21**	58.85	58.37
6	58.55	58.35	58.30	58.50	58.70	59.04	59.67	59.78	59.68	59.39	58.95	58.51
7	59.50	59.35	58.80	58.80	59.10	59.39	59.92	60.10	**60.11**	59.77	59.35	58.90
8	58.80	58.55	58.35	58.25	58.40	58.67	**59.23**	59.22	59.11	59.07	58.51	58.23
9	57.55	57.05	56.95	56.60	56.80	57.13	57.57	**57.97**	57.91	57.78	57.37	57.05
10	56.80	56.50	56.40	56.40	56.80	57.23	57.54	57.73	57.86	57.76	57.43	56.97
11	57.90	57.55	57.50	57.65	57.50	57.58	57.94	58.09	57.98	58.03	57.81	57.26
12	58.05	57.75	57.40	57.30	57.30	57.57	57.99	58.37	58.27	58.25	58.31	57.71
13	58.50	58.15	57.85	57.80	57.85	58.14	58.25	58.52	58.69	58.63	58.50	57.93
14	58.55	58	57.90	57.95	58	57.96	58.23	58.21	58.33	58.21	58	57.49
15	57.90	57.15	57.05	**57**	57.20	57.76	58.09	58.44	58.28	58.43	58.06	57.86
16	58.60	58.35	58.20	58.70	58.60	58.59	58.65	59.04	59.26	59.21	59.15	58.71
17	**59.75**	59.30	58.95	58.85	58.80	58.79	59.01	58.79	58.86	58.46	58.17	57.95
18	58.80	58.25	58.25	58.20	58.25	58.52	58.74	**58.81**	58.77	58.55	58	57.45
19	57.80	57.45	57.50	57.55	57.65	57.86	58.06	**58.49**	58.35	58.12	57.75	57.30
20	57.75	57.50	57.30	57.15	57.05	57.36	57.69	57.89	57.97	57.92	57.71	57.06
21	57.75	57.50	57.40	57	57.35	57.92	58	58.38	58.53	58.62	58.46	57.97
22	58.45	58.10	57.90	57.80	58	58.39	58.34	58.52	58.41	58.12	57.92	57.83
23	57.95	57.55	57.50	57.30	57.50	57.56	57.95	58.09	**58.11**	58.04	57.46	58.07
24	57.50	57.30	57.05	57.25	57.55	57.72	58.03	57.69	57.93	57.95	57.47	56.69
25	57.85	57.85	57.85	57.90	57.95	57.94	58.10	**58.26**	58.24	58.02	57.40	56.80
26	57.95	57.65	57.25	56.95	57.10	57.58	57.98	58.34	58.41	58.33	57.89	57.37
27	57.50	57	56.95	**56.85**	56.90	57.24	57.24	57.27	57.83	57.83	57.47	57.13
28	58.40	58.20	57.95	58	57.60	57.74	58.25	58.63	58.75	58.52	58.42	58.11
29	58.90	58.10	57.90	57.95	57.85	58.03	58.34	58.28	58.46	58.66	58.76	58.51
30	59.05	58.85	58.55	58.45	58.45	58.33	58.82	58.84	58.71	58.29	58.13	58.15
Mean	58.28	57.98	57.81	57.78	57.90	58.17	58.48	58.63	58.69	58.57	58.26	57.86

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	26.6	26.1	25.9	**25.8**	26	26	28.1	29	31.3	32.5	32.2	32.2
2	**25.4**	25.6	25.8	25.7	25.6	25.6	29	31.3	30.9	31	31.6	**34.9**
3	26	25.6	25.2	24.8	**24.4**	**24.4**	27.5	30.5	30.8	31.4	31.7	32.6
4	25.4	25.3	25.3	25	**24.2**	**24.2**	27.7	29.2	29.5	31	32	31.7
5	26.2	25.9	26	26.1	26.1	**25.8**	28.8	30.5	32.5	32	32.1	**32.9**
6	26.1	25.6	25.2	**24.8**	**24.8**	25.1	27.2	29.3	31.5	31.2	32.4	33.5
7	25.7	25.5	25	24.8	**24.7**	**24.7**	28.3	29.6	31.4	32.6	33.7	33
8	25	24.5	24.4	24.1	23.7	**23.6**	27.2	29.5	30.4	30.6	31.2	29.3
9	25.6	24.9	24.4	24.2	**23.9**	**23.9**	28	30.1	30.3	30.7	31.3	31.3
10	25.2	24.9	24.3	24.1	**23.8**	24	27.1	29.4	29.8	31	31.5	32.3
11	25.4	25.1	25.1	24.7	**24.4**	**24.4**	26.5	29.2	29.6	30	30.2	30.7
12	25.9	25.9	25.6	25.6	**25.3**	**25.3**	27	29.5	30.9	31	33	**33.5**
13	25.7	25.5	25.3	25.1	25	**24.9**	27.3	29.8	29.8	29.1	29.9	32
14	27.3	26.9	26.3	26	26	**25.9**	26.8	29.3	31	32.7	**33.9**	33.2
15	26.7	26.3	**25.5**	25.8	25.7	25.6	28.2	29.1	30.2	30	**33.1**	31
16	26.5	26.4	25.8	25.7	**24.9**	25	29	30.3	31.4	32.6	31.8	**34.4**
17	25.3	25.2	25	24.8	**24.6**	24.9	28.6	29.9	32.4	33.1	31.8	32.5
18	26.7	25.7	25.1	24.7	**24.3**	**24.3**	27.2	29.8	31.6	31.5	31.9	31.5
19	26.9	26.6	26	26	**25.7**	25.9	27.5	27.8	30.8	32.9	34.2	35
20	27.2	26.9	26.3	26	25.6	**25.5**	27.7	28.8	30.1	30.9	32.1	31
21	25.2	24.9	**24.7**	24.9	24.9	24.8	26.3	27.4	30.1	29.1	29.5	31
22	25.5	24.8	24.3	23.6	**23.4**	23.5	27	30.4	29.7	31.1	31.2	30
23	26.3	26.2	25.5	25.4	**24.9**	25	26.6	28.5	29.9	30.3	30.7	31.4
24	26.6	26.5	26.2	25.7	**25.6**	**25.6**	25.7	26.6	28.8	32.5	32.6	34.8
25	26.1	25.8	25.5	25.5	**25.4**	25.5	26.7	29.5	29.1	30.5	33.6	34.6
26	26.1	25.8	25.8	25.9	25.5	26	26.8	26.4	26.4	25.6	25.2	25.7
27	25.2	25.1	**25**	25.1	25.2	25.2	26.5	28.7	29.6	30.6	31.6	**32.2**
28	24.8	24.6	24.2	24	**23.9**	24.5	27.1	29	30.2	30.7	30.5	31.2
29	25.2	24.8	24.6	24.5	**24.1**	**24.1**	27.4	29.3	30.2	30.1	30.7	30.7
30	26	25.5	25.4	26.3	25.5	**25.2**	26.8	28.7	30.2	30.3	30.3	31.2
Mean	25.9	25.6	25.3	25.2	**24.9**	**24.9**	27.4	29.2	30.3	31	31.6	32

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57.76	57.04	56.60	**56.32**	56.40	56.73	57.15	58.10	58.85	59.20	**59.50**	59.30	57.73
58.05	58.01	57.44	**57.33**	58	57.92	58.26	59.35	60.25	**60.55**	60.35	60.10	59.03
58.12	57.57	**57.12**	57.23	57.50	58.11	58.91	59.10	59.55	60.05	59.85	59.65	**59.20**
57.66	57.05	56.53	**56.45**	56.51	56.76	57.57	57.95	58.45	59.15	58.80	58.05	58.43
57.92	57.40	56.92	**56.61**	56.80	57.40	57.91	58.50	58.80	59	59.10	58.85	58.10
57.74	57.34	**57.07**	57.09	57.61	58.18	58.65	59.45	59.75	**60.35**	60.15	59.70	58.77
58.09	57.48	56.94	**56.82**	56.85	57.34	58	58.75	58.85	59.30	59.30	59.05	58.74
56.91	56.55	56.20	55.95	**55.90**	56.15	56.85	57.45	58	58	58.05	57.80	57.84
56.44	55.64	55.50	**55.40**	55.45	55.82	56.26	57	57.60	57.75	57.55	57.15	56.89
56.06	55.72	55.26	55.40	**55.15**	55.79	56.65	57.45	57.65	58.05	**58.25**	58.15	**56.88**
56.55	55.84	55.34	**54.89**	55.45	55.98	56.78	57.10	58	58.25	**58.85**	58.70	57.27
57.05	56.73	56.75	**56.60**	56.85	57.36	57.51	58.35	58.95	59.50	**59.55**	59.10	57.86
57.35	56.60	56.14	**56.13**	56.44	56.85	57.45	58.10	58.50	58.60	**58.85**	58.45	57.84
56.89	56.47	56.06	56.06	**55.95**	56.44	57.09	57.30	57.90	58.35	**58.70**	58.45	57.60
57.94	57.47	57.02	57.07	57.35	57.52	58.36	58.80	59.10	59.05	**59.25**	58.95	57.96
58.38	57.77	57.84	**57.67**	58.50	58.99	59.60	59.65	60.20	**60.50**	**60.50**	60.30	58.96
57.35	57	56.85	**56.70**	57	57.37	57.95	58.50	58.85	59.10	59.10	59.05	58.35
56.80	56.03	55.69	**55.59**	55.90	56.50	57	57.25	58.15	58.35	58.50	58.35	57.70
56.47	55.85	**55.61**	55.63	55.95	56.60	57.15	57.50	58.05	58.25	58.45	57.95	57.39
56.24	56.29	56.14	**55.90**	56.41	56.84	57.30	58.10	58.45	**58.90**	58.80	58.30	57.42
57.05	56.60	56.09	**56**	56.35	57.11	57.80	58.20	58.65	58.95	**59**	58.70	57.72
56.99	56.35	56.12	**56.11**	56.50	56.79	57.35	58	58.45	**58.55**	**58.55**	58.20	57.74
56.56	56	**55.60**	55.71	55.70	56.55	56.96	57.50	57.80	57.95	58.05	57.95	57.31
56.13	56.05	**55.67**	55.71	56.05	56.54	56.85	57.60	58.05	58.40	**58.50**	58.35	57.25
56.07	55.95	55.41	**55.05**	55.15	55.89	56.69	57.10	57.75	58.25	58.20	58.20	57.24
56.84	56.62	56.44	**56.07**	56.12	56.47	57.06	57.40	57.60	58	**58.50**	57.85	57.41
57.23	57.52	57.07	57	57.25	57.55	58.30	58.50	58.85	58.90	**59.05**	58.70	57.63
57.61	57.29	57.29	**57.20**	57.52	57.78	58.32	58.70	59	59.50	**60**	59.55	58.26
58.12	57.52	57.36	57.37	**57.15**	57.47	57.93	58.50	58.85	59.30	59.25	**59.35**	58.25
57.88	57.81	57.41	**57.15**	57.27	57.67	58.39	58.90	59.05	**59.80**	**59.80**	59.60	58.47
57.21	56.79	56.45	**56.34**	56.57	57.02	57.60	58.14	58.60	58.93	**39.01**	58.73	57.91

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
32.6	33	**34**	32.6	32.1	30.6	29.9	29.5	29.1	29.2	29.1	28.6	29.7
32.8	33	**34.9**	34.5	32	29.4	27.8	28.1	27.5	27.3	27.1	26.4	29.3
32.7	**34.3**	33.9	33.7	32.5	31.1	29.7	29	27.9	27.6	27.4	26.3	29.2
32.7	**33.5**	33.3	33.1	32.6	31.1	30.3	29.9	29.6	28.2	28.1	26.7	29.2
31.9	29.7	29.8	30.5	30.7	29.9	29.1	28.3	27.6	27.1	26.9	26.7	28.9
35.5	**36**	35.9	34.5	32.5	31.2	29.8	29.2	28.3	26.2	25.3	25.4	29.4
34.3	34	34.4	**35**	32	30.6	29.3	28.3	27.9	27.4	26.1	26.1	29.4
33.9	32	28.7	30.2	31.8	29.4	28	27.1	26.4	26.5	26.3	26.2	27.9
32.6	**34.5**	31	30.5	31.8	30.2	28.9	27.9	27.2	26.7	26.7	26.2	28.4
33	32.3	32.6	32.5	31.7	30.3	29.3	28.3	27.9	27.1	26.7	26.1	28.6
32.4	33.5	33.4	**34.8**	33.4	31	30.2	29	28.1	27.4	28	27.3	28.9
33	31.8	27.1	30.4	29.3	28.5	28.1	27.7	27.2	27.1	26.5	26	28.4
34.3	**35.5**	34.8	32.8	31.6	30.3	29.2	28.7	28.4	28	28.1	27.7	29.1
32.5	32	32.7	32.1	31.2	30.9	29.7	29	28.8	27.9	27.2	26.9	29.4
31.1	30.9	31.7	31.5	31.3	30.6	29.2	28.1	27.6	26.9	26.7	26.7	28.7
34.2	34.1	33.5	33.6	32.5	29.9	28.8	28.1	27.5	27.1	26.1	25.5	29.4
33	33.9	**34**	33.2	32.4	30.2	29.3	28.6	28.2	27.6	27.1	26.9	29.3
31.8	35.1	**35.2**	34	32.5	31.3	30.1	29.3	28.5	28.2	27.8	27.4	29.4
35.3	**36**	35.6	35.6	31.7	30.6	29.7	29.4	29.1	28.7	28.4	27.6	**30.1**
32.6	29.6	30.4	31	30.4	29.8	28.8	28.2	28	26.8	26	25.6	28.6
32.5	31.5	33.3	**33.7**	31.1	29.9	28.7	28.5	28	27.7	27	25.9	28.4
33	**33.7**	32.9	32	30.3	30.1	29.2	29	28.3	28	27.3	26.9	28.6
32.3	31.8	**33.8**	29.9	30.4	30.2	29.2	28.4	28	27.8	27.3	27.2	28.6
35	32.9	32.1	29.9	30.6	29.5	28.8	28.8	28.5	27.6	27.4	26.6	29
35.1	32.4	33.4	34.8	34	31.1	29.9	29.1	28.5	27.9	27.2	26.8	29.5
26.8	27.6	27.4	28.4	**29.1**	27.8	27	25.8	25.5	25.6	**24.9**	25.1	**26.3**
27.5	25.1	26.3	25.9	25.8	25.8	25.8	25.4	25.5	25.4	25.4	25.1	26.6
32	**32**	30.2	30.7	30.5	29.4	28.4	28.4	27	26.6	25.6	25.2	27.9
31	**31.6**	30.9	30.7	30.2	29.2	28.2	28.1	28	28.1	27.2	26.4	28.1
31.3	**31.5**	**31.5**	31.4	31	29.8	29.4	29.2	27.8	26.8	26	25.8	28.5
32.6	32.5	32.3	32.1	31.3	30	29	28.4	27.9	27.4	26.9	26.4	28.8

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	89	92	**93**	**93**	**93**	92	82	72	64	63	64	64
2	94	**95**	**95**	94	**95**	**95**	78	68	68	71	69	**54**
3	89	92	92.5	94	**95**	94	78	66	67	63	63	61
4	87	84	86	87.5	**94**	**94**	78	73	72	66	64	67
5	86	**88**	86	85	86	**88**	73	68	**56**	58	60	59
6	89	91	92	**95**	**95**	92	83.5	72	64	67.5	62	55
7	90	91	94	94	95	**97**	80	72	63	57	53	55
8	83	84	83	86	**89**	**89**	72	66	68	65	66	72
9	88	91	93	94	**97**	95	74	69	70	67	64	64.5
10	88	88	92	93	**95**	94	80	70	67	**65**	63	59
11	88	88	89	91	92	**93**	85	70	71	67	66	64
12	88.5	88	90	92	**94**	**94**	86.5	76.5	70	69	60	**55.5**
13	92	93	94	**96**	95	**96**	84	71	75	81	71	61
14	81	83	86	**88**	**88**	**88**	82	73	64	58	**52**	55
15	80	82	**87**	84	84	85	72	71	67	71	**60**	68
16	87	86	89	89	**94**	**94**	74	64	61.5	61	61	**51.5**
17	93	93	93	94	**97**	95	76	68	57	54	62	60
18	83	89	91	92	95	**96**	80	67	62	62	59	62
19	82	82	85	85	**87**	**87**	78.5	79	63.5	54	53	50
20	82	83	85.5	88	90	**91**	79	76	70	67	**63**	67
21	91	92	**93**	92	92	**93**	85	79	69	75	75	69
22	84	87	91	94	**95**	94	76	62	68	63	61	67
23	86	86	90	90	**92**	90	83	75	69	70	65	62
24	87	86	87	89	**90**	**90**	**90**	87	76	59	61	52
25	91	93	**94**	93	93	93	86	70	71	67	55	51
26	85	87	85	85	88	86	84	85	88	93	95	93
27	99	**100**	**100**	99	99	99	93	83	75	70	68	**67**
28	97	97	99	99	**100**	98	86	76	71	70.5	71	68
29	92.5	95	96	97	98	**99**	83	75	70	68	67	67
30	90	94	95	91	95	**97**	91	80	75	72	73	69
Mean	88.1	89.3	90.9	91.4	**93.1**	92.9	81.1	72.8	68.4	66.5	64.2	62.3

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23	23	23	23.1	23.1	22.9	23	21.5	21.7	22.8	23	23
2	22.7	23.2	23.5	23.1	23.2	23.2	23.1	23.1	22.5	23.6	23.8	22.2
3	22.3	**22.4**	22	21.9	21.6	21.3	21.2	21.4	22	21.6	21.9	22.2
4	20.9	**20.2**	20.6	20.6	21.1	21.1	21.5	21.9	22	22.1	22.7	23.3
5	21.8	21.8	21.5	21.4	21.7	21.6	21.6	21.9	20.5	**20.4**	21.4	22
6	22.2	22.1	21.8	22.1	22.1	21.9	22.4	21.9	22	**22.8**	22.5	21.2
7	22.1	22	22.1	21.9	21.9	22.3	**22.7**	22.1	21.6	20.9	20.4	20.6
8	19.4	19.2	**18.9**	19.1	19.3	19.2	19.2	20.4	22	21.3	22.2	21.9
9	21.4	21.2	21.2	21.1	21.3	20.9	20.9	22	**22.3**	21.8	21.7	21.9
10	20.8	20.6	20.9	20.8	20.8	20.8	21.2	21.2	21	**21.9**	21.7	21.2
11	21.1	20.9	21.1	21	21	21.2	21.8	21	21.9	21.3	21.1	21
12	22	21.8	22	22.4	22.6	22.6	22.9	23.4	23.2	22.9	22.3	**21.3**
13	22.5	22.6	22.6	22.7	22.4	22.4	22.5	22.2	23.5	**24.1**	22.2	21.7
14	21.9	21.7	21.9	21.9	21.9	21.8	21.4	22.1	21.2	21.4	**20.5**	20.9
15	20.9	20.9	21	20.7	20.7	20.8	**20.5**	21.2	21.3	22.5	22.7	22.7
16	22.4	22	22	21.9	22	22.1	21.9	20.7	21	22.2	21.4	20.8
17	22.3	22.2	22	21.9	22.2	22.2	22.1	21.3	20.6	**20.2**	21.6	21.8
18	21.7	21.9	21.5	21.4	21.4	21.6	21.4	21	21.3	21.2	20.7	21.2
19	21.6	21.2	21.3	21.3	21.3	21.6	21.4	21.8	20.9	**20**	21.2	20.8
20	21.9	21.7	21.7	21.9	22	22	21.9	22.4	22.2	22.1	22.2	22.3
21	21.6	21.6	21.5	21.4	21.4	21.7	21.6	21.4	21.8	22.4	22.8	**22.9**
22	20.3	20.3	20.5	20.3	20.3	20.2	20.1	**20**	21	21.2	20.7	21.3
23	21.9	21.8	21.8	21.7	21.6	21.2	21.4	21.8	21.7	22.3	21.2	21.2
24	22.6	22.2	22	21.9	22	22	22.1	22.6	22.4	21.5	22.2	21.4
25	**22.9**	22.8	22.8	22.6	22.5	22.4	22.5	21.6	21.2	21.8	21.3	20.9
26	21.3	21.5	**21.1**	21.2	21.3	21.5	22	21.7	22.4	22.8	22.6	22.7
27	23.6	23.7	23.6	23.5	23.6	23.6	23.9	**24.2**	22.9	**22.7**	23.6	23.9
28	22.5	22.4	22.2	22	22	22.4	22.8	22.5	22.8	23.1	23	23
29	22	22.1	22	22	21.9	22.1	22.5	22.7	22.4	21.6	21.8	21.8
30	**22.5**	22.8	22.9	23.2	23	23	**23.8**	23.5	**23.8**	23.2	23.3	23.5
Mean	21.9	21.8	21.8	21.7	21.8	21.8	21.9	21.9	21.9	**22**	**22**	21.9

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
62	57	**56**	63	70	74	76	79	81	80	82	80	75.9
62	62	**54**	61	69	67	77	76	81	84	83	88	76.7
59.5	**51**	52	52	52	58	63	67	73	75	74	81	71.3
64	60	58	**56**	59	62	68	70	72	75	77	84	73.2
62	70	71	72	73	77	78	81	84	86	87	86	75.8
41	**36**	39	46	46	52	58	61	66	80	89	90	69.2
48	49	47	**43**	53	57	63	65	66	68	76	76	68.8
54	63	82	73.5	61	65	72	76	82	80	83	84	74.9
59	**50**	64	68	58	63	69	72	76	79	79	82	74.4
58	59	**56**	59	59	64	66	70	71	77	79	82	73.1
60	57	58	**50**	54	66	67	74	79	83	81	84	74
58	62	86	74	76	80	78	79	83	83	89	92	79.3
49	**45**	48	54	60	67	73	75	76	79	77	80	74.7
60	64	60	60	66	62	67	71	71	77	81	80	71.5
65.5	65	62	62	63	68	76	79	82	86	86	86	74.6
55	53	53.5	58	59	72	78	79	82	84	89	92	73.6
59	**53**	54	59	61	69.5	74	75	76	78	82	83	73.6
63	51	**48**	**48**	55	60	66	69	74	74	77	79	70.9
48	**47**	47.5	49	60	65	70	70	71	73	77	81	**68.5**
63	72	71	67	66	69	72	75	76	82	85	88	76.1
60	63	58	**55**	65	68	73	75	76	73	77.5	85	76.4
54	**53**	56	57	66	67	70	71	74	77	80	83	72.9
56	59	**54**	67	70	82	87	85	84	83	85	83.5	77.2
49	60	63	75	74	75	79	79	78	84	85	**90**	76.9
48	55	50.5	**45**	52	61	65	69	72	75	79	80	71.2
86	84	86	80	**77**	84	90	93	95	95	**100**	99	88.5
88	98	90	93	93	93	94	96	94	95	95	96	**90.7**
64	**64**	74	70.5	68	74.5	79	79	86	87	91	92.5	81.8
64	**63**	69	68	68	73	78	79	81	81	87	90	79.5
68	69	**66**	68	71	75	75	76	82	90	94	93	81.2
59.6	59.8	61.1	61.8	64.1	69	73.4	75.5	78.1	80.8	83.6	85.7	75.5

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
22.6	**21.2**	22.2	23	**24.8**	24.3	23.8	24.3	24.3	24	24.5	23.4	23.1
22.9	23.2	22.2	**24.7**	24.3	**20.4**	21.4	21.4	22.2	22.7	22.3	22.4	22.8
21.8	20.4	20.5	20.2	**18.9**	19.4	19.5	19.9	20.3	20.5	20.1	20.5	21
23.4	23.1	22.2	21	21.5	20.7	21.9	21.9	22.1	21.3	21.6	21.9	21.7
21.8	21.6	22	23.2	23.9	**24**	23.2	23.2	22.9	22.8	22.9	22.3	22.1
17.6	**15.9**	17.2	18.6	16.7	17.5	18	18.4	18.9	20.2	21.4	21.7	**20.3**
19.4	19.2	19	**17.9**	18.6	18.7	19.1	18.5	18.4	18.6	19	19.1	**20.3**
21.4	22.1	**23.9**	23.4	21.4	19.8	20.3	20.3	20.9	20.6	21.2	21.2	20.8
21.7	20.3	21.5	21.9	20.2	**20.1**	20.3	20.2	20.4	20.5	20.5	20.6	21.1
21.7	21.1	20.5	21.5	20.4	20.7	19.9	20.1	**19.8**	20.4	20.5	20.7	20.8
21.9	21.8	22.1	**20.8**	**20.8**	22.1	21.3	22	22.2	22.5	**22.7**	22.5	21.5
21.7	21.8	22.8	**24**	22.9	23.2	22	21.9	22.2	22	22.8	22.9	22.5
19.8	**19.3**	20	19.9	20.9	21.5	21.9	22.1	21.9	22.3	21.8	22	21.9
21.8	**22.5**	22.1	21.4	22.4	20.7	20.6	21.1	21	21.5	21.6	21.2	21.5
22	21.5	21.5	21.3	21.4	22.1	**22.8**	22.4	22.5	**22.8**	22.5	22.5	21.7
21.8	21.2	**20.5**	22.4	21.5	22.6	**22.8**	22.2	22.4	22.4	22.2	22.2	21.9
21.9	20.7	21.3	22.2	22	22.1	**22.5**	21.7	21.6	21.3	21.8	21.7	21.7
22	21.2	20.3	**19**	20.1	20.5	21	20.9	21.4	21.2	21.4	21.4	21.1
20.2	20.6	20.5	20.9	20.8	21.3	21.6	21.2	21.2	21.3	22	**22.3**	21.2
23	22.1	22.8	22.5	**21.2**	21.4	**21.2**	21.3	21.3	21.4	21.3	21.6	21.9
21.8	21.6	21.9	21.5	21.8	21.3	21.4	21.6	21.3	**20.3**	20.5	21	21.6
20	20.4	20.7	20.2	21.2	21.2	21.1	21.1	21.1	21.5	21.5	**21.7**	20.7
20.3	20.7	21.2	20.9	22.7	**26.3**	26.2	24.5	23.5	23.1	22.9	22.4	22.3
20.7	22.1	22.2	23.6	**24.3**	22.8	23.3	23.3	22.6	23.2	23	23.1	22.5
20.2	19.9	19.3	**18.5**	20.4	20.6	20.5	20.6	20.8	21	21.2	21	21.2
22.4	23.2	23.3	23.1	23.1	23.5	**24**	22.9	23	23.2	23.4	23.5	22.5
24.1	23.3	22.9	23	23.1	23.1	23.2	23.1	22.8	22.9	22.9	**22.7**	**23.3**
22.5	22.7	**23.7**	23.1	**21.9**	22.6	22.7	22.7	22.7	22.6	22.1	22	22.6
21.5	21.9	23	22.2	21.7	21.9	22.1	22.4	22.7	22.9	**23.2**	23.1	22.2
23	23.7	22.6	23.1	23.6	23.5	22.9	23.2	22.8	23.4	23.5	23.1	23.2
21.6	**21.3**	21.5	21.6	21.6	21.7	21.8	21.7	21.7	21.8	21.9	21.9	21.8

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu. NNE	Ci.-S.	Cu. NNE	Ci.-S.	Cu. NNE	Ci.-S.	Cu.	Ci.-S.	Cu.
2	Ci.	Cu.	Ci.-S.	Cu.	Ci.	Cu. E	----------	Cu. E	----------	Cu. E
3	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
4	Ci.	Cu.	Ci.-Cu.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu. E
5	Ci.	Cu.	A.-Cu.	Cu. E	A.-Cu.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.	Cu.-N.
6	Ci.	Cu.	Ci.	Cu. E	----------	Cu. E	----------	Cu. E	Ci.	Cu.
7	Ci.	Cu.	----------	N.-cf. E	Ci.-S.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu.
8	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.-N.
9	Ci.-S. NNW	Cu.	Ci.-S. NNW	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu.-N. E
10	Ci.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu.
11	Ci.	S.-Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E
12	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.-S.	N.-cf. E	Ci.-S.	Cu. E
13	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu.-N. E	Ci.	Cu.-N. E	Ci.	Cu.
14	Ci.	Cu.	Ci.-S.	Cu. E	Ci.	Cu. E	Ci.-Cu.	Cu. E	Ci.	Cu.
15	Ci.-S.	S.-Cu. E	Ci.-S.	S.-Cu.	Ci.-S.	Cu.-N.	Ci.	Cu.-N. E	Ci.	Cu.-N. E
16	Ci.	Cu.	Ci.-S.	N.-cf. E	Ci.-S.	Cu. E	Ci.-S.	N.-cf. E	Ci.-S.	Cu.
17	Ci.	Cu.	Ci.-S.	Cu. E	Ci.	Cu. E	----------	N.-cf. E	Ci.-S.	Cu.
18	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.	----------	Cu.
19	Ci.	Cu.	Ci.	Cu. E	----------	Cu. E	Ci.	Cu. E	Ci.-S.	Cu.
20	Ci.-S. NNE	Cu.	Ci.-S. NNE	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.-N.
21	Ci.	S.-Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.-N. E
22	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu.-N. E
23	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E
24	Ci.-S.	S.-Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	----------	Cu.
25	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.
26	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	Ci.-S.	S.-Cu.
27	Ci.-S.	Cu.	Ci.	Cu. SE	----------	Cu. SE	----------	Cu. SE	Ci.-S.	Cu.-N.
28	Ci.-S.	Cu. SW	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
29	Ci.-S.	Cu.	A.-Cu. EbyS	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
30	A.-Cu. E	Cu. E	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. NE	Ci.-S.	Cu. NE
2	----------	N.-cf.	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.	Cu.-N. W
3	Ci.	Cu.-N.	Ci.	Cu.	Ci.-S.	Cu. NE	Ci.-S.	Cu. NE	Ci.-S.	Cu.
4	Ci.-S.	Cu.	Ci.	Cu.-N. ESE	Ci.	Cu.-N. ESE	Ci.	Cu.-N. ESE	Ci.	Cu.-N.
5	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.
6	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
7	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.	Cu. E	Ci.	Cu.-N.
8	----------	Cu.-N.	Ci.-S.	Cu.-N. E	----------	Cu.	----------	Cu.	A.-Cu.	Cu.
9	Ci.	Cu. E	----------	Cu.-N.	----------	Cu.-N. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E
10	Ci.-S.	Cu.	Ci.-S.	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	Ci.-S.	Cu.
11	Ci.	Cu. E	----------	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu.-N. E
12	Ci.-S.	Cu.-N.	----------	Cu.-N. E	Ci.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N.
13	A.-Cu.	Cu.	Ci.-Cu.	Cu. E	Ci.-Cu.	Cu. E	Ci.-Cu.	Cu. E	Ci.-S.	Cu.
14	Ci.	Cu.	----------	Cu.	----------	Cu.-N. E	Ci.	Cu.-N.	Ci.	Cu.-N.
15	----------	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	S.-Cu.
16	Ci.-S.	N.-cf.	Ci.-S.	Cu.	----------	Cu.-N. E	Ci.-S.	Cu. E	Ci.-S.	S.-Cu.
17	Ci.-S.	Cu. E	Ci.-S.	Cu.-N. E	A.-Cu.	Cu. E	----------	Cu. E	----------	Cu.
18	----------	N.-cf.	----------	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu.
19	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E
20	----------	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	----------	Cu.
21	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	----------	Cu.
22	----------	Cu.-N E	----------	Cu.-N. E	----------	Cu.-N. E	Ci.	Cu.-N. E	Ci.	Cu.-N. E
23	----------	Cu.	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.
24	Ci.-S.	Cu.	----------	Cu.-N. E	----------	Cu. E	Ci.	Cu.-N. E	Ci.	Cu. E
25	----------	Cu.	----------	Cu.-N. E	----------	Cu. E	----------	Cu. E	----------	Cu.
26	Ci.-S.	S.-Cu. SE	Ci.-S.	S.-Cu. SE	Ci.-S.	N.-cf.	Ci.-S.	N.-cf.	Ci.-S.	N.-cf.
27	Ci.-S.	Cu.-N. SE	----------	Cu.-N. SE	----------	Cu.-N.	----------	Cu.-N. SSW	----------	Cu.-N. ssw
28	Ci.	Cu.	----------	Cu. SW	Ci.-S.	Cu. SWbyS	Ci.-S.	Cu.	Ci.-S.	S.-Cu.
29	----------	Cu.	----------	Cu.	----------	Cu.	Ci.-Cu.	Cu.	----------	Cu.
30	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	ESE 1.5	Calm	E 1	Calm	N 1	Calm	Calm	N 2	NNW 2.5	W 3.5	W 3.5	W 3
2	Calm	NE 1	Calm	Calm	E 1	Calm	Calm	Calm	WNW 1.5	SW 1	WSW 4.5	ENE 1.5
3	Calm	NNE .5	NNE .5	ENE 1	ENE 1	NE 0.5	Calm	E 1	W 2	WNW 2.5	WNW 2.5	WSW 4.5
4	N .5	NNW 1.5	NNW 2	N 2.5	NE 1.5	Calm	Calm	SSE .5	Calm	SW 2	WSW 2	W 3
5	Calm	E .5	N 2.5	N 2	N 1	NE .5	NE 1	N 1	E 1	SE 2	W 2.5	WSW 4.5
6	E .5	E .5	Calm	Calm	E .5	Calm	Calm	Calm	WSW 1.5	WSW 2	W 3	ENE 1
7	Calm	NNE .5	Calm	Calm	N .5	Calm	Calm	Calm	E 2	ESE 1.5	ESE 4	ESE 3
8	E 1.5	Calm	NE .5	Calm	NE .5	Calm	Calm	Calm	WSW 2	WNW 1	WSW .5	N 4
9	Calm	N .5	N .5	NNE 1	NNE 1	Calm	Calm	Calm	W 2	W 3.5	WNW 3	W 4.5
10	Calm	SE 1	SE 1	SE 1	SE 1	Calm	Calm	Calm	WNW 2	WNW 1	WSW 3	WNW 2
11	Calm	Calm	ENE .5	ENE .5	Calm	Calm	Calm	Calm	WSW 3	W 2.5	W 4	W 6
12	NNE 2.5	NNW 3	N 2	N 1.5	N .5	Calm	ESE 1	ESE 2	SSW 3	SSE 1.5	SE 4.5	SE 2
13	N 1.5	N 1	NE 1	Calm	NW .5	NNE 1.5	NNE .5	Calm	WNW 2	W 3	W 2.5	WSW 3
14	E .5	Calm	Calm	E .5	Calm	Calm	Calm	ESE 4	E 3.5	ESE 2.5	SE 4.5	ENE 1.5
15	E 1.5	Calm	E 1	E .5	E 2.5	Calm	Calm	Calm	Calm	Calm	ESE 6.5	NW 3
16	Calm	E 1.5	NE 1.5	Calm	E .5	Calm	E 1.5	ESE 2	E 5.5	ESE 5.5	E 7	E 8.5
17	SE 1	SE 1	NE 1	Calm	Calm	Calm	Calm	NE 1	ENE 5	ENE 1.5	W 3.5	W 3
18	ESE 1.5	E .5	Calm	Calm	Calm	E 1	Calm	Calm	W 3	W 4.5	W 4	WNW 3
19	ESE 1	E 1.5	Calm	Calm	Calm	Calm	Calm	Calm	ENE 2.5	ESE 4.5	SE 7.5	SE 6
20	N 1	N 1.5	N 2	N 1.5	N 1	NNE 1	NE .5	SSE 2	WSW 1.5	WSW 1.5	WSW 3	Calm
21	N 1.5	Calm	Calm	SE 1	E .5	NNE 3	ENE 2	N 1.5	Calm	W 2.5	NW 4.5	SW 5
22	NE 2	NE 1.5	NNE .5	Calm	NE .5	NE .5	NE .5	Calm	WNW 2	W 3.5	WNW 2.5	SE 1.5
23	SE 1	SE .5	SE .5	SE .5	SE .5	Calm	ENE 1	Calm	WNW 1	W 3	WNW 1.5	WNW 6
24	Calm	N .5	NE 1.5	NE .5	Calm	Calm	NE .5	Calm	ENE 1.5	ESE 3.5	SE 1	ESE 2.5
25	Calm	Calm .	Calm	N 1	N 1	Calm	Calm	Calm	W 1	W 2	SSE 4.5	SE 6.5
26	NNE 1.5	Calm	NNW 1	NNW 2	NNW 1.5	NNW 4	NNE 2.5	NNE 1.5	NNE 1	Calm	SSE .5	Calm
27	Calm	SE .5	Calm	SE 1	SE 1	SE 1	E .5	Calm	SE 2	SE 5	SEbyE 3.5	SE 3.5
28	ESE 1.5	ESE 1.5	ESE 1.5	ESE 1	ESE 1.5	E 1.5	ESE .5	SE 3.5	S .5	S 1	WSW 2	W 2.5
29	ESE 1	ESE 2	ESE 1.5	ESE 1	ESE 1	ESE .5	ESE .5	Calm	Calm	W 1	SW 2	W 5
30	SE .5	SE 1	Calm	W 2.5	N .5	ENE .5	ENE .5	SSE 1.5	SSW 1.5	WSW 2.5	WSW 5	WSW 4.5
Mean	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.8	1.9	2.4	3.4	3.5

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WSW 1.5	WSW 2.5	WSW 2.5	WSW 2	WSW 1	WSW 3	SW 2.5	SW 2.5	SW 1	SWbyW 1.5	SW 1	WNW 2.5	1.7
2	NNW 4	NW 2.5	W 2.5	SW 5.5	SW 3	NNE 2.5	Calm	NNE 1	NE 1	Calm	Calm	Calm	1.4
3	W 2.5	SSE 2	SSE 5	SE 4.5	SE 4	ESE 3.5	ESE 3	ESE 3	E 1	NW 1	NW 2.5	NW 1	2
4	WSW 2	W 4	W 3.5	SE 2.5	SE 3.5	SE 7.5	SE 4.5	SE 2.5	SE 2.5	WNW 5.5	W 1.5	Calm	2.3
5	SW 3.5	SW 2.5	SSW 2	SW 2	SW 1.5	SSW 1.5	SSE 1.5	E 2	E 2	E 2	SE 1.5	E 1.5	1.8
6	SE 6.5	SE 7	SE 8.5	SE 4.5	E 4.5	E 2.5	E 2.5	E 2.5	ESE 2.5	ESE 4.5	E 2	ESE 1.5	2.4
7	ESE 7.5	E 8	E 4	ESE 6	ESE 3	ESE 3.5	E 1	E 2.5	E 3.5	E 2	E 2	E .5	2.3
8	ESE 4	E 2	Calm	Calm	ESE 1.5	E 1	E 1	ESE 1.5	ESE 2	ESE 1.5	SE 2	SE 2	1.2
9	SE 6.5	ESE 4	NNE 2.5	Calm	SE 3	SE 2.5	SE 1.5	SE 2	SE 2.5	SE 2	SE 2.5	SE 1	1.9
10	WNW 2.5	WNW 1.5	NW .5	Calm	ENE 2.5	ENE 1.5	E 3.5	ESE 2.5	ESE 2.5	ESE 1	ESE 1	ENE 1	1.3
11	W 5	WNW 3.5	WSW 3.5	ESE 4	SE 3	ENE .5	Calm	Calm	E 1	Calm	SW 2	NNW 2.5	1.7
12	ESE 4	Calm	NNE 3	SE 2.5	SE 3	SE 2.5	SE 2.5	ESE 2	ESE 1.5	ENE 1	N 2.5	N 1	2
13	ESE 4	SE 3.5	SE 4	SE 3	SE 2	SE 2	ESE 3	ESE 1.5	E 2	E 1.5	E 2.5	E 1.5	2
14	WNW 2.5	NW 4	W 3	NW 2	Calm	ESE 4	ENE 3	ESE 2	ESE 2.5	ESE 1	E 1	E 1.5	1.8
15	NE 2	E 2.5	ESE 1.5	ESE 1	ESE 1.5	SE 1	Calm	Calm	ENE .5	Calm	N .5	NE .5	1.1
16	ESE 1.5	E 2.5	E 3.5	ESE 3	SE 1.5	SE 2	ESE 1	SE 1.5	SE 2	SE 2	Calm	SE .5	2.3
17	WSW 5	ESE 5	E 5	SE 6.5	SE 5	ESE 4	SE 2.5	ESE 2.5	ESE 2	ESE 2.5	ESE 2	ESE 2.5	2.6
18	ESE 3	SE 6	SE 5	ESE 3.5	SE 4.5	SE 8.5	ESE 3	ESE 2.5	ESE 2	ESE 1.5	ESE .5	SE 1.5	2.2
19	SE 11	SE 5	SE 6.5	SE 5	NE 3.5	NNE 1.5	Calm	E 2	E 1.5	E 1	NW 2	N 1.5	2.6
20	SW 1.5	Calm	ENE 1.5	SE 2	SEbyE 4	Calm	SE 1.5	SE 1.5	SE 1.5	NNW 5.5	NNW 3.5	NNW 1.5	1.7
21	WSW 2.5	W 3	WNW 2	WNW 1.5	NNW 1	NNE 1.5	Calm	ENE 1	E 1.5	SE 2	SE 2.5	SE 1.5	1.7
22	SSE 6.5	E 8	E 3	ESE 3.5	Calm	SE 1.5	SE 3.5	SE 3	ESE 2.5	SE 2.5	SE 1.5	SE 1.5	2.2
23	WNW 3.5	WNW 3.5	W 3.5	NE 4	NNE 1.5	SE 1	Calm	Calm	SE 1.5	SE 1	SE 1	SE 1	1.5
24	SE 4.5	NW 1.5	NNW 1	NNW 2.5	Calm	SE 2.5	ESE 3	SE 2	SE 2.5	Calm	Calm	Calm	1.3
25	SE 4	SE 3.5	SSE 5	SSE 5	SSE 3	SE 3	SE 2.5	SE 4	SE 3	SE 2	ESE 1.5	SE 2	2.3
26	Calm	Calm	Calm	Calm	WSW 1.5	Calm	Calm	S 1	Calm	SE 1.5	SE 3.5	SE 1	1
27	SW 2.5	SW 4	S 3	S 1.5	SE 1	Calm	SSE 1	ENE 2	E 2	ESE 2	ESE 2	ESE 2	1.7
28	WSW 8.5	WSW 10.5	swbyw 9.5	WSW 8.5	SW 8	WSW 7.5	SW 4.5	SW 5	SW 5.5	SSW 2.5	SE 2.5	SE 3	3.9
29	W 6	WSW 7.5	WSW 6.5	WSW 5.5	WSW 4	WSW 5.5	WSW 3	SW 3	SW 2.5	SW 2.5	Calm	Calm	2.6
30	WbyS 4.5	WSW 4.5	WbyS 8	W 6.5	W 4.5	WSW 4.5	WSW 6.5	WSW 5	WNW 6	NW 1.5	WNW 3	Calm	3.1
Mean	4.1	3.8	3.6	3.3	2.	2.6	2	2.1	2.1	1.8	1.7	1.2	2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	3	1.5	1	2	3	1.5	6	7	11	9	18	17
2	8.5	1	.5	0	.5	0	0	1	3	5	10	8
3	0	0	0	1	.5	0	0	0	3.5	9	16	15
4	0	1.5	4.5	6	6	1.5	.5	1	2	5	9.5	11
5	.5	0	1.5	6	3.5	2	2.5	5.5	6	7.5	8.5	13
6	1.5	1	.5	.5	1	1	3	1.5	2.5	10	13	12
7	0	1	0	0	0	.5	0	1	4.5	11	21.5	18
8	1	.5	1.5	0	1	0	1	0	6	10	11	5
9	3	.5	0	1	3	3	0	1	6.5	8.5	12.5	10
10	0	1.5	.5	2	2	3.5	.5	3	3	11	14.5	15
11	0	0	0	.5	0	.5	0	.5	5.5	10	17	13
12	13	10.5	8.5	4	3	0	1	4	8	9	16	11
13	3	3	3	0	0	1	0	0	8	6	15.5	8
14	2.5	.5	.5	0	0	0	0	3	5.5	9.5	11	11
15	3.5	2.5	.5	3	3.5	2	1	0	3.5	5	14.5	7
16	1	2.5	4.5	3.5	0	0	.5	5	10	14.5	22.5	16
17	3	2.5	2	1	0	1	.5	2.5	7	9	12	13.5
18	4	.5	0	0	0	0	1.5	1.5	4	10	18	13
19	2.5	3.5	3	1.5	0	.5	1	0	2	11	18	16
20	1.5	3.5	4	4.5	2	.5	1	1.5	3.5	7	12	9.5
21	4.5	1	0	1	1.5	4	7	9	3	6.5	10	8
22	4	3	3	0	1	1	0	1	8	11	19	12
23	1.5	.5	0	.5	.5	2.5	3	2.5	4	7.5	13.5	16
24	.5	0	1	1.5	1	1.5	1.5	1.5	5	6	10	12.5
25	0	.5	0	1.5	1.5	2.5	2	2	4	8.5	16.5	19
26	4	1.5	.5	3	3.5	6	8.5	7.5	1.5	3	5	.5
27	1	0	0	1	4	6	3.5	5	9.5	13	14.5	15
28	3.5	4	2.5	4	2.5	5	4.5	6.5	7	4.5	7	10.5
29	3	3	4	1	2.5	2.5	3.5	2.5	2.5	6	8	11.5
30	1.5	1.5	1	7	1	0	1	3	7	7	14	21.5
Mean	2.5	1.8	1.6	1.9	1.6	1.6	1.8	2.6	5.2	8.3	13.6	12.3

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	8	8	9	9	9	8	9	6	5	4	4	5	7	8	00
2	1	5	8	3	4	6	7	6	6	5	8	9	5.7	8	05
3	3	3	3	4	4	3	7	7	8	9	9	7	5.6	6	10
4	7	4	4	7	8	5	5	7	8	9	8	8	6.7	6	15
5	4	3	8	8	8	7	9	9	9	10	10	10	7.9	3	10
6	5	4	3	2	5	4	6	7	7	8	8	8	5.6	6	45
7	9	8	8	8	5	4	4	6	7	6	9	8	6.8	8	30
8	3	1	1	8	3	9	7	9	6	6	5	8	5.5	7	00
9	8	8	8	8	10	9	7	10	10	8	7	10	8.6	7	25
10	6	2	3	4	5	6	5	7	9	8	8	9	6	7	30
11	9	9	9	9	7	8	7	4	5	3	7	10	7.2	7	40
12	6	5	3	6	7	9	9	9	9	8	10	10	7.6	3	50
13	5	7	7	8	9	7	5	7	7	8	9	6	7.1	7	00
14	9	6	5	7	6	7	7	6	7	6	7	8	6.8	6	30
15	5	9	8	8	7	8	8	9	9	9	9	10	8.2	1	40
16	8	6	8	7	8	5	9	8	10	8	8	8	7.8	5	50
17	3	3	4	7	9	8	9	9	8	6	5	6	6.4	8	55
18	6	6	7	7	7	8	9	4	6	7	8	3	6.5	7	20
19	5	2	2	2	5	4	4	5	7	6	9	9	5	7	05
20	8	9	9	8	7	8	8	9	10	10	10	10	8.8	2	10
21	9	6	7	9	10	7	8	7	6	6	7	5	7.2	5	25
22	1	1	1	2	3	10	6	6	7	9	10	8	5.3	7	20
23	9	9	8	9	8	8	4	8	7	10	6	7	7.8	5	50
24	10	8	4	5	7	6	8	8	9	9	8	8	7.5	3	40
25	6	7	7	6	7	6	5	7	4	3	3	4	5.4	7	30
26	10	10	10	10	10	10	10	10	10	9	8	9	9.7	0	00
27	9	10	6	4	3	8	9	10	10	10	10	10	8.2	3	45
28	3	6	2	2	2	1	4	4	5	7	8	8	4.3	8	35
29	2	3	6	3	3	4	2	2	2	2	2	3	2.8	10	00
30	9	8	7	5	4	4	3	3	3	2	2	3	4.4	8	55
Total														187	50
Mean	6.2	5.9	5.8	6.2	6.3	6.6	6.7	7	7.2	7	7.4	7.6	6.6	6	16

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
15	15	15	14	13	15	12	12	4.5	4.5	4	7.5	8.8
11	13	10	10.5	12.5	7	2.5	1.5	3	1	0	0	4.6
11	11.5	13.5	21	22	12	12	9	3	2	8	2	7.2
8	12	13	9	12.5	18.5	14	16	10.5	11.5	12.5	1.5	7.8
15.5	15.5	10	9.5	8	4.5	6.5	3.5	4.5	3.5	5	4.5	6.1
16	23	21	20	18	15	11	11	6	14	10.5	3.5	9
22	16	15	16	16	9	9	11	8	8	4	5	8.2
13	10.5	4.5	.5	3	9	6	4	3	5.5	6	6.5	4.5
9	14	19	5	7	12	7	9.5	7.5	6	9	7	6.7
13	13	9	4	14	7.5	6.5	5.5	6	5.5	3.5	3	6.1
13	15	12	11	14	9	3.5	.5	.5	.5	4	5	5.6
9	3	17	4	17	12	8	6	5	2	7	4	7.6
12.5	17	20	18	17	13	12	6	4	3.5	5.5	4.5	7.5
12	14	15	11.5	2.5	11.5	14.5	8	5	.5	.5	3	5.9
5	6.5	8.5	8	9	8	2	0	0	0	0	1	3.9
22	15	12	14	11	9	3	7	5	5	2.5	1	7.8
10.5	18	20	20	21	22	15	7.5	8.5	9	7.5	6	9.1
7	20	20	19	13	17	13	8	5	4	2	4	7.7
17.5	16.5	15	14	13	10	4	4	5	6	3	5	7.2
7.5	11.5	3.5	10	9	5.5	5.5	7	4	16	14	8.5	6.4
7	12	13	9	10	4	.5	2	3	4.5	7.5	4.5	5.5
15	21	17	12	7	1.5	10.5	10	10.5	7.5	7	4.5	7.8
17	15	10	10	9	1	.5	1	1.5	1.5	2.5	1.5	5.1
12.5	8	7	8	.5	12.5	12.5	10	8	4.5	2.5	.5	5.4
18.5	16.5	15	14.5	17.5	19	13.5	14.5	10	8	3.5	3	8.8
0	.5	2	1.5	3.5	3.5	1	6	1	2.5	15	3.5	3.5
20.5	22	16.5	5.5	5.5	4.5	5	4	6	6.5	5	4	7.4
22	34	43	33	29	24	23	17.5	30.5	14.5	3.5	5	14.2
17	24	37	28	26	18	21	15	12	9	.5	1.5	10.8
23.5	23	24	26	22	23	20	19.5	16.5	14	8.5	3.5	12
13.4	15.2	15.2	12.9	12.8	11.2	9.2	7.9	6.6	6	5.5	3.8	7.3

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	2				1	1					4	7	3	1		1	4	211.5	6	0.6
2		2	2	1	1						3	1	1	1	1	1	10	109.5	5.3	
3		2	1	2	2	3	2	2				1	2	2	3		2	172	6.7	
4	2		1				6	1			1	2	4	1		2	4	187.5	6.5	
5	4		2		6		2	1		2	4	1	1				1	147	4.4	
6				1	8	3	4					2	1				5	216.5	6.9	1.3
7	1	1			9	7											6	196.5	7.7	
8	1		2		4	5	2					2		1			7	108.5	4.1	10.7
9	2	3				1	9						3	1			5	161	5.9	
10		3			1	4	4					1		5	1		5	147	6.1	
11				3	1	1	1				1	2	4	1		1	9	135	5.9	
12	5	2		1		5	6	1		1						1	2	182	3.9	3
13	2	2	1		4	3	5					1	2	1	1		2	180.5	6.6	
14				2	5	6	1						1	1	2		6	141.5	6	
15	1		2	1	5	4	1								1		9	94	4.1	
16			1		8	5	6										4	186.5	5.9	
17			2	2	1	7	5					1	2				4	219	6.8	
18					2	8	5						3	1			5	184.5	6.6	
19	1	1	1	1	4	2	6								1		7	172	7.3	
20	5	1	1	1			5	1			1	3				3	3	152.5	3.5	3.6
21	2	3		1	2		4				1	1	2	2	1	1	4	132.5	4.9	
22		1	5		2	2	7	1					1	2			3	186.5	6	
23		1	1	1			10						2	5			4	122.5	5.1	
24	1		3	1		3	5								1	2	8	128.5	4.8	
25	2					1	9	4					2				6	211.5	7.1	
26		4					3	1	1			1				4	10	84.5	.2	53.6
27					2	4	9	1	2		2						4	177.5	2	44.6
28					1	6	3		2	1	4	6	1					340.5	5.1	.3
29						7					4	6	3				4	259	4.5	2.8
30	1			2			2	1		1		7	5	2	1		2	289	4	6.2
Total	32	26	25	20	69	88	122	14	5	5	25	45	43	27	13	16	145	5,236.5	159.9	126.7
Mean	1.1	0.9	0.8	0.7	2.3	2.9	4.1	0.5	0.2	0.2	0.8	1.5	1.4	0.9	0.4	0.5	4.8	174.6	5.3	4.2

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	759. 55	10. 50p.	35	2. 55p.	93	24. 8	756. 30	4. 10p.	25. 4	5. 35a.	56	21. 2
2	60. 65	10. 30p.	36. 3	11. 50a.	95	24. 7	57. 33	4. 00p.	25. 2	1. 25a.	54	20. 4
3	60. 35	9. 00a.	35. 5	2. 10p.	95	22. 4	57. 10	3. 10p.	24	5. 45a.	51	18. 9
4	60. 13	9. 00a.	35. 1	3. 35p.	94	23. 4	56. 25	4. 30p.	23. 7	5. 45a.	56	20. 2
5	59. 30	9. 55a.	34	0. 05p.	88	24	56. 61	4. 00p.	25. 4	5. 45a.	56	20. 4
6	60. 45	9. 35p.	**36.9**	2. 20p.	95	22. 8	57	3. 35p.	24. 5	5. 15a.	**36**	**15.9**
7	60. 15	8. 15a.	35. 8	4. 05p.	97	22. 7	56. 70	4. 30p.	24. 3	5. 30a.	43	17. 9
8	59. 30	7. 25a.	35. 9	1. 15p.	89	23. 9	55. 80	3. 20p.	23. 5	5. 50a.	54	18. 9
9	**58**	8. 25a.	35. 8	2. 15p.	97	22. 3	55. 30	2. 40p.	23. 5	5. 35a.	50	20. 1
10	58. 25	11. 00p.	34. 9	2. 50p.	95	21. 9	55. 15	5. 00p.	23. 5	5. 35a.	56	19. 8
11	58. 95	10. 55p.	35. 9	4. 25p.	93	22. 7	**54.89**	4. 00p.	24. 1	5. 30a.	50	20. 8
12	59. 60	10. 40p.	34. 8	11. 50a.	94	24	56. 50	3. 50p.	25. 2	5. 35a.	55. 5	21. 3
13	59. 05	0. 05a.	36. 4	1. 15p.	96	24. 1	56. 05	3. 30p.	24. 6	5. 50a.	45	19. 3
14	58. 70	11. 00p.	35. 5	11. 40a.	88	22. 5	55. 90	4. 30p.	**25.8**	5. 40a.	52	20. 5
15	59. 25	11. 00p.	33. 9	11. 10a.	**87**	22. 8	56. 95	4. 05a.	25. 4	5. 55a.	60	20. 5
16	**60.70**	10. 30p.	36. 2	0. 30p.	94	22. 8	**57.50**	3. 45p.	24. 8	5. 30a.	51. 5	20. 5
17	60. 35	0. 05a.	36. 4	3. 15p.	97	22. 5	56. 60	3. 40p.	24. 6	5. 00a.	53	20. 2
18	59	0. 05a.	36. 8	3. 25p.	96	22	55. 50	3. 30p.	24. 2	5. 15a.	48	19
19	58. 55	10. 40p.	36. 6	2. 05p.	**87**	22. 3	55. 50	3. 40p.	25. 3	4. 55a.	47	20
20	58. 95	10. 30p.	33. 3	0. 55p.	91	23	55. 85	3. 55p.	25. 3	5. 35a.	63	21. 2
21	59	11. 00p.	34. 6	0. 50p.	93	22. 9	56	4. 00p.	24. 6	3. 30a.	55	20. 3
22	58. 75	10. 25p.	35. 6	1. 40p.	95	**21.7**	56	3. 45p.	**23.3**	5. 15a.	53	20
23	58. 20	8. 40a.	35. 1	2. 55p.	92	**26.3**	55. 40	4. 20p.	24. 5	5. 25a.	54	20. 3
24	58. 60	10. 10p.	36. 2	0. 15p.	90	24. 3	55. 60	3. 25p.	25. 5	5. 30a.	49	20. 7
25	58. 40	10. 15a.	36. 2	1. 05p.	94	22. 9	55	4. 30p.	25. 1	5. 45a.	45	18. 5
26	58. 65	10. 35p.	**30.1**	4. 50p.	**100**	24	56	4. 10p.	24. 6	10. 50p.	**77**	21. 1
27	59. 15	10. 20p.	33	0. 05p.	**100**	24. 2	56. 80	3. 45a.	24. 3	1. 40p.	67	**22.7**
28	60	11. 00p.	33. 1	1. 10p.	**100**	23. 7	57. 05	3. 35p.	23. 8	4. 30a.	64	21. 9
29	59. 50	0. 05a.	33	1. 55p.	99	23. 2	57. 05	4. 30p.	23. 9	5. 30a.	63	21. 5
30	59. 95	10. 25p.	32. 5	2. 50p.	97	23. 8	57. 15	4. 00p.	25. 1	5. 45a.	66	22. 5
Mean	759. 31	--------	35	--------	94	23. 3	756. 23	--------	24. 6	--------	54. 3	20. 2

DAILY GENERAL REMARKS.

1----Cloudy weather.
2----d, ⚡ SSE, ⛈ NNW, WSW in the early morning; ⛈ NE quadrant in the afternoon.
3----⚡ N in the evening.
4----⛈° S and NE in the afternoon; coloration of clouds at sunset.
5----Coloration of upper clouds at sunrise; ⚡ N and E in the evening.
6----Somewhat gusty SE winds in the afternoon; ●° at night.
7----Somewhat gusty Ely winds in the afternoon.
8----Thundershowers in the afternoon.
9----⛈ NE, d° in the afternoon.
10----Slight convergence of Ci. toward N at noon.
11----⛈ NE in the afternoon; ⚡ W in the evening.
12----● 2.20 p. m.
13----Overcast.
14----Cloudy weather.
15----Coloration of clouds at sunrise.
16----Somewhat gusty Ely winds in the forenoon.
17----Cloudy weather.
18----⚡ W in the evening.
19----As yesterday.
20----○^{2} in the morning; ●, ⛈ N in the afternoon.
21----Overcast.
22----Somewhat gusty Ely winds in the afternoon.
23----Overcast.
24----d° in the morning and afternoon.
25----⚡ NW in the evening.
26----●° in the morning; ●^{2} at night.
27----● in the early morning; ●^{2} with gusty SWly winds in the afternoon.
28----Gusty SWly winds at intervals in the afternoon.
29----d in the early morning; somewhat gusty WSW winds in the afternoon.
30----● early in the morning and at night; convergence of Ci. toward SW and later toward W, ○ in the morning; somewhat gusty Wly winds in the afternoon.

OBSERVATIONS FOR JULY, 1915.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.45	59.20	59	58.80	58.45	58.38	58.72	59.22	**59.52**	59.27	58.97	58.59
2	56.80	56.40	56.40	56.25	56.55	57.18	57.39	57.48	57.36	56.97	56.97	56.82
3	56.10	55.75	55.65	55.65	55.95	56.58	57.14	57.02	57.06	57.01	56.82	56.47
4	57.05	57	57.05	57	57.25	57.69	57.91	58.43	58.61	58.53	58.40	58.12
5	58.35	57.75	57.60	57.55	57.90	58.39	58.67	58.86	59.07	**59.17**	**59.17**	58.81
6	58.65	58.30	58.10	58.10	58.40	58.84	59.15	59.13	59.12	59.01	58.70	58.30
7	58.90	58.65	58.55	58.50	58.65	59.31	59.67	**60.25**	59.95	59.42	59	58.19
8	59.80	59.45	59.35	59.10	60.10	60.25	60.30	60.65	60.70	60.50	60.18	59.87
9	60.10	59.60	59.55	59.60	59.90	60.34	60.64	60.92	61.08	61	60.96	60.17
10	60.55	60.55	60.40	60.35	60.45	60.54	60.79	60.99	**61.12**	61.02	60.47	60.18
11	59.55	58.90	58.85	58.55	58.80	59.44	60.08	60.05	60.05	60.05	**60.14**	59.72
12	59.25	59	58.90	58.70	58.55	58.79	59.24	59.44	59.44	59.14	58.97	58.50
13	58.45	58.25	58.10	58.10	58	58.38	58.69	58.84	**58.89**	58.80	58.47	58.09
14	57.95	57.65	57.70	57.60	57.45	57.90	57.98	**58.20**	58.04	57.97	58.01	57.56
15	57.60	57.30	57.40	57.15	57.20	57.61	58.16	58.40	58.35	58.87	58.90	58.74
16	58.70	59	58.50	58.10	58.05	58.42	58.72	58.96	59.14	**59.24**	59.23	58.74
17	58.30	58.25	58.25	58.15	58.30	57.86	58.48	58.75	58.70	58.49	58.40	58.23
18	58.15	57.80	57.45	57.45	57.55	57.80	57.87	**58.21**	58.19	57.78	57.62	57.21
19	56.65	56.15	56.20	56.35	56.45	56.74	56.92	57.10	**57.25**	57.08	56.74	56.19
20	56.70	56.15	55.90	55.80	56	56.63	56.82	56.79	56.92	56.81	56.59	56.12
21	56.35	55.80	**55.55**	55.65	56.30	56.94	57.52	58.01	58.14	57.89	57.78	57.46
22	58.45	58.10	57.80	57.80	58.10	58.64	58.82	59.05	59.64	59.39	59.21	58.55
23	58.60	57.95	57.65	57.85	57.85	58.39	58.91	**59.24**	59.09	58.91	58.92	58.47
24	58.10	57.60	57.25	56.90	56.75	56.68	56.97	56.95	56.67	56.33	56.33	56.19
25	55.85	55.10	54.85	55	55.25	55.43	55.92	56.20	**56.25**	56	56.03	55.46
26	55.45	55.30	54.95	54.85	54.80	55.06	55.06	55.49	55.73	55.45	55.19	54.89
27	**54.65**	54.15	54.15	53.95	54.05	54.07	54.26	54.44	54.34	54.24	53.98	53.64
28	53.65	52.95	52.85	52.40	52.50	52.79	52.96	53.66	**53.81**	53.77	53.76	53.25
29	**52**	51.90	51.50	51.60	51.35	51.42	51.52	51.90	51.86	51.72	51.28	50.84
30	51.20	51.15	51.10	**50.95**	51	51.28	51.33	51.63	51.49	51.77	51.96	51.73
31	53.70	53.65	**53**	53.05	53.35	53.41	53.61	54.08	54.28	54.53	54.63	54.37
Mean	57.26	56.93	56.76	56.67	56.81	57.13	57.43	57.69	57.74	57.62	57.48	57.08

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	25.8	25.6	25.2	24.7	**24.5**	24.6	25.9	27.5	29	30	30.5	30.5
2	25.4	25.3	25.3	25.3	**25.2**	**25.2**	26.5	28.5	29.8	30.3	**31.3**	31.1
3	25.5	25.3	25.2	24.8	**24.7**	25	28.2	30	30.3	31.4	31.4	31.7
4	27.2	27.4	25.6	25.3	**25.2**	25.3	28.7	30.3	30.6	31.2	31.1	31.7
5	28	27.2	26.6	26.6	**26.3**	26.4	29.6	29.2	29.7	31	31.6	32.1
6	27.1	26.7	26.2	25.9	**25.6**	25.7	28.1	30.1	31	31.3	31.8	32.4
7	26.1	26.3	26	26.1	25.8	**25.6**	28.4	30	30	31.5	32.2	33.7
8	27.3	26.5	26.3	26.2	26	**25.9**	27.2	30	29.5	29.9	30.3	30.4
9	26.5	25.9	25.6	**25.2**	25.3	25.5	27.8	29.7	31.1	30.6	31.5	30.9
10	26.4	25.9	25.5	25.1	**24.8**	**24.8**	27.8	29	30.8	31.5	31.8	32.6
11	25.9	25.7	25.3	25.4	25.5	**25.2**	25.3	25.6	26.9	29	30.3	31.1
12	25.9	25.6	25	**24.7**	**24.7**	**24.7**	25.5	27.5	29.5	30.6	30.2	30.9
13	24.9	24.7	24.4	23.9	**23.7**	24.1	26.6	28.5	29.5	29	30.2	30.4
14	25	24.7	24.9	24.7	**24.5**	24.6	25.1	27.3	29.9	29.3	29.4	**31.5**
15	24.3	**24.1**	24.3	**24.1**	24.2	24.2	26	28	**29**	24.9	25.1	25.5
16	24.1	23.8	23.6	23	**22.6**	22.7	24.2	25.7	26.5	28	28.6	29.6
17	24.4	24.3	24.4	24.1	24.1	**24**	24.8	26.2	27.9	28.3	28.6	**29.7**
18	24.2	24	23.7	23.1	22.9	**22.8**	24.9	27.4	30.1	29.8	29.1	30.6
19	24.1	23.8	23.6	**23.5**	**23.5**	23.6	25.8	28.6	29.1	29.4	30.3	30.6
20	25.6	25	24.9	24.6	**24.3**	**24.3**	27.3	29.1	28.1	30.4	31	31.3
21	25.5	25.3	25	25	**24.9**	**24.9**	26.7	29.4	30	30.4	31	**31.6**
22	25.5	25.1	25.1	25.3	25.3	**24.7**	26.2	27.1	26.7	29.7	30.7	31.2
23	28.3	28	27.3	27.3	26.3	26	27.3	29.5	30	30.5	31.2	31.5
24	26.1	26.2	25.5	26.2	26.1	25.9	26.4	27.5	28.8	29.5	30.5	30.1
25	25	25.5	24.9	24.8	**24.1**	24.6	25.7	27	26	28.4	28.4	29.3
26	26.2	25.3	25	25.3	25.1	**24.9**	26.9	**28.8**	26.9	25.8	26.6	27.6
27	25.4	25.7	24.7	25.3	25	**24.5**	25	26.4	28	29.1	28	28.2
28	**27.2**	26.6	26.2	26.4	25.5	25.2	26.8	25.7	25.6	26.5	25.5	25.8
29	**24.6**	**24.6**	**24.6**	25.6	25.8	25.9	26	27.5	28.2	28.3	29.9	**30**
30	25.1	25.1	24.9	24.8	24.5	**24.4**	24.8	25.8	26.8	28.6	29.3	**29.6**
31	24.8	24.5	**24.4**	24.5	24.5	**24.4**	24.6	25.2	25	25	25.9	25.6
Mean	25.7	25.5	25.1	25.1	24.9	**24.8**	26.5	28	28.7	29.3	29.8	30.3

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
58.23	57.44	57.15	**56.72**	56.90	57.47	57.64	57.80	58.10	58.40	58.35	57.55	58.30
56.41	56.37	56.37	**56.11**	56.46	56.81	57.17	**57.50**	57.45	57.45	57.25	56.60	56.86
56.01	55.77	55.60	**55.30**	55.60	56.11	56.55	57	57.15	**57.50**	57.45	57.35	56.44
57.76	57.05	56.69	**56.51**	56.69	57.20	57.50	58.05	58.70	58.90	**59.05**	58.80	57.75
58.32	57.94	57.36	57.40	**57.18**	57.65	58.10	58.55	58.75	58.95	59.15	59.05	58.32
57.71	57.30	56.91	**56.90**	57.35	57.62	58.46	59.05	58.85	**59.65**	59.30	59.30	58.42
57.59	57	**56.80**	56.85	57.10	57.81	58.44	59.30	59.65	60.05	60.05	59.95	58.73
59.36	58.64	57.88	**57.84**	58	58.03	58.91	59.40	60.20	60.55	**60.75**	60.65	59.60
59.56	58.89	58.40	**58.14**	58.45	59.11	59.59	60.45	60.70	**61.25**	61.20	61	**60.02**
59.46	59.39	58.56	**58.54**	58.70	58.95	59.16	60.05	60.20	60.30	60.20	59.65	**60.02**
59.23	58.45	58.73	**58.42**	58.95	59.03	59.55	59.50	59.55	59.70	59.65	59.40	59.35
57.62	**57.12**	57.95	58.24	57.35	58.02	58.42	58.90	59.45	**59.95**	59.35	58.75	58.71
57.12	57.02	56.46	**56.18**	56.50	56.98	57.72	58.05	58.25	58.35	58.45	58.15	57.93
57.46	57.24	56.96	**56.93**	57.34	57.37	57.10	57.45	58	58.15	58.10	57.85	57.66
58.43	57.99	57.13	**56.93**	57.28	57.83	58.23	58.55	58.85	**59.45**	59.15	59.20	58.11
58.24	57.83	57.74	**57.43**	57.64	57.82	58.29	58.45	58.40	59.05	58.60	59.05	58.47
58.12	57.59	57.38	**56.88**	57.24	57.67	57.87	58.10	58.40	58.65	**58.80**	58.55	58.14
56.48	55.88	55.67	**55.48**	56.04	56.52	57.15	57.55	57.90	57.90	57.75	57.20	57.28
55.57	54.97	54.72	**54.67**	54.73	54.96	55.82	56.25	56.95	57.15	57.10	57.10	56.24
55.80	55.41	**54.81**	54.86	55.35	55.75	56.50	57.25	57.10	57.25	**57.30**	56.95	56.32
56.82	56.96	56.43	56.58	56.89	57.76	58.12	58.80	59	59.35	**59.40**	58.85	57.43
57.99	57.85	57.34	**57.33**	57.53	57.97	58.55	59	59.60	**59.80**	59.50	59.30	58.55
57.64	57.11	**56.55**	56.74	**56.55**	57.26	57.89	58.25	58.65	58.70	58.85	58.55	58.11
55.72	55.41	54.90	**54.75**	54.77	54.92	55.43	55.90	56.35	56.70	56.60	56.35	56.27
54.96	54.32	54.12	53.98	**53.92**	54.48	55	55.40	55.80	56.15	56.05	55.85	55.31
54.59	54.31	**54.04**	54.05	54.09	54.09	54.20	54.55	54.85	55.15	55.15	55.10	54.85
53.48	52.97	**52.67**	**52.67**	**52.67**	52.95	53	53.30	53.75	54.25	54.20	54.20	53.75
52.92	52.66	52.30	52.18	**52.11**	52.54	52.64	53	53.05	53	53	52.60	52.93
50.64	50.52	50.07	**49.84**	50	50.75	51.06	51.60	51.60	51.75	51.50	51.35	**51.23**
51.53	51.48	51.18	51.16	51.56	52.17	53.16	53.20	53.60	**54.05**	53.90	**54.05**	51.98
54.05	53.91	53.35	53.41	53.75	54.20	54.63	55.40	**55.90**	**55.90**	**55.90**	55.45	54.23
56.61	56.22	55.88	**55.77**	55.96	56.38	56.83	57.28	57.57	**57.85**	57.78	57.54	57.01

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
30.4	30	**30.6**	29.3	29.3	28.6	28.2	28.5	26.7	25.6	25.7	25.6	27.6
31.2	30.5	30.9	30.1	29.5	29.2	29.1	29	28.3	26.8	26.1	25.8	28.2
32.2	**32.3**	31.5	30.9	30.2	29.7	29.1	29	28.4	27.9	26.5	26.4	28.6
31.6	**32**	31.6	31.3	31.1	29.7	29	28.9	29	29.1	28.8	28.3	29.2
32.3	32	**32.4**	32	32.1	30.5	30.1	29.4	28.6	27.9	28.2	28	**29.5**
33	32.8	32.5	32.3	31.3	29.9	27.9	27.5	27.2	27.2	26.5	26.4	29
33.5	**34.8**	32.5	34.2	31.3	29.6	29	28.3	28.5	28	27.4	27.4	29.4
32.4	33.2	33.3	**33.5**	32.6	31.3	30.2	29.2	28.6	28.3	27.5	27.4	29.3
32.8	32.8	32.6	**34**	33.1	31	29.1	28	26.4	26.4	26.2	26.4	28.9
33.1	25.3	30.3	31.8	31.4	30.2	28.8	27.8	27.5	26.9	26.2	25.9	28.4
31.3	**31.3**	28.2	29.1	29.4	28.7	27.6	27.2	26.7	26.4	26.1	25.8	27.5
31.3	**31.3**	28.7	26.5	27.8	28.1	27.9	26.9	26.3	26.3	25.3	24.9	27.3
30.4	29.5	27.4	**30.5**	29.1	28.5	26.6	26.1	26.2	26.1	25.9	25	27.1
29	29.4	29.7	30	29.3	28.4	27.2	26.8	26.4	26.1	25.1	24.8	27.2
26.8	27.7	27.7	27.3	27.2	26.7	25.6	25	25.3	25.5	24.8	24.2	25.7
30	29.8	**30.8**	30.2	28.9	28	26.9	26.5	26.7	26.8	26.4	25.2	26.6
27.9	27.2	27.9	27.4	27	26.8	25.8	25.4	25	24.8	24.4	24.3	26
31.3	**31.5**	30.4	29.1	28.4	26.6	26	25.7	25.5	25.3	24.9	24.5	26.7
31.4	**31.9**	31.7	30.7	29.5	28.3	27.5	26.9	27	26.5	26.3	25.9	27.5
32	**32.2**	30.5	30.1	29.8	29.4	29.3	29.2	27.5	26.9	26.5	25.7	28.1
31.5	30.8	30.9	31	30.2	29.1	28.3	28.4	28.2	27.4	26.4	25.9	28.2
31.3	31.3	31.2	**31.4**	31.2	29.5	29.1	28.9	28.8	28.7	28.6	28	28.4
31.6	**32**	31.2	29.7	29.2	28.3	25.4	**25.2**	25.9	25.5	25.6	25.7	28.3
30.6	29.9	29.8	30.3	28.6	28.3	28.2	26.1	25.8	25.6	25.3	**25.1**	27.6
29.7	**29.9**	28.6	28.2	28.7	27.7	27.5	27.7	26.5	26.9	27.1	26.9	27
27.5	28.2	28.6	27.6	26.6	27	27.2	26.7	25.9	25.7	25.7	25.4	26.5
28.7	**29.2**	28.1	27.9	26.9	27	27.4	27.2	27.3	27.6	26.5	26.7	26.9
26.4	26.4	25.6	25.2	24.9	**24.7**	24.9	25	24.9	25.7	25.7	24.8	25.7
28.8	28.5	28.8	29.4	27.2	25.8	25.7	25.2	24.7	**24.6**	24.8	25	26.6
28.9	27.4	27.5	27.5	26.7	25.5	25	24.4	25	25	25.1	25	26.1
26.1	25.5	25.9	**26.8**	26.7	25.7	25.6	25.6	25.3	25.2	25.4	25.1	**25.3**
30.5	30.2	29.9	29.8	29.2	28.3	27.6	27.2	26.8	26.5	26.2	25.9	27.6

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	93	92	93	96	97	96	89	83	72	68	72	71
2	96	97	97	97	98	98	92	80	74	71.5	69	69
3	93	95	95	97.5	97	95	79.5	73	72	67	67	66
4	90	90	98	98	99	98	83	73	73	71	72	70
5	89	92	94	94	96	95	81	86	82	76.5	72	70
6	90	92	94	95	96	96	82	74	69	69	69	64.5
7	93	90	93	92	93	93	80	76	77	70	68	60
8	84	89	90	90	91	92	83.5	69	76	75	71.5	70
9	86	89	90	92.5	91	91	79	71	65.5	69	65	67
10	86	88	90	92	94	93	77	70	65	64	64	59
11	88.5	90	93	92	90	93	95	95	88	75	69	64
12	88.5	88	91	92	92	92	88	80	75	72	69.5	68
13	95	97	98	99	99	96	84	75	72	76	67	67
14	92	94	90	92	92	92	89	81	67	70	74.5	65
15	96	96	95	95	94	93	86	77	74	90	89	89
16	92	95	92	96	98	98	91	86	84	78	74	71
17	96	97	95	98	98	99	96	87	77	77	77	72.5
18	97	97	97	99	98	98	89	76	64	64	69.5	65
19	96	97	99	98	98	97	86	80	75	75	75	74
20	90	92	92	93	94	93	80	76	82	70	70	67
21	94	95	98	98	98	98	89	80	77	75	74	67
22	93	95	95	95	96	96	92	92	94	77	72	73
23	85	86	90	91	97	98	91	81	74	72	72	73
24	95	94	98	92	91	93	90	83	76	73	71	71
25	96	91	94	97	98	97	92	85	91	79	77	74
26	89.5	94	95	94	95	98	88	75.5	85	91	93	82
27	95	92	94	94	97	97	96	89	83	78	83	83
28	83	83	85	84	89	92.5	83	87	89	86	93	93
29	99	99	99	95	92	93.5	94	88	83	84	77	77
30	96	95	97	97.5	99	99	97	94	91	83	80	75
31	96	97	96	96	96	97	96	96	97	97	93	95
Mean	92	92.8	94.1	94.6	95.3	95.4	87.7	81.2	78.2	75.6	74.5	72

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23.1	22.4	22.2	22.2	22	22	22.2	22.6	21.5	21.4	23.2	23
2	23.1	23.1	23.1	23.1	23.2	23.2	23.6	23.2	23.1	22.9	23.4	23.3
3	22.6	22.7	22.6	22.6	22.5	22.4	22.5	23.1	23.2	22.9	22.9	23.2
4	24.2	24.3	24	23.5	23.6	23.5	24.3	23.3	23.8	23.9	24.1	24.5
5	25	24.7	24.2	24.4	24.4	24.3	24.9	26	25.3	25.5	25	24.8
6	24.1	23.9	23.6	23.6	23.3	23.5	23.3	23.5	23.2	23.4	24.1	23.3
7	23.3	22.9	23.1	23	22.8	22.8	22.8	23.9	24.4	24.1	24.3	23.2
8	22.5	22.8	22.8	22.8	22.7	22.8	22.4	21.7	23.2	23.6	22.9	22.4
9	22.2	22.2	22	22	21.8	22	21.8	22	22	22.6	22.2	22.4
10	21.9	21.8	21.8	21.9	21.9	21.7	21.4	20.8	21.6	22	22.4	21.7
11	22	22.1	22.3	22.1	21.8	22.2	22.7	23.2	23.2	22.3	22.1	21.6
12	22	21.6	21.3	21.4	21.2	21.2	21.4	21.8	23	23.4	22.1	22.5
13	22.2	22.5	22.3	21.9	21.6	21.4	21.8	21.6	22.2	22.5	21.3	21.6
14	21.7	21.8	21	21.2	21.1	21.1	21.1	21.9	21.1	21.3	22.6	22.2
15	21.6	21.4	21.4	21.1	21.1	20.9	21.5	21.5	21.9	21	21.1	21.7
16	20.6	20.8	19.9	19.9	20	20.1	20.5	21.1	21.6	21.9	21.5	21.9
17	21.7	21.8	21.6	21.9	21.9	22	22.3	22	21.5	21.9	22.3	22.4
18	21.8	21.6	21.2	20.8	20.4	20.3	20.9	20.6	20.4	19.9	20.8	21.3
19	21.4	21.3	21.4	21.1	21.1	21.1	21.2	23.4	22.4	22.9	24	24
20	22	21.7	21.6	21.4	21.2	21	21.5	22.8	23.3	22.7	23.3	22.7
21	22.8	22.7	22.9	22.9	22.8	22.8	23.1	24.3	24.2	24.1	24.6	23.2
22	22.6	22.5	22.5	22.7	23	22.2	23.2	24.5	24.6	24	23.8	24.5
23	24.4	24.2	24.2	24.6	24.6	24.6	24.6	24.7	23.4	23.2	24.3	25.2
24	23.9	23.8	23.6	23.2	22.9	23	22.9	22.6	22.4	22.4	23	22.4
25	22.5	22	22	22.5	21.9	22.2	22.5	22.5	22.7	22.7	22	22.5
26	22.6	22.6	22.4	22.6	22.5	22.8	23.2	22.2	22.4	22.4	24	22.5
27	22.9	22.5	21.8	22.6	22.8	22	22.5	22.7	23.3	23.5	23.3	23.6
28	22.2	21.4	21.6	21.5	21.7	22	21.8	21.3	21.8	22	22.6	23.1
29	22.8	22.8	22.8	23.2	22.7	23.2	23.3	24.1	23.6	24	24.3	24.2
30	22.7	22.5	22.6	22.6	22.7	22.5	22.5	23.2	23.8	24	24.2	23.2
31	22.3	22	21.7	21.9	21.9	21.9	22	22.8	22.8	22.8	23	23.2
Mean	22.6	22.5	22.3	22.3	22.2	22.2	22.4	22.7	22.8	22.8	23.1	22.9

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
72	73	70	74	68	74	77	75	86	93	93	94	82.1
68	70	71	75	75	76	76	77	81	85	90	91	82.2
65	67	70	72	75	78	81	78	82	84.5	94	94	80.7
72	69	70	71	71	77	81	81	81	81	83	87	80.8
69	68	69	67	67	74	74	79	85	88	85	87	80.8
60	60	66	69	71	75	84.5	87	88	88	90	91	80
60	51	58	55	65	75	77	80	75	79	84	84	76.2
62	53	56.5	54.5	58	62	66	71	75	77	81	81	74.1
63	66	60	54.5	57	64	76	81	88	89	89.5	88	76.3
59	91	71.5	66	63	65	73	79	81	85	89.5	91	77.3
66	66	81	77	74.5	80	84	87	87	88	88	89	83.3
68	68	77	86	88	84	81	84	90	89	96	97	83.5
68	71	84	72	73	76	88	89	89	86	86	92	83.3
73	67	67	67	72	72	78	80	84	87	92	91	80.4
75	79	78	82	81	83	89	93	92	89	92	92	87.5
71	73	65	65.5	69	77	85	85	82	80	82	90	82.5
79	82	79	83	89	88	92	96	95	95	97	97	89.2
66	65	72	82	83	89	91	94	92	90	92	96	84.4
65	61	59	63	70	76	81	83	82	84	85	86	81
64	62	70	75	73	74.5	75	75	84	86	90	93	80
66	72	71	72	75	78	82	81	82	87	90	91	82.9
72	73	71	71.5	73	78	81	82	83	83	83	86	83.6
72	72	74	80	82	85	98	99	96	99	99	98	86
70	75	76	70	76	78	79	91	93	93	95	96	84.1
75	72	78	81	77	79	81	82	88	85	84	86	85
83	76	73	82	88	86.5	87	90	95	96	96	97	88.7
81	78.5	80	80	83	82	80	81	83	79	86	86	85.9
90	91	94	95	97	97	98	97	98	93	93	97.5	91.2
80	80	81	77	87	93	93	95	97	98	97.5	97	89.8
77	84	84	85	85	93	96	99	97	95	96	96	91.3
92	93	93	90	89	93	93	93	97	97	97	98	94.9
71.1	71.9	73.2	74	76	79.4	83.1	85.3	87.4	88	90.2	91.6	83.5

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
23.1	22.9	22.7	22.3	20.5	21.5	21.7	21.8	22.3	22.8	22.9	22.9	22.3
23	22.6	23.4	23.7	22.8	22.8	22.7	22.9	23.2	22.2	22.6	22.4	23
23.3	24.1	24.1	24.1	24.1	24.1	24.1	23.3	23.5	23.6	24.3	24.1	23.3
24.7	24.4	24.2	24	24	23.7	24	24	24	24.1	24.5	24.8	24.1
25	24	24.9	23.8	23.8	24.1	23.5	24.2	24.7	24.7	24.1	24.3	24.6
22.3	22.2	24	24.7	24	23.6	23.6	23.6	23.6	23.6	23.2	23.3	23.5
22.9	21.2	21	22	22.1	22.9	22.9	22.9	21.8	22.3	22.6	22.6	22.8
22.5	19.9	21.5	20.9	21.3	21	21.1	21.4	21.9	21.9	22.2	22.1	22.1
23.3	23.8	21.9	21.5	21.4	21.5	22.8	22.7	22.4	22.7	22.6	22.4	22.3
22.3	21.8	22.9	23.1	21.4	20.7	21.4	22	22.2	22.4	22.6	22.6	21.9
22.3	22.3	23	23.1	22.6	23.3	23.2	23.2	22.7	22.4	22.1	22	22.5
23	23.1	22.5	22.2	24.5	23.7	22.6	22.1	22.8	22.5	23	22.6	22.4
21.8	21.7	22.6	23.2	21.8	22	22.7	22.5	22.4	21.7	21.4	21.7	22
21.6	20.4	20.6	21	21.9	20.7	21	20.8	21.5	21.8	21.7	21.1	21.3
19.7	21.6	21.5	22.1	21.6	21.5	21.8	22	21.9	21.7	21.5	20.7	21.4
22.3	22.6	21.3	20.9	20.5	21.5	22.4	21.8	21.3	21	20.9	21.4	21.2
21.9	21.9	22.2	22.5	23.5	23	22.7	23.1	22.4	22.1	21.9	21.8	22.2
22.6	22.4	23.3	24.5	23.9	23	22.7	23.1	22.2	21.5	21.6	21.9	21.8
22.2	21.5	20.6	20.8	21.3	21.7	22.2	22	21.7	21.6	21.6	21.4	21.8
22.5	22.2	22.8	23.7	22.8	22.6	22.7	22.6	23	22.5	23.2	22.9	22.4
22.9	23.7	23.6	24	23.8	23.2	23.6	23.3	23.4	23.5	23.1	22.6	23.4
24.4	24.7	23.9	24.4	24.5	23.8	24.1	24.2	24.3	24.3	24.2	24.2	23.8
24.7	25.3	24.9	24.8	24.7	24.4	23.7	23.6	23.8	24.1	24.2	23.9	24.3
22.7	23.6	23.6	22.5	22.1	22.3	22.4	22.9	22.8	22.8	22.7	22.7	22.9
23.1	22.6	22.7	23	22.5	21.6	22.2	22.7	22.6	22.4	22.4	22.5	22.4
22.6	21.6	21.3	22.5	22.7	22.9	23.2	23.3	23.6	23.5	23.5	23.3	22.8
23.7	23.6	22.6	22.3	22	21.7	21.7	21.8	22.3	21.7	22	22.5	22.6
23.1	23.3	22.9	22.6	22.6	22.3	22.8	22.8	23	22.9	22.9	22.6	22.4
23.4	23	23.8	23.5	23.2	23.1	22.9	22.6	22.5	22.6	22.6	22.8	23.2
22.8	22.9	22.8	23.2	22.1	22.4	22.5	22.5	22.8	22.4	22.7	22.5	22.8
23	22.6	23	23.4	23.1	22.9	22.8	22.8	23.1	23	23.3	23.1	22.7
22.9	22.7	22.8	22.9	22.7	22.6	22.7	22.7	22.8	22.7	22.7	22.6	22.7

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.
2	Ci.-S.	S.-Cu.	Ci.-S.	Cu.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu. NW	Ci.-S.	S.-Cu.
3	Ci.-S.	Cu.	A.-Cu.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
4	Ci.	Cu.	Ci.	Cu. E		Cu. E		Cu. E		Cu.
5		N.-cf. WbyS		N.-cf. WSW		Cu.	A.-Cu.	Cu.	Ci.-Cu.	Cu.
6	Ci.	Cu.		Cu.		Cu.		Cu.	Ci.	Cu.
7	Ci.	Cu.		Cu. E	A.-Cu.	Cu. E	Ci.	Cu. E		Cu.
8	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.-N. E		Cu.-N.
9	A.-Cu. SE	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.-S.	Cu. E	A.-Cu. SE	Cu. E
10	Ci.-S.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.
11		Cu.-N. E		Cu.-N. E		Cu.-N. E	Ci.-S.	Cu.-N.	Ci.-S.	Cu. E
12	Ci.	S.-Cu.	Ci.-S.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
13	Ci. SSE	S.-Cu.	Ci. SE	Cu.	Ci.	Cu. EbyS	Ci.	Cu. EbyS	Ci.	Cu. E
14	Ci.	Cu.	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu.-N. E	Ci.	Cu.
15	Ci.-S.	S.-Cu. E		N.-cf. E		N.		Cu.-N. E		N.
16	Ci.-S.	S.-Cu. EbyS	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	Cu.-N. E	Ci.-S.	Cu. E
17	Ci.-S.	S.-Cu. E	Ci.-S.	Cu. E	Ci.-Cu.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu.-N.
18	Ci.-S. E	Cu.	Ci.-S. E	Cu.	Ci.-S. E	Cu.	Ci.-S. E	Cu.	Ci.-S.	Cu.
19	Ci.	Cu.		Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.
20	Ci. N	Cu. E	Ci.	Cu.-N. E	Ci.	Cu.-N. E	Ci.	Cu.-N. E	Ci.	Cu. E
21	A.-Cu. E	Cu.		Cu. E		Cu. ESE	Ci.	Cu.	Ci.	Cu.
22	Ci.	Cu.-N. WSW	Ci.	Fr.-N. W	Ci.	Cu.-N. WSW	Ci.	Cu. SWbyW	Ci.-Cu. WNW	Cu.
23	Ci.	Cu. NW	Ci. E	Cu.	Ci.-Cu. E	Cu. ENE	Ci.	Cu. ENE	Ci.-Cu. E	Cu. SW
24	A.-Cu. WNW	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu. W	Ci.-S.	Cu.	A.-Cu.	Cu.
25	A.-Cu.	Cu.-N.		Fr.-N. SW	Ci.-S.	Cu.-N. SW	Ci.-S.	N.-cf. SW	Ci.-S.	Cu.
26		Cu.-N. SWbyW		Cu.-N. SW		N. SW		Cu.-N. SWbyW		Cu.-N.
27	Ci.-S.	Cu.-N. SW	Ci.-S.	Cu. SW	A.-Cu. WbyS	Cu. SW	Ci.-S.	N. SW	Ci.-S.	Cu. SW
28		N. W		N. WbyN		Cu.-N. WbyN		N.		N. W
29	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW	Ci.-S.	N.-cf. SWbyW	Ci.-S.	Cu. WSW	Ci.-S.	N.-cf. WSW
30		N. SWbyW		Cu.-N. WSW		Cu.-N. SW		Cu.-N. SW		Cu.-N. WSW
31	Ci.-S.	Fr.-N. SW	Ci.-S.	Fr.-N. SW		N. SW	Ci.-S.	Fr.-N.		Fr.-N. SW

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu. SW	Ci.-S.	Cu. SW	Ci.-S.	Cu.-N. SW	Ci.-S.	Cu.-N.
2	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
3	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
4		Cu.		Cu.		Cu.		Cu.		Cu.
5	Ci.-S.	Cu.	Ci.-S.	Cu.		Cu.		Cu.	Ci.-S.	Cu.
6	Ci.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.		N.-cf.
7		Cu. E		Cu. E		Cu.-N. E		Cu.-N. E	Ci.	Cu.-N. E
8	Ci.-S.	Cu.-N.	Ci.-S.	Cu. E	Ci.	Cu. E		Cu. E		Cu.
9	A.-Cu.	Cu.		Cu. E		N.-cf. E	Ci.-S.	Cu.-N. E		Cu.
10	Ci.-S.	Cu. E		Cu.-N. ENE		Cu.	Ci.-S.	Cu.	Ci.	Cu.
11	Ci.-S.	Cu.	Ci.-S.	Cu.-N. E		Cu.-N. E	Ci.-S.	Cu. E	Ci.-S.	S.-Cu.
12	Ci.-S.	Cu.		Cu. E		Cu.-N. E		Cu.-N. E	Ci.-S.	Cu. E
13	Ci.-S.	Cu.-N. E		Cu.-N. E	Ci.	Cu. ENE	Ci.	Cu. E	Ci.-S.	Cu. E
14		Cu.-N. E		Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E		Cu.-N. E
15		N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.
16	Ci.-S.	Cu.	Ci.-S.	Cu.-N. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.
17	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	N.-cf.	Ci.-S.	N.-cf.
18	Ci.-Cu.	Cu.		Cu.-N. E		Cu.-N.		Cu.-N.		Cu.-N.
19	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.-N. E	Ci.	Cu.-N. E
20	Ci.	Cu.	Ci.	Cu. E		Cu. E	Ci.	Cu. E	Ci.	Cu.
21	Ci.-S. SE	Cu.-N. S	Ci.-S. SE	Cu.-N. SbyE	Ci.-S.	Cu.-N.	Ci.	Cu. W	Ci.	Cu. W
22	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.
23	Ci. ENE	Cu. SW	Ci. NE	Cu. SW	Ci.	Cu.-N. SW	Ci.-S.	Cu.-N. SW		Cu.-N. W
24	Ci. N	Cu. W	Ci.-Cu.	Cu. W	Ci. NNE	Cu. W	Ci.	Cu.	Ci. NE	Cu. W
25	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	N.-cf. SW	Ci.-S.	N.-cf. SW	Ci.-S.	Cu. SW
26		Cu.-N. SWbyW		Cu.-N. W	A.-Cu.	Cu.-N. W		Cu.-N. WSW	A.-Cu.	Cu.-N. WSW
27		Cu.-N. SW		Cu.-N. SW		Cu.-N. SW	Ci.-S.	Cu.-N. SW		Cu.-N. SWbyW
28	Ci.-S.	Fr.-N. W	Ci.-S.	Cu.-N. WSW	Ci.-S.	N. WSW		N. WSW		N.
29	Ci.	N.-cf. WSW		N.-cf. WSW	Ci.	Cu. WSW	Ci.-S.	N.-cf. WSW	Ci.-S.	Cu.-N. WSW
30		Cu.-N. SW		Cu.-N. SW		Cu.-N. SW		Cu.-N. SW		Cu.-N. SW
31		N. SW		Fr.-N. SW		Fr.-N. SW		Fr.-N. SW		N.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	NW 1.5	NW 2.5	NNE 1	NE 1.5	NE 1.5	NNE 0.5	Calm	Calm	Calm	Calm	WSW 2	W 2
2	NE 1	E 1.5	E 1	E 1.5	E 1.5	ESE 1	Calm	ESE 2	SSE 1.5	SSE 2.5	SSW 3	WSW 6
3	NNE 1	E 1.5	E 1.5	Calm	E .5	Calm	Calm	Calm	SSE 1	WSW 2	WSW 6	WSW 7.5
4	S 1.5	SW 2	S .5	Calm	S 1	SbyW .5	S 1	S 1	SSW 2	WSW 3	WSW 3	WSW 6.5
5	WSW 1	ESE .5	SE 1	SE 1	SE 1.5	Calm	Calm	Calm	WNW 1.5	W 3	WSW 4	WSW 5
6	NE .5	Calm	Calm	NE .5	NE .5	NE 1	Calm	Calm	WNW 2	W 3	W 3	W 5.5
7	Calm	NNW 1.5	N .5	Calm	NNE .5	NE .5	NE .5	SSE 2	SE 3	SE 5	SEbyS 3.5	SE 3
8	SE 3	ESE 2	ESE 1.5	ESE 1.5	ENE 1.5	NE .5	NE 1.5	Calm	W 2	W 2.5	WNW 3.5	WNW 5
9	NNE .5	Calm	Calm	NNE .5	NNW 2	NNE .5	NE .5	Calm	SW 3	WSW 1.5	WNW 4.5	WNW 2
10	N 1.5	N 1.5	N 1.5	N 1.5	NNE 1.5	NNE .5	NNE .5	NNE 1.5	NNW 2	WSW 1	WSW 5	WSW 5
11	ESE 2	ESE 1	ESE 1.5	ENE 1.5	NNE 1.5	Calm	NE .5	Calm	Calm	Calm	WNW 2.5	WNW 3.5
12	Calm	NNE 2	NNE 1.5	NNE 1	NNE 1	NNE 1.5	Calm	NNE 1	Calm	N 2	W 1.5	W 2.5
13	Calm	ESE 1	Calm	Calm	ESE 1	Calm	Calm	SW .5	SW 2	WSW 2	W 3.5	WNW 4.5
14	Calm	NE 1	E 1.5	NNE .5	N 1	NE 1.5	NNE 1	NNE .5	W 2	W 2.5	WSW 1.5	SE 3
15	N .5	Calm	N 1.5	NNE 1	Calm	Calm	NE .5	WNW 1	NW 2.5	NNE 4	NbyE 4.5	NE 2
16	NNE 2	Calm	NW .5	NW 1	Calm	Calm	Calm	N 1	NW 2.5	NW 2	WNW 3	WNW 1.5
17	ESE 1.5	ESE 1	NNE 1.5	Calm	Calm	Calm	Calm	Calm	E 1	NE .5	NW 2	NW 3.5
18	E .5	Calm	E 1	Calm	E 1.5	Calm	Calm	NNE .5	NE .5	WNW 3.5	WSW .5	WSW 3.5
19	Calm	Calm	Calm	NE .5	NE 1.5	NNE 1	NE 1	E .5	SSE 1.5	SSW 3	WSW 2	WNW 2.5
20	ESE 1	Calm	ESE 1.5	ENE 1	ENE 1.5	Calm	NE 1	Calm	SW 1.5	WSW 2.5	SW 2	W 3
21	Calm	Calm	Calm	Calm	Calm	NNE .5	Calm	NE .5	SSW .5	WSW 1	W 2	W 3
22	SSE 1	Calm	SSE 1	NNE 1.5	Calm	Calm	Calm	SW 2	SW 5	SW 6	SW 5	SW 7
23	SW 3.5	W 4	WNW 1.5	SSW 2.5	NNE .5	NNE 1	NE 1	NW 2	WNW 3	WNW 3	WSW 4	SW 5
24	SW 6.5	W 4	Calm	WSW 1.5	WSW 5.5	SSE 1	N 1	NW 1.5	NW 5.5	WNW 5.5	W 4	WSW 5
25	E 1.5	W 2	Calm	NE .5	W 3	SSE 1	SSE 1	Calm	S 4	S 3.5	SSW 3.5	SSW 3
26	S 1	S 1.5	S 1.5	SE .5	SE .5	NNW .5	Calm	SW 6	SW 7.5	SSW 2.5	S 4	SW 7
27	SSE 4.5	SSE 5.5	WSW 4.5	SSW 1.5	Calm	SE 2	ESE 2	ESE 4	SSE 2	S 3	SW 4.5	SSW 5.5
28	WSW 6.5	WSW 6.5	SW 4	SW 5.5	W 5.5	W 3	WbyN 5	WNW 6.5	NbyW 4	N 4	WNW 3	WSW .5
29	ESE 1	Calm	Calm	SSW 2.5	SSW 5	W .5	Calm	NE .5	SSE 2.5	SSE 3	WSW 6	SSW 3.5
30	ESE 1.5	ESE 2	SSE 5.5	SSE 2	Calm	Calm	SSW 1.5	Calm	SSW 4.5	SSE 4.5	SSE 3	SSE 3
31	SSE 1.5	ESE 1.5	ESE 1.5	ESE 1.5	ESE 2.5	SE .5	Calm	Calm	SE .5	SE 2.5	SSE 1	S 3.5
Mean	1.5	1.5	1.2	1.1	1.4	0.6	0.6	1.1	2.3	2.7	3.2	4

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WbyS 3.5	NNW 3	WNW 4.5	WSW 5.5	W 5	W 3.5	WSW 2.5	W 3	N 3	NW 0.5	Calm	NE 1	2
2	WSW 3	WSW 7	WSW 7	WSW 5	WbyS 6.5	WSW 4	WSW 5	W 2.5	NNW 3	NNE 2	NNE 0.5	Calm	2.8
3	WSW 6.5	WSW 7.5	WSW 6	WSW 6	WSW 6	WSW 5	WSW 5.5	WSW 5.5	SSW 2	SSW 1.5	Calm	S 1	3.1
4	WSW 6	WSW 7.5	WSW 9.5	WSW 6	WSW 8.5	SW 6	WSW 6.5	WSW 5.5	WSW 4.5	WSW 4	WSW 3.5	SSW 2	3.8
5	WSW 7	WSW 10	SW 9.5	WSW 7.5	W 3.5	SW 3.5	WSW 4.5	WSW 3	WSW 1	Calm	NW 1.5	NW .5	2.9
6	WbyN 5	WSW 6	WSW 7	SW 5.5	SSW 5	SSE 3	E 1	ESE 1.5	ESE 1.5	E 1.5	E 1.5	ENE 1.5	2.3
7	SE 3.5	SSE 8.5	NW 5.5	N 8.5	NNW 2	NW 1.5	Calm	Calm	ESE 1.5	Calm	ESE .5	ESE 1.5	2
8	WNW 4.5	ESE 2	SSE 6	SSE 7	SSE 6	SSE 6	SE 4.5	SE 3	SE 3	SE 1.5	E 1.5	NNE 1.5	3
9	WSW 4	WSW 3.5	SE 5	SE 4.5	SE 5	ESE 2.5	Calm	Calm	SE 3	SE 2	NNE 1	N 1.5	2
10	W 3	NE 4	Calm	E 1.5	ESE 1	ESE 2.5	ESE 2.5	ESE 2	ESE 1.5	Calm	ESE .5	ESE 1	1.8
11	WSW 3	W 3.5	WNW 2.5	Calm	NNW .5	Calm	Calm	NNW 1	N 1	E 1	E 1.5	Calm	1.2
12	WNW 3	WNW 1.5	WNW 4.5	NNW 4	ENE 4	ESE 2	ESE 2	NE 1	SE 1	N 1.5	ESE 1	ESE 1.5	1.7
13	W 1	ESE 2	NW .5	SSE 3.5	SE 4	NNW 2	Calm	NE .5	Calm	NE 2	NE 1.5	NE 1	1.4
14	E 2.5	E 2	NNE 2.5	Calm	N 2.5	NE 2.5	NE 2	E 1.5	E 1.5	E 1	NNW 1	N 1	1.5
15	NNE 1.5	Calm	NNW 1.5	NNW 2.5	N 1	NNW 3	Calm	Calm	N 1	NE 4	NNE 2.5	NE 3	1.6
16	W 2	W 1	ENE 3	ENE 2	E 3.5	ESE 1.5	Calm	Calm	NNW 2.5	NNE 3.5	NNE 3	E 1.5	1.5
17	SE 2	ESE 3	ESE 1.5	ESE 1.5	E .5	ESE .5	Calm	E 1	E 1	Calm	E 1	Calm	1
18	SW 3	SW 1	WSW .5	SE .5	NE 1	NE 1	Calm	Calm	N 3	N 1.5	NNW 1.5	N .5	1
19	W 2.5	W 1.5	W 3	W 1	Calm	Calm	Calm	Calm	ESE 2	ESE 2.5	ESE 3	ESE 1	1.2
20	W 5	WSW 3.5	SW 3.5	SW 2	SW 4	SW 3	SW 3	SW 2.5	NNE 1	NNE 2	Calm	Calm	1.9
21	WSW 4	SW 5.5	SSW 5	SW 6	SW 6	SW 6.5	SW 6	SW 5	SSW 2.5	Calm	Calm	Calm	2.2
22	SW 5.5	SW 6	SW 6	SW 5.5	SW 5	SW 5.5	SW 5	SW 5	SW 5.5	SW 5	SW 4	WNW 2.5	3.7
23	SW 5.5	SW 6	SW 8.5	SW 6	SW 6	SW 6.5	Calm	Calm	NNW 2.5	NE 1.5	SE .5	SSE 1	3.1
24	WSW 3.5	SW 4	SW 6	SW 5.5	SW 4.5	WSW 4.5	WSW 4	NE 1.5	N 1.5	NE .5	NE 1	Calm	3.2
25	SSW 2	SSW 4.5	SSW 5.5	S 4	SbyW 3	SWbyS 3.5	SSW 5	SSW 5.5	S 1.5	SSW 2.5	SSW 3.5	SSW 3	2.8
26	SW 8	W 5.5	W 9	swbyw 4.5	SW 6	SW 4.5	SW 2.5	NW 2	Calm	Calm	Calm	S 2.5	3.2
27	SW 7	SW 10	SW 10	swbyw 3	W 5.5	WSW 7.5	WSW 5.5	SW 6.5	SW 6.5	WSW 6.5	W 5.5	WSW 4.5	4.9
28	SW .5	SSE 3.5	SW 6	W 6.5	S 6.5	SSW 2.5	SSW 5.5	SSW 5.5	SSE 3	SSW 2.5	SSE 2.5	ESE 1.5	4.2
29	SSW 6	S 4	SSW 1.5	SbyE 2	SSW 4	SbyE 1	SSE 2.5	SSE 3	ESE 2	ESE 1.5	ESE 1.5	ESE .5	2.2
30	SSW 4	S 4.5	SbyW 3.5	S 2	SSW 5.5	SSE 2	SSE 1	Calm	ESE 2.5	ESE 3.5	E 2	ESE 2.5	2.5
31	S 2	SSE 3.5	S 5	SSW 1	Calm	SSE 2	SSE .5	SE 2.5	Calm	SE 2	ESE 1.5	Calm	1.5
Mean	3.9	4.4	4.8	3.7	3.9	3.2	2.5	2.3	2.1	1.9	1.6	1.3	2.4

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	2.5	20.5	6.5	3	1.5	0.5	0.5	0	1	1	4	7
2	1	1	0	0	1	1.5	.5	1	3	9	12	15.5
3	.5	1	2	.5	0	0	.5	.5	.5	2.5	16	17.5
4	6	5	2	2	4	3	1	4	6	7	24.5	22.5
5	5	2	1.5	1.5	2	2.5	1.5	1.5	6	11	14.5	17
6	1.5	0	0	2	1	.5	.5	1.5	8	10	15	15
7	2	3.5	2	.5	1.5	1	1.5	4	4	7	14.5	8.5
8	6.5	9	3.5	3	2.5	4.5	2.5	1.5	3	8	9.5	10.5
9	3	1.5	1.5	1	3.5	1.5	3	.5	1.5	9.5	17	11
10	5	6	3	2	4	4	4	4.5	5	9	14.5	16
11	3	3.5	1.5	5	6	3.5	1	0	0	2.5	7	10
12	1	2.5	4.5	1.5	1	2.5	.5	1.5	2	4	11.5	9
13	.5	0	0	0	.5	1.5	1.5	.5	4	7.5	12	13
14	0	.5	.5	1.5	.5	4.5	4	1.5	1.5	7	6.5	7.5
15	1	2	3	3	2.5	.5	1	1	8	11	12	11.5
16	8	0	.5	1	.5	0	.5	2	3	2.5	7.5	10.5
17	1	2.5	2	0	.5	1	1	.5	1.5	2.5	5.5	10
18	2	0	1	2	3	1	1	3.5	2.5	5	10	10
19	0	0	0	0	1.5	4	2	.5	3.5	7.5	12	11
20	4	2.5	4	4	4	4	3	1	4	7.5	9.5	13
21	0	0	0	.5	0	0	.5	0	0	6.5	13.5	14.5
22	2.5	.5	2.5	3.5	2	6	2.5	5	11	5.5	21	18
23	15	9	9.5	8	6.5	.5	2	3.5	13	11	11	15
24	9	24	4.5	4	4.5	15	7	5	9	15	23	17
25	1	8	4.5	2	5.5	3	3	3.5	8.5	8	13	9
26	9.5	3.5	4	5	3.5	2	0	6.5	31	17	15	24
27	11.5	15	21	8.5	6	4	6.5	7.5	10	13	18	25.5
28	19	30	20	23.5	19.5	17	14	24	18	10.5	5	3
29	3.5	2.5	1.5	8	13.5	16.5	4.5	.5	5.5	12	19.5	18
30	3.5	4	8	14.5	3.5	2.5	1.5	5	6.5	11	15.5	14.5
31	6.5	10.5	6.5	5.5	6	8.5	5.5	3.5	3	6.5	9	11
Mean	4.3	5.5	3.9	3.8	3.6	3.8	2.5	3.1	5.9	8	12.9	13.4

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	9	9	10	9	9	10	10	10	10	10	10	10	9.7	1	00
2	10	10	10	10	10	9	9	10	10	9	9	10	9.7	2	10
3	1	2	2	2	2	2	4	6	7	5	4	2	3.2	8	30
4	4	3	5	3	5	4	3	3	3	3	2	2	3.3	10	00
5	4	6	6	4	4	3	2	2	2	2	2	2	3.2	9	05
6	2	3	2	2	3	3	4	6	6	5	7	10	4.4	8	40
7	1	1	3	7	4	4	6	6	8	8	9	5	5.2	7	50
8	8	8	8	9	9	8	7	8	5	4	4	2	6.7	8	10
9	2	4	5	5	8	8	7	8	8	6	4	8	6.1	8	05
10	6	8	7	8	9	9	8	10	8	8	9	9	8.2	4	15
11	10	10	10	10	9	8	8	8	10	10	10	10	9.4	3	00
12	8	8	9	9	8	9	7	8	10	10	10	10	8.8	4	15
13	6	8	8	7	7	6	7	9	8	5	8	10	7.4	5	40
14	10	4	5	8	8	8	10	9	10	9	10	9	8.3	1	40
15	10	9	10	10	10	10	10	9	10	9	9	9	9.6	0	00
16	9	10	10	10	10	9	8	10	10	10	10	10	9.7	0	00
17	9	10	9	9	9	9	9	9	10	10	9	10	9.3	0	00
18	4	4	4	5	7	7	6	7	9	9	10	10	6.8	5	40
19	2	1	2	2	5	3	4	5	7	8	7	7	4.4	8	00
20	7	7	7	8	9	7	4	4	6	7	8	7	6.8	7	15
21	7	7	4	3	3	3	9	9	8	8	8	9	6.5	7	35
22	10	9	10	8	8	7	5	5	4	3	4	7	6.7	8	15
23	7	7	6	5	8	8	9	8	8	9	10	10	7.9	7	30
24	9	7	9	9	9	8	4	6	5	4	5	8	6.9	6	45
25	9	9	10	9	10	9	7	8	10	9	7	10	8.9	2	45
26	7	10	10	10	10	10	10	10	10	10	8	10	9.6	1	25
27	10	10	6	9	10	10	10	10	10	10	10	10	9.6	1	55
28	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
29	10	10	9	10	8	10	9	10	9	10	10	10	9.6	2	00
30	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
31	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
Total														141	25
Mean	7.1	7.2	7.3	7.4	7.8	7.5	7.3	7.8	8.1	7.7	7.8	8.3	7.6	4	34

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
9	12	11	**25**	23	18	14	15	14	6	1	1	8.2
24.5	25	**29**	24	21	20	19	14	10	10	2.5	0	10.2
22	**28**	25	25	22	24	21	18	16	6	2	2	10.5
26	24.5	**33.5**	29.5	29.5	29	22.5	26	18.5	12	13.5	8.5	15
25	**30**	**30**	**30**	20	19	15.5	15	3	.5	4	3	10.9
18	18	**25**	23	19	12	6	7	4.5	2.5	5	5	8.3
14	16.5	**18.5**	13	10	6.5	.5	1	1	1.5	0	1.5	5.6
11.5	13	18.5	19.5	**22.5**	18.5	14.5	13	13	11.5	6.5	6.5	9.7
10	10	18	**19**	18	16.5	.5	0	4.5	5.5	3	4	6.8
14.5	**18.5**	6	1	12	10	8.5	4	5	2.5	.5	.5	6.7
10.5	**15**	11.5	3.5	1	.5	0	0	.5	1	2	.5	3.7
13	8	**17**	10	2.5	11.5	7.5	4.5	1.5	3	0	.5	5
11.5	6.5	7	3	**15**	11	0	0	0	2	2	.5	4.1
14	7	13	4.5	4.5	4.5	10	4.5	4	4	1	1	4.5
8.5	4	4	6	4.5	5	.5	0	.5	10	10	10.5	5
5	4	7.5	10.5	**12.5**	6.5	.5	.5	5.5	12	10.5	2	4.7
7	**11**	10	5	4	4	1	3	3	1	1	1	**3.3**
11	**14**	6	1	4	9	5	1	8	10	2	1	4.7
14.5	10.5	13	8.5	1	1.5	3	.5	6	7	8	4.5	5
15.5	15	15	14.5	14.5	**16.5**	15.5	11	5	3.5	.5	0	7.8
16.5	20.5	21	19.5	**22**	20	21	20	15.5	4	3.5	1.5	9.2
18	27	**28**	24	23	18	19	21	22	19	19	8	13.6
19	25	30	**31**	**31**	25	14	0	8	7	4	1	12.5
18	24	24	**25**	22	18	17.5	5.5	2.5	1.5	.5	.5	12.3
12	16	18.5	16.5	10	12	17	**20**	11	8.5	12	13	9.8
28	26.5	30.5	24	24.5	18	13.5	8.5	1.5	1	.5	4.5	12.6
36.5	34	35	17	13.5	21.5	24.5	20.5	22	30	23	18	**18.4**
7	8	20.5	27.5	11.5	18	19	19	13.5	12.5	7.5	5.5	15.5
13.5	19	12	13.5	13.5	14	7.5	10.5	9.5	5.5	3.5	3	9.6
14.5	**19**	16	9.5	12.5	14.5	6.5	3	4	10	8.5	10.5	9.1
10.5	**16.5**	15	9.5	5.5	14	10	8	4	6.5	3.5	2	7.8
15.4	17	**18.4**	15.9	14.5	14.1	10.8	8.8	7.6	7	5.2	3.9	8.7

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	1	2	3	------	------	------	------	------	------	------	------	3	5	1	3	1	5	197	3	7.9
2	------	2	1	------	4	2	------	2	------	1	------	7	2	------	------	1	2	244.5	4.2	------
3	------	1	------	------	3	------	------	1	1	2	------	11	------	------	------	------	5	252.5	4.9	------
4	------	------	------	------	------	------	------	------	5	3	2	13	------	------	------	------	1	360	4.9	------
5	------	------	------	------	------	1	3	------	------	------	2	9	2	1	2	------	4	261	4.4	------
6	------	------	4	1	3	2	------	1	------	1	1	2	3	2	------	------	4	200	4.8	------
7	2	1	2	------	------	3	4	3	------	------	------	------	------	------	2	2	5	134	5.2	------
8	------	1	2	1	1	4	5	4	------	------	------	------	2	3	------	------	1	232.5	5.7	------
9	1	4	1	------	------	1	5	------	------	------	1	3	------	2	------	1	5	163.5	4.5	.8
10	4	4	1	------	1	7	------	------	------	------	------	3	1	------	------	1	2	160	3.1	13.3
11	1	1	1	1	2	3	------	------	------	------	------	1	1	3	------	2	8	89	2.5	1.5
12	2	6	1	1	------	4	1	------	------	------	------	------	2	3	------	1	3	120.5	2.5	2.8
13	------	------	4	------	------	3	1	1	------	------	2	1	2	1	1	1	7	99.5	2.3	1.7
14	3	4	4	------	6	------	1	------	------	------	------	1	2	------	------	1	2	107.5	3.3	------
15	4	5	4	------	------	------	------	------	------	------	------	------	------	1	1	3	6	120	.7	8.9
16	1	3	------	2	2	1	------	------	------	------	------	------	2	2	4	1	6	113	2.8	.5
17	------	1	1	------	5	6	1	------	------	------	------	------	------	------	2	------	8	79	1	------
18	3	1	3	------	3	------	1	------	------	------	2	3	------	1	------	1	6	113	2.5	2.3
19	------	1	3	------	1	4	------	1	------	1	------	1	4	1	------	------	7	120	4	------
20	------	2	1	2	------	2	------	------	------	------	8	2	2	------	------	------	5	187	4	------
21	------	1	1	------	------	------	------	------	------	3	6	2	2	------	------	------	9	220.5	3.8	12.7
22	------	1	------	------	------	------	------	2	------	------	16	------	------	1	------	------	4	326	4	12.5
23	------	2	2	------	------	------	1	1	------	1	8	1	1	3	1	1	2	299	2.9	31.1
24	2	------	3	------	------	------	------	1	------	------	5	6	2	1	2	------	2	296	3.4	7.4
25	------	------	1	------	1	------	------	2	4	11	1	------	2	------	------	------	2	236	3.4	.3
26	------	------	------	------	------	------	2	------	5	1	7	1	2	------	1	1	4	302	.7	11.5
27	------	------	------	------	------	2	1	3	1	2	6	6	2	------	------	------	1	442	3	3.3
28	2	------	------	------	------	1	------	3	1	4	4	3	3	3	------	------	------	373	0	80
29	------	------	1	------	------	5	------	4	3	6	------	1	1	------	------	------	3	230.5	1.5	7.6
30	------	------	------	------	1	5	------	7	2	5	------	------	------	------	------	------	4	218.5	.4	48.9
31	------	------	------	------	------	5	5	5	3	1	------	------	------	------	------	------	5	187	0	21.3
Total	26	43	44	8	33	61	31	41	25	42	71	80	45	29	19	18	128	6,484	93.4	276.3
Mean	0.8	1.4	1.4	0.3	1.1	2	1	1.3	0.8	1.4	2.3	2.6	1.5	0.9	0.6	0.6	4.1	209.2	3	8.9

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	759. 55	8. 35a.	32	0. 20p.	97	23. 2	756. 72	4. 00p.	24. 4	4. 55a.	68	20. 5
2	57. 55	8. 30a.	32. 8	11. 10a.	98	23. 7	56. 11	4. 00p.	25	5. 15a.	68	22. 2
3	57. 75	10. 20p.	33. 3	1. 15p.	97. 5	24. 3	55. 25	3. 55p.	24. 6	5. 15a.	65	22. 4
4	59. 10	10. 25p.	32. 9	1. 50p.	**99**	24. 8	56. 51	4. 00p.	25. 2	5. 00a.	69	23. 3
5	59. 25	9. 30a.	33. 3	0. 45p.	96	**26**	57. 05	4. 50p.	**26. 2**	5. 10a.	67	**23. 5**
6	59. 70	10. 05p.	33. 9	1. 10p.	96	24. 7	56. 55	3. 45p.	25. 5	5. 35a.	60	22. 2
7	60. 30	7. 35a.	**36. 3**	2. 20p.	93	24. 4	56. 75	2. 55p.	25. 5	5. 45a.	**51**	21
8	60. 85	10. 55p.	35. 5	1. 50p.	**92**	23. 6	57. 80	4. 15p.	25. 7	5. 40a	53	19. 9
9	**61. 25**	10. 00p.	34. 7	4. 40p.	92. 5	23. 8	58. 05	4. 10p.	25. 2	4. 00a.	54. 5	21. 4
10	61. 15	9. 10a.	34. 4	1. 05p.	94	23. 1	**58. 45**	3. 35p.	24. 6	5. 35a.	59	20. 7
11	60. 30	10. 45a.	32. 5	1. 45p.	95	23. 3	58. 35	2. 30p.	24. 7	6. 20a.	64	21. 6
12	60	10. 15p.	33. 2	1. 45p.	97	24. 5	57. 05	1. 55p.	24. 4	5. 40a.	68	21. 2
13	58. 95	8. 40a.	32. 5	0. 35p.	**99**	23. 2	56. 10	4. 20p.	23. 6	4. 25a.	67	21. 3
14	58. 25	8. 15a.	32. 1	0. 05p.	94	22. 6	56. 65	3. 35p.	24. 3	4. 20a.	65	20. 4
15	59. 70	10. 20p.	29. 6	8. 45a.	96	**22. 1**	56. 93	4. 00p.	24	4. 05a.	74	**19. 7**
16	59. 30	10. 05a.	31. 9	2. 50p.	98	22. 6	57. 43	4. 00p.	**22. 1**	5. 10a.	65	19. 9
17	59. 05	0. 05a.	30. 5	11. 55a.	**99**	23. 5	56. 85	4. 05p.	23. 6	5. 50a.	72. 5	21. 5
18	58. 50	0. 05a.	32. 8	1. 05p.	**99**	24. 5	55. 40	3. 30p.	22. 6	5. 55a.	64	19. 9
19	57. 30	9. 30a.	33. 1	2. 10p.	**99**	24	54. 55	4. 10p.	23. 2	5. 30a.	59	20. 6
20	57. 40	8. 20p.	33. 7	2. 20p.	94	23. 7	54. 81	3. 00p.	24. 2	5. 45a.	62	21
21	59. 50	10. 35p.	33. 1	1. 40p.	98	24. 6	55. 45	2. 40a.	24. 6	4. 15a.	66	22. 6
22	59. 80	10. 00p.	32. 5	0. 25p.	96	24. 7	57. 25	3. 15p.	24. 6	5. 45a.	71	22. 2
23	59. 30	8. 35a.	32. 8	11. 45a.	**99**	25. 3	56. 35	4. 35p.	24. 7	7. 45p.	72	23. 2
24	58. 55	0. 05a.	31. 9	1. 25p.	98	23. 9	54. 70	4. 40p.	24. 4	0. 40a.	70	22. 1
25	56. 30	8. 45a.	31. 6	2. 15p.	98	23. 1	53. 80	4. 45p.	24. 1	5. 00a.	72	21. 6
26	58. 85	0. 05a.	30. 1	3. 30p.	98	24	54	3. 20p.	24. 8	5. 30a.	73	21. 3
27	55. 05	0. 05a.	30. 4	0. 25p.	97	23. 7	52. 60	3. 15p.	24. 1	5. 55a.	78	21. 7
28	54. 20	0. 05a.	27. 7	1. 35p.	98	23. 3	52. 05	5. 05p.	24. 3	5. 40p.	83	21. 3
29	**52. 55**	0. 05a.	31	11. 40a.	**99**	24. 3	**49. 80**	3. 50p.	24. 2	2. 10a.	77	22. 5
30	54. 30	10. 20p.	30. 5	11. 55a.	**99**	24. 2	50. 95	4. 00a.	24. 2	5. 30a.	75	22. 1
31	56	10. 55p.	**27. 3**	4. 20p.	98	23. 4	52. 80	3. 15a.	23. 8	3. 35a.	**89**	21. 7
Mean	758. 37	--------	32. 3	--------	96. 9	23. 9	755. 58	--------	24. 4	--------	67. 8	21. 5

DAILY GENERAL REMARKS.

1----d in the early morning; ○ at noon; ●, ☈ E at night.
2----Intense coloration of clouds at sunrise; veil of Ci.-S. in the morning; somewhat gusty WSW winds during the afternoon.
3----Coloration of upper clouds at sunrise; ⊕ in the morning; somewhat gusty WSW winds in the forenoon and afternoon.
4----⊕ in the afternoon; somewhat gusty WSW winds in the afternoon.
5----d° 7.30 a. m.; somewhat gusty SWly winds in the afternoon.
6----☈° NE quadrant, ⌒ in the afternoon; ↯ NE quadrant in the evening.
7----☈° N quadrant 3.30 p. m.
8----☈° N quadrant at noon.
9----d° 11.15 a. m.; ↯ W and SE, d in the evening.
10----☈° N, ● in the afternoon.
11----≡°, ●° in the morning; ☈ NW quadrant, d in the afternoon.
12----☈ NW quadrant, ●° in the afternoon.
13----●° in the afternoon.
14----d° 10.55 a. m. and 12.40 p. m.; ☈° N quadrant in the afternoon.
15----●, ⊤ N in the morning; ●° at night.
16----Overcast.
17----d in the morning; ⊤ S, d° in the afternoon.
18----○ in the morning; ☈ E quadrant in the afternoon; ●° in the evening.
19----Coloration of clouds at sunset.
20----☈ E in the afternoon and evening.
21----○, ☈ S in the afternoon.
22----● in the morning; intense coloration of clouds at sunset.
23----d early in the morning; slight convergence of Cirrus toward N in the morning; ☈^{2} NE quadrant in the afternoon; ● at night.
24----● in the early morning and at night; convergence of Cirrus toward NNE in the evening.
25----● early in the morning; d in the morning.
26----Somewhat gusty SWly winds with some ● in the morning and afternoon.
27----Somewhat gusty SWly winds at intervals with some d and ●.
28----Rainy weather, especially in the evening.
29----● in the early morning; ●° in the evening.
30----Frequent ●, especially at night.
31----Rainy weather.

OBSERVATIONS FOR AUGUST, 1915.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	55.40	54.85	**54.75**	**54.75**	54.95	55.23	55.95	56.09	56.30	56.20	56.29	55.77
2	57.30	57.15	56.95	56.70	56.60	56.94	57.09	57.14	57.12	57.01	56.64	56.39
3	57.50	56.95	56.80	56.75	56.80	57	57.60	57.48	57.52	57.24	57.12	56.85
4	57.05	56.90	56.55	56.50	56.45	56.58	56.73	57.14	56.91	56.87	56.77	56.46
5	56.50	56.25	56.15	**55.95**	56.30	56.64	57	57.54	57.54	57.53	57.04	56.94
6	58.30	57.50	57.55	57.55	57.35	57.66	57.91	58	58.20	58	57.99	57.72
7	58.15	57.95	57.90	57.90	57.85	58.35	58.50	58.89	**58.97**	58.89	58.84	58.43
8	**58.05**	57.50	57.10	56.75	56.65	56.92	57.13	57.14	57.29	57.39	57.03	56.57
9	55.75	55.60	55.20	**54.85**	**54.85**	55.04	55.60	56.12	56.34	56.19	56.21	56.07
10	56.90	56.50	**56.05**	56.15	56.20	56.29	56.82	57.77	57.91	58.08	57.77	57.48
11	58.55	58.05	57.80	**57.50**	57.65	58.14	58.36	58.38	58.40	58.59	58.42	57.99
12	**59.10**	58.85	58.60	58.35	58	57.90	58.36	58.64	58.47	58.44	58.46	58.01
13	57	56.80	56.70	56.60	56.60	56.91	57.20	57.59	57.60	57.62	57.66	57.60
14	57.40	56.85	**56.65**	56.95	57.35	57.05	57.10	57.55	57.89	**58.37**	57.96	57.97
15	57.90	57.50	57.30	**57.15**	57.20	57.66	57.95	58.26	58.64	58.79	58.93	58.73
16	58.70	58.60	58.50	58.45	58.55	58.91	59.06	59.34	**59.61**	59.32	59.19	58.84
17	57.95	57.80	57.65	57.55	57.55	57.83	58.74	**58.94**	58.39	57.70	57.65	57.52
18	56.50	56.20	55.80	55.95	56.40	56.34	56.68	**56.96**	56.86	56.56	56.51	56.43
19	55.80	55.60	55.30	55.40	55.55	55.90	56.26	56.56	56.68	56.40	55.92	55.39
20	55.35	55.15	55.10	55.40	55.80	55.81	56.40	56.66	56.78	56.58	56.48	56.07
21	55.20	55.60	55.40	55.40	**55.05**	55.57	56.17	56.70	57	56.89	56.97	56.64
22	57.25	56.95	56.70	56.65	56.70	57.20	57.55	57.78	57.79	**57.88**	57.65	57.53
23	57.10	56.25	55.90	55.75	**55.50**	55.69	56.26	56.64	57.24	57.04	56.92	56.64
24	57.40	56.95	56.50	56.45	56.35	**56.11**	56.59	56.79	57.50	57.37	57.51	57.39
25	57.70	57.20	57	56.70	56.90	57.17	57.61	57.99	58.16	58.20	58	57.68
26	58.90	58.50	58.45	58.65	58.65	58.79	58.99	59.01	59.35	59.35	59.33	58.92
27	59.20	58.95	58.85	58.95	59.40	59.50	59.80	60.15	60.41	**60.48**	60.29	59.97
28	59.60	59.35	59.20	59.20	59.25	59.62	59.97	60.28	60.41	60.56	60.17	59.72
29	**60.45**	60.15	60.05	59.85	59.65	59.79	59.89	60.03	60.07	59.97	59.64	59.33
30	59.15	58.80	58.70	59	59	59.19	59.43	**59.69**	59.53	59.22	58.86	58.61
31	58.45	58.40	57.85	57.80	57.90	58.17	58.36	58.89	**59.08**	58.90	58.73	58.11
Mean	57.60	57.28	57.06	57.02	57.06	57.29	57.65	57.94	58.06	57.99	57.84	57.54

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	25.2	25	24.8	24.7	24.7	**24.5**	26.8	29	30.9	29.8	29.9	30.9
2	27.9	27.2	27.2	25.8	**24.8**	24.9	26.6	29	30.5	30.3	31.2	30.9
3	25.8	25.4	25.7	25.7	**25.3**	25.9	26.4	28.7	30	31.1	**31.6**	30.9
4	26.5	25.8	25.5	25.3	25.1	**25**	27.2	28.7	28.1	30	**31**	30.4
5	27.1	27	26.6	26.2	26.1	25.9	26.5	27.9	29.6	29.1	**30**	28.6
6	24.9	24.9	24.9	24.7	24.1	**23.8**	24.2	25.5	27.2	29	28.6	28.7
7	26.4	25.3	25	24.7	**24.5**	24.8	25.8	27	28.2	29.2	30	**30.1**
8	**24.2**	24.6	24.8	24.7	24.6	24.7	26	27.4	27	27	26.2	28.8
9	27.5	27.1	27.7	27.2	27.5	27.9	28.8	28.7	29.4	30.8	30.9	**31.3**
10	26.2	26.1	26.5	26.2	27	27	26.8	**25.1**	26.7	27.6	**29**	27.8
11	25.3	26.3	26.9	26.9	25.5	25.3	27.2	28.5	29.1	29.8	29.6	**30.8**
12	24.4	24.9	24.9	24.9	25.2	**23.7**	24.2	24.6	25.3	27	26.5	27.6
13	23.8	23.7	23.8	23.8	**23.3**	23.5	23.7	23.6	24.1	24.9	25.1	**25.2**
14	24.4	24.2	**24**	24.1	24.3	24.9	25.5	25.1	25.6	25.7	**27.1**	26.7
15	24.6	24.6	24.3	24.2	**23.8**	23.9	26.4	27.9	29.3	28.5	28.5	28.1
16	24.9	24.5	24.5	24.4	**24.2**	**24.2**	25.4	28	28.9	29.2	29.6	29.8
17	24.8	24.9	24.9	24.8	24.9	**24.7**	25.3	26.5	27.2	28.3	**29.1**	28.8
18	25.7	25.7	25.6	25.5	25.5	25.3	**25**	25.1	25.6	27.3	27.8	28.4
19	25.3	24.9	25.4	25.3	25.4	25.2	25.7	27.5	29.1	29.8	29.3	30
20	24.5	24.6	**24.3**	24.7	24.8	24.8	26.1	27.4	27.2	26.8	**29.2**	28.5
21	26.6	26.1	25.5	25.5	26.4	26.7	27.7	26.6	26	26.9	27	**28.1**
22	25.9	25.3	**24.9**	25	25.6	25.9	26.6	27	27.1	27.8	28	26.2
23	26.2	26.6	25.7	25.5	25.5	25.4	26.2	28	**29.8**	**29.8**	28.2	28.2
24	24.6	24.6	24.7	25.2	25.8	25.8	26.2	26	25.2	25.3	26.1	27.1
25	24.5	25.1	24.6	23.8	23.6	**23.5**	24.5	27	28.6	29.4	29.8	**30**
26	25.3	25.2	24.9	24.8	24.6	**24.5**	26.5	27.2	28.9	29	29.3	29.6
27	24.8	24.6	**24.5**	24.7	24.6	**24.5**	26.1	27.8	29.6	29.7	30.1	30.3
28	25.9	25.7	25.3	25.3	25.2	25.1	26.3	27.5	28	28.6	29.6	29.8
29	24.1	24	24	23.9	23.4	**23.3**	25.2	27.8	29.1	29.3	29.8	29.9
30	24.8	24.5	24.5	24.3	**23.9**	24.1	25.6	28.3	29.8	29	30.5	30.7
31	25.3	25.4	25.7	25.2	25.3	25	26.9	28.6	29.6	28.6	29.5	**30.5**
Mean	25.4	25.3	25.2	25.1	**25**	**25**	26	27.2	28.1	28.5	29	29.1

ATMOSPHERIC PRESSURE, 700$^{\mathrm{mm}}$+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
55.44	55.26	54.95	54.85	54.85	55.20	55.70	56.20	56.85	57.35	**57.50**	57.20	**55.74**
55.87	55.48	**55.43**	55.51	55.79	56.39	56.82	57.10	57.25	57.80	**58.05**	57.65	56.76
56.37	55.98	55.70	**55.67**	56.15	56.37	56.73	57.25	57.60	**58.05**	57.65	57.35	56.94
56.12	55.79	**55.45**	55.67	55.80	56.42	56.90	57.25	57.60	**57.95**	57.60	56.90	56.68
56.86	56.51	56.24	56.32	56.26	56.71	56.92	57.30	58.60	**59.50**	59.10	58.85	57.11
57.25	56.89	56.53	**56.48**	56.82	57.22	57.71	58.55	58.90	**59**	58.90	58.60	57.77
58.24	57.90	57.25	**57.05**	57.29	57.48	57.59	58.15	58.35	58.60	58.50	58.40	58.14
56.13	55.99	55.73	**55.26**	55.37	55.78	56.20	56.55	56.75	57.05	56.90	56.40	56.65
55.67	55.36	55.45	55.40	55.27	55.76	56.39	57.15	57.55	57.65	**57.80**	57.35	56.03
57.23	57.22	57.64	57.44	57.20	57.35	58.02	58.65	59.10	**59.40**	59.25	58.80	57.55
58.09	57.95	58	57.63	58.08	58.19	57.90	58.50	58.75	58.85	**58.90**	58.85	58.23
57.38	57	56.79	**56.55**	56.88	57.24	57.29	57.95	58.15	58.65	58.55	57.60	57.97
57.26	56.72	56.51	**56.31**	56.46	56.61	57.25	57.45	57.45	**57.85**	57.70	57.40	57.12
57.71	57.54	57.51	57.16	57.06	57.11	57.24	57.60	57.95	58.20	58.35	58.25	57.53
58.33	57.89	57.42	57.52	57.73	58.21	58.40	58.55	59.10	59.60	**59.80**	59.20	58.24
58.01	57.18	**56.77**	56.86	57.25	57.58	58.07	59.05	58.90	58.75	58.80	58.45	58.45
57.05	56.48	56	55.82	**55.61**	56.04	56.37	56.90	57.15	57.25	57.20	56.95	57.25
55.75	54.88	**54.45**	54.54	55.10	55.50	55.72	56.35	56.65	56.80	56.65	56.35	56.08
54.54	54.67	55.17	55.01	55.13	55.37	56.22	56.65	56.60	**56.85**	56.50	55.70	55.80
55.40	54.85	**54.60**	54.83	55.04	55.49	55.85	56.40	56.85	**56.95**	56.25	55.65	55.82
56.13	55.83	55.92	56.14	56.42	56.68	56.78	57.20	57.35	**57.55**	57.50	57.45	56.40
56.94	56.33	56.24	56	**55.73**	55.75	56.35	56.85	57.25	57.70	57.70	57.65	57
56.45	56.12	55.94	55.85	56.27	56.96	56.83	56.95	57.45	58.10	**58.15**	57.80	56.66
56.90	56.59	56.72	56.84	56.85	57.05	57.57	57.70	58.30	**58.60**	58.10	57.85	57.17
56.96	56.62	56.52	56.51	**56.31**	57.09	57.79	58.40	59	59.45	**59.60**	58.95	57.65
58.28	57.76	57.68	**57.63**	58.11	58.46	58.79	59.15	59.65	**59.75**	59.65	59.35	58.80
59.18	58.86	58.74	58.49	**58.46**	58.83	59.07	59.20	59.55	59.75	59.95	59.70	59.41
59.09	58.65	**58.42**	58.65	59.05	59.43	60.22	60.50	**61.05**	**61.05**	61	60.80	**59.80**
58.63	58.12	57.58	**57.36**	57.55	57.75	58.15	58.85	59.20	60	59.85	59.45	59.22
58.19	57.65	57.33	**56.97**	57.15	57.60	57.86	58.60	58.85	59.05	58.95	58.65	58.58
57.46	56.84	56.62	**56.58**	56.76	57.30	58.12	58.75	58.90	58.85	58.40	58.05	58.05
57.06	56.67	56.49	**56.42**	56.57	56.93	57.32	57.80	58.15	**58.45**	58.35	57.99	57.44

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
31.1	32.2	**32.4**	32	31.4	29.8	29.1	28.8	28	28.1	27.9	27.9	**28.5**
31.4	**31.5**	30.7	29.4	29.1	28.6	27	27.1	27.1	26.8	26.1	25.9	28.2
29.1	30.2	30.5	29.7	29.1	28.6	28.6	28.1	27.4	27	26.3	27.3	28.1
30.9	**31**	30.6	30.7	30.4	28.6	28.3	28.3	28.3	28.1	27.8	27.3	28.3
29.1	28.2	27.9	27.5	28	27.8	27.6	25.1	**24.1**	24.2	24.5	24.5	27
30.1	**30.2**	29.6	**30.2**	28.8	28	27.3	26.9	26.7	26.2	25.9	25.8	26.9
29.9	28.5	26.1	29.3	28.1	28	26.7	25.8	25.2	25.1	24.6	24.6	26.8
29.8	28.3	**29.9**	29.2	28.6	28.1	27.7	27.4	27.8	27.9	27.4	27.3	27.1
31	31	29.8	30.7	30.1	27.5	27.1	26.6	26.6	**25.8**	26	26.2	**28.5**
27.9	28.5	26	26.3	26.3	26.5	26.8	25.8	25.4	25.4	26.2	25.3	26.6
26.1	26.2	26.2	26.3	26.7	26.4	26.3	26.5	26.4	25.8	25.5	**25.2**	26.9
27.7	**27.7**	26.8	26.7	26	25.8	25.9	26.1	25.6	24.9	24.2	24	25.6
24.7	24.8	25.1	**25.2**	24.8	24.4	24.1	24	24.2	24.3	24.4	24.6	**24.3**
26.3	26.3	26.1	25.9	25.3	24.9	24.9	24.7	24.6	24.5	24.5	24.6	25.2
29.2	**29.4**	28.9	**29.4**	28.4	27.3	26.7	26.6	25.9	25.3	25.5	24.9	26.7
30.1	30.5	**30.6**	29	28.5	28	26.7	25.7	26	25.2	25	24.9	27
28.5	28.8	28.9	28.8	28.2	27.5	26.6	26.1	26.1	25.8	25.7	25.7	26.7
29.1	**29.3**	28.5	28.7	28.1	27.2	26.6	27.2	27.2	27.1	26.3	25.8	26.8
30.8	28.8	25.8	25.2	25.3	25.2	25.2	25.5	25.3	25.3	24.9	**24.7**	26.5
28.3	28.5	28.9	28.5	27.8	27.2	26.8	26.4	26.3	26.9	26.5	26.4	26.7
26.8	27.5	27.7	27.3	26.8	25.6	25.7	25.6	**25.3**	**25.3**	25.8	25.8	26.4
27.2	28.1	27.8	**28.2**	27.7	27.4	27.4	27.5	27.4	27.1	25.9	25.4	26.8
28.8	28.6	28	27.7	27.2	24.9	24.6	24.6	**24.3**	24.6	24.6	24.7	26.6
28	24.8	25.2	25.5	25.5	25.5	25.3	24.9	24.7	25.3	24.7	**24.3**	25.4
30	29.6	29.9	**30**	28.2	27	26.9	26.9	26.1	26.1	25.6	25.4	26.9
29.8	**30**	**30**	**30**	28.9	27.7	27.4	27.2	26.5	25.8	25.5	25.1	27.2
30.5	**31**	30.9	29.7	28.8	28.4	28	27.8	27	26.8	26.5	26.2	27.6
30.6	30.8	**31.2**	29.1	28.8	27	24.1	**23.8**	25.2	24.9	24.7	24.3	27
30.3	30.5	30.5	**31**	30.2	28.6	28.1	28.2	27.5	26	26	25.3	27.3
30.9	**31.2**	30.2	29.9	29.7	28.7	28.6	26.3	25	25.6	25.4	25.4	27.4
30.1	29.5	29.7	30.2	28.9	28.4	24.1	23.6	**22.8**	23.2	23.8	24	26.8
29.2	29.1	28.7	28.6	28.1	27.2	26.7	26.3	26	25.8	25.6	25.4	26.9

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	97	98	98	98	98	**99**	88	81	69	75	71	67
2	81	84	83	90	**96**	95	90	81	71	71	**68**	71
3	95	**97**	95	96	96	93	92	81	76	75	**72**	76
4	94	97	98	98	**99**	**99**	88	80	83	77	73	76
5	90	90	93	96	96	**97**	94	88	**77**	81	80	83
6	93	92	92	92	**96**	**96**	94	90	81	**69**	73	75
7	88	93	96	97	**98**	97.5	91	87	80	76	73	**72**
8	**97**	**97**	**97**	**97**	**97**	**97**	96	90	91	90	94	81
9	87	89	85	88	86	84.5	80	83	78	73	**71**	**71**
10	96	**97**	94	95	89	90	94	**97**	83	84	78	82
11	**94**	89	86	86	93	**94**	84	78	76	74	75	**71**
12	97	92	91	92	87	97	95	96	88	84	88	**83**
13	98	98	98	97	**100**	99	97	98	98	97	96	96
14	97	97	**98**	97	97	93	95	95	95	84	**81**	83
15	97	97	98	98	**99**	**99**	89	82	**75**	81	84	85
16	96	98	98	98	**99**	98	94	85	80	78	77	74
17	**98**	**98**	96	96	97	**98**	96	90	87	83	80	82
18	94	94	95	95	95	**96**	**96**	95	94	87	86	82.5
19	94	97	94	96	95	96	93	88	78	77	79	77
20	**99**	98	**99**	**99**	98	98	91	85	87	90	81	83
21	90	93	**96**	**96**	90	87	**81.5**	91	92	88	86	83
22	90	94	**98**	96	93	90	86	84	87	86	85	91
23	90	90	96	96	96	**97**	92	85	**79**	**79**	88	87
24	97	97	97	94	90	90	90	92	95	93	92	85
25	97	94	95	97	**99**	**99**	96	84	76	**72**	**72**	73
26	93	92.5	94	**96**	**96**	**96**	86	81	77	78	74	74
27	97.5	**99**	**99**	**99**	**99**	**99**	92	82	72	77	74	74
28	93	93	96	97	98	98	91	84	81	78	74	74
29	**97**	**97**	96	96	**97**	**97**	92	82	74	70	71	69
30	98	**99**	97	97	**99**	98	91	82	77	80	72	69
31	89	90	88	91	90	92	83	76	70.5	74	74	69
Mean	94	94.5	94.7	95.4	95.4	**95.5**	90.9	86.2	81.5	80	78.8	78

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23	22.9	22.9	22.7	22.7	22.7	23	**24.1**	22.8	23.2	22.3	22.1
2	22.6	22.6	22.2	22.3	22.3	22.2	23.1	24	23	22.7	23	23.4
3	23.5	23.3	23.3	23.5	**23**	**23**	23.5	23.7	23.9	25	24.7	**25.1**
4	24	23.9	23.6	23.5	23.5	23.3	23.6	23.3	23.4	24.2	24.5	24.4
5	24.1	24	24	24.2	24.1	24	24.3	24.7	23.6	24.1	**25.1**	24.2
6	21.8	21.6	21.6	21.4	21.4	20.9	21.1	21.8	21.6	**20.7**	21.3	21.8
7	22.4	22.3	22.5	22.3	22.4	22.6	22.4	23.1	22.8	22.8	22.9	22.9
8	**21.8**	22.2	22.5	22.3	22.2	22.3	23.9	24.3	24.1	24	23.8	23.8
9	23.6	23.6	23.5	23.6	**23.4**	23.6	23.7	24.2	23.7	24.1	23.6	24
10	24.2	24.3	24.3	24	23.5	23.7	**24.5**	22.9	**21.5**	22.9	23.1	22.8
11	22.6	22.5	22.5	22.8	22.4	22.6	22.6	22.6	22.8	23.1	23.2	**23.4**
12	21.9	21.6	21.2	21.4	**20.7**	21	21.3	22	21	22.3	22.6	22.8
13	21.5	21.4	21.5	21.3	21.3	21.3	**21.2**	21.3	21.9	22.6	22.7	**22.8**
14	22.1	21.8	21.8	21.5	22	21.8	23	22.5	**23.2**	**20.5**	21.6	21.7
15	22.2	22.2	22.2	22.1	**21.7**	21.9	22.7	22.7	22.7	23.4	**24.3**	24.1
16	22.4	22.4	22.4	22.3	22.2	**22.1**	22.7	23.8	23.6	23.4	23.8	23.1
17	22.9	23	22.4	**22.3**	22.6	22.7	23	23	23.2	23.7	23.9	24.1
18	23.1	23.1	23.2	23	23	23	22.5	22.5	22.9	23.4	23.9	23.7
19	22.6	22.6	22.7	23	22.9	22.8	22.7	24.1	23.5	23.9	24	**24.2**
20	22.7	22.6	**22.4**	22.9	22.9	22.9	22.9	23	23.4	23.7	**24.3**	24
21	23.1	23.3	23.2	23.2	22.9	22.7	**22.4**	**23.5**	22.9	23.2	22.7	23.4
22	22.4	22.6	22.8	22.5	22.5	22.4	**22.2**	22.3	23.2	23.9	23.8	23
23	22.8	23.4	23.5	23.2	23.2	23.3	23.2	23.8	24.8	24.8	**25.1**	24.6
24	22.2	22.2	22.3	22.4	22.3	22.3	22.8	22.9	22.6	22.3	**23**	22.7
25	22.3	22.3	21.8	**21.3**	21.4	**21.3**	21.9	22.3	22.1	22.1	22.4	22.9
26	22.2	22	22	22.3	22	21.9	22	**21.6**	22.8	**23.1**	22.5	22.8
27	22.6	22.8	22.7	22.9	22.8	22.7	23	22.6	22.1	**23.7**	23.5	23.6
28	23	22.9	23	23.1	23.2	23.1	23.2	22.8	22.7	22.6	22.8	23.1
29	21.7	21.4	21.2	21.1	20.8	**20.5**	21.8	22.8	22.2	21.3	22.2	21.7
30	22.9	22.7	22.3	22	21.9	21.9	22.1	23.6	**24.1**	23.7	23.2	22.7
31	21.4	21.7	21.5	21.6	21.5	21.6	21.7	22.1	21.7	21.5	22.6	22.4
Mean	22.6	22.6	22.5	22.5	**22.4**	**22.4**	22.7	23	22.9	23.1	**23.3**	**23.3**

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
65	61	**60**	62	66	72	76	73	78	77	79	80	**78.7**
70	**68**	70.5	70	80	83	88	90	90	91	95	**96**	82.2
82	78	77	79	78	81	80	83	87	90	95	88	85.1
74.5	74	74	74	**72**	81	83	83	82	85	88	90.5	84.3
80	**77**	82	88	83	84	82	96	**97**	**97**	96	95	88.4
73	75	75	72	73	77	80	83	85	89	92	91	83.7
77	85	95	77	82	82	86	90	94	94	97	97	87.7
77	85	**77**	80	82	85	87	85	85	88	88	89	88.8
73	74	78	76	77	90	92	95	94	**97**	94	95	83.8
82	**76**	89	87	88	89	88	93	95	96	89	92	89.3
89	89	89	90	89	88	89	88	90	92	92	93	86.6
83	85	85	86	93	93	92	93	94	**98**	**98**	**98**	91.2
96	**95**	96	**95**	**95**	97	99	98	97	97	97	96	**97.1**
86	88	87	88.5	89	92	92	95	96	97	97	97	92.4
76	79	79	76	79	83	87	87	92	95	94	97	87.8
73	**69**	72	81	85	88	95	94	91	97	97	98	88.1
83	83	79	**76**	83	88	94	95	95	97	97	96	90.3
81	**79**	83	80	82	87	90	87	88	89	90	91	89
71	79	92	93	94	95	96	95	97	97	98	**99**	90.4
84	81	**77**	77.5	82	85	87	90	93	87	90	90	88.8
86	84	82	85	86	93	92	92	94	95	91	91	89.4
87	**81**	85	86	85	87	88	87	87	89	93.5	95	88.8
83	83	85	84	82	91	94	94	96	94	96	95	89.7
80	93	90	91	89	90	90	92	96	93	97	**98**	92.1
74	76	75	73	80	85	88	87	89	90	94	93	85.8
73	72	**71**	72	77	80	82	83	88	93	95	**96**	84.1
70	68	**64**	69	76	77	80	80	87	88	90	91	83.5
72	72	**70**	80	76	83	98	**99**	94	97	97	98	87.2
69	**67**	71	70	74	81	85	85	87	93	94	**97**	83.8
69	**66**	71	73	71	75	75	83	91	87	88	88	83.2
71	75	71	**68**	72	79	96	97	**98**	**98**	97	96	83.5
77.7	78	79.1	79.3	81.3	85.2	88.1	89.4	91.2	92.5	93.4	93.8	87.3

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
21.8	22	21.6	21.9	22.5	22.4	22.8	**21.4**	21.9	21.8	22.2	22.3	22.5
23.8	23.3	23.1	**21.2**	23.9	**24.2**	23.3	23.9	23.9	23.8	23.9	23.8	23.1
24.5	25	24.9	24.4	23.2	23.5	23.4	23.4	23.7	24	24.1	23.8	23.9
24.7	24.6	24.3	24.2	**23.1**	23.5	23.7	23.7	23.6	24.1	24.3	24.3	23.9
23.9	**21.7**	23	24.1	23.3	23.2	22.5	22.7	**21.7**	21.8	21.9	**21.7**	23.4
23.3	**23.8**	23.2	23	21.6	21.7	21.5	21.7	22.1	22.4	22.8	22.4	21.9
24.3	**24.5**	23.9	23.4	23.3	23.1	22.3	22.3	22.4	22.3	**22.2**	22.4	22.8
23.9	**24.4**	24.3	24	23.8	23.9	23.9	23	23.6	**24.4**	23.9	23.9	23.5
24.5	24.6	24.3	**25.1**	24.6	24.5	24.5	24.6	24.4	23.9	23.5	24	**24**
22.7	22	22.3	22.1	22.3	22.8	23	22.8	22.9	23.1	22.4	21.9	23
22.3	22.4	22.4	22.8	23.1	22.4	22.5	22.6	22.9	22.7	**22.2**	**22.2**	22.6
22.9	**23.5**	22.2	22.5	23.1	22.8	22.8	23.3	22.9	22.8	22.1	21.8	22.2
22.2	22.1	22.7	22.6	22.1	21.9	22.1	21.8	21.8	21.8	21.9	22	21.9
21.9	22.3	21.8	22	21.4	21.6	21.6	21.9	22	22	22	22.2	21.9
23	23.9	23.4	23	22.7	22.3	22.7	22.6	22.8	22.7	22.8	22.6	22.8
23	22.4	23.6	24.1	**24.7**	24.6	**24.7**	23.1	22.7	23	22.8	23	23.2
24	**24.3**	23.4	22.4	23.6	24.1	24.2	23.9	23.9	23.9	23.7	23.5	23.4
24.3	24	23.9	23.3	23	23.2	23.4	23.4	23.6	23.6	22.8	**22.4**	23.3
23.4	23.3	22.7	**22.2**	22.6	22.6	22.8	23	23.1	23.1	22.8	22.9	23.1
24	23.4	22.8	**22.4**	22.6	22.8	22.8	23.1	23.6	22.9	23	23.1	23.1
22.6	22.8	22.7	22.9	22.6	22.5	22.5	**22.4**	22.6	22.7	**22.4**	**22.4**	22.8
23.2	22.9	23.6	**24.5**	23.5	23.5	23.9	23.8	23.7	23.6	23.2	22.9	23.2
24.3	24	23.8	23.3	21.9	**21.2**	21.6	21.6	21.6	21.6	22	21.9	23.1
22.5	21.7	**21.4**	22	21.7	21.8	21.5	21.6	22.2	22.2	22.5	22.2	22.2
23.4	23.3	**23.4**	22.9	22.8	22.5	23.2	22.9	22.5	22.6	22.9	22.5	22.5
22.6	22.7	22.5	22.7	22.8	22	22.2	22.2	22.6	**23.1**	23	22.7	22.4
22.8	22.7	**21.3**	21.5	22.4	22.3	22.5	22.2	23.1	23	23.2	23	22.7
23.4	**23.9**	23.6	**23.9**	22.4	21.9	21.9	**21.7**	22.4	22.6	22.5	22.2	22.8
22.1	21.8	23	23.3	23.7	23.5	23.9	**24.1**	23.6	23.1	23.5	23.1	22.4
23	22.2	22.5	23	21.9	22.1	21.9	**21.2**	21.3	**21.2**	21.3	21.3	22.3
22.6	**22.8**	22	21.7	21.3	22.7	21.4	20.9	20.3	**20.8**	21.2	21.2	**21.7**
23.3	23.2	23	23	22.8	22.8	22.8	22.7	22.8	22.8	22.7	22.6	22.8

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu.	Cu.	A.-Cu.	Cu. SWbyW		N.-cf. SW		N.-cf. SW	Ci.	Cu.
2	Ci.-S.	Cu. WSW	Ci.-S.	Cu. W	Ci.	Cu.	A.-Cu. NE	Cu. W	Ci.	Cu. WSW
3	Ci.-S. W	S.-Cu. SW	Ci.-Cu. E	Cu.	Ci.	Cu. SW	Ci.	Cu. SW		Cu.
4	A.-Cu. NE	Cu.		Cu.-N.		Cu. SW	Ci.-Cu.	Cu.	Ci.-Cu.	Cu.
5	Ci.-S.	N.-cf. wsw	Ci.-S.	S.-Cu. WbyS	Ci.-S.	Fr.-N. wsw	Ci.-S.	S.-Cu. SWbyW	Ci.-S.	S.-Cu.
6	A.-Cu.	S.-Cu. wbys		S.-Cu. WbyS	A.-Cu.	S.-Cu. W	Ci.-S.	Cu.	Ci.-S.	Cu.-N.
7		Cu. SW		Cu. SW		Fr.-Cu. SW		Cu. SW		Cu. SW
8	Ci.-S.	Cu.-N.	Ci.-S.	Fr.-N. swbyw		N. SW		N. SW	Ci.-S.	N.-cf.
9	Ci.	Cu.-N. swbyw	Ci.	Cu.-N. swbyw	Ci.	Cu. SWbyW	Ci.	Cu. SW	Ci.	Cu. SW
10		Fr.-N. W		Fr.-N. W		Fr.-N. W		Cu. WSW		Cu.-N.
11	A.-Cu. NW	S.-Cu.	A.-Cu. NW	S.-Cu.	Ci.-S.	S.-Cu. wnw	Ci.-S.	Cu. WSW		Cu.-N. wsw
12		N. W		Cu.-N. W	Ci.-S.	Cu.-N. wbys		N. WbyS		Cu.-N. wbys
13		N.		Cu.-N. swbyw		Fr.-N. SWbyW		Fr.-N. SWbyW		N.
14		Fr.-N. W		Cu.-N.		Cu.-N. W		Cu.-N. W		Cu.-N. W
15		Cu.		N.-cf. W		N.-cf. W	A.-Cu.	Cu.		N.-cf.
16	Ci.	Cu.-N. wnw		Cu. WNW	Ci.	Cu.	Ci.	Cu. NW	Ci.	Cu.
17		Fr.-N. NE	Ci.-S.	Cu. NE	Ci.-S.	Cu.-N. NE		Cu.-N. NNE		Cu.-N. NNE
18		N.		Fr.-N.		Fr.-N. NNE		Cu.-N. NbyE		Fr.-Cu. E
19	Ci.-S.	S.-Cu. ESE	Ci.	Cu.-N. SEbyE	Ci.	Cu. SEbyE	Ci.-S.	Fr.-Cu. SE	Ci.	Cu. SE
20		Cu.-N. W		Cu.-N. W		Fr.-Cu. W	Ci.-S.	Cu.-N. wbys		Fr.-Cu. wbys
21		Cu.-N. WSW		Cu.-N. WSW		Cu.-N. wsw		Cu.-N. wsw		Cu.-N. SW
22		N. SW		N.-cf. SW		Cu. SW		N.-cf. W		N.-cf. SW
23		Cu.-N. WSW		Cu. SWbyW	Ci.-S.	Cu.	A.-Cu. W	Cu.-N. wsw		Cu.-N.
24		Fr.-N. W		N. WSW		Fr.-N. W		Fr.-N. W		Cu.-N. wsw
25	Ci.-S.	S.-Cu. swbyw	Ci.-S.	Cu.	A.-Cu. E	Cu.	A.-Cu. E	Cu.	A.-Cu. E	Cu.-N.
26	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
27	Ci.	Cu. W	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
28	A.-Cu.	Cu.	A.-Cu. NE	Cu.	A.-Cu. NE	Cu.	A.-Cu.	Cu.		Cu.
29	Ci.	Cu.	Ci.	S.-Cu. W	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
30	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. ESE	Ci.-S.	Cu.	Ci.-S.	Cu.
31	Ci. ENE	Cu.	Ci.	Cu.	Ci.	Cu. NE	Ci.-Cu.	Cu. NE	Ci.	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1		N.-cf. SW		Cu. SW	Ci.	Cu. SW		Cu.		Cu.
2	Ci.-S. NEbyE	Cu.	Ci.-S. NEbyE	Cu.	Ci.-S.	S.-Cu. WSW	Ci.-S.	S.-Cu. WSW	Ci.-S.	S.-Cu.
3		Cu. SW	A.-Cu.	Cu. SW	A.-Cu.	Cu. SW		Cu. SW		Cu. SW
4	Ci.	Cu.	A.-Cu.	Cu.	Ci.	Cu.	A.-Cu.	Cu. W	Ci.	Cu.-N. W
5	Ci.-S.	S.-Cu. WSW	Ci.-S.	S.-Cu. WSW	Ci.-S.	Cu.-N.	Ci.-S.	N.-cf. WSW	Ci.-S.	Cu.-N.
6	A.-Cu.	Cu.	Ci.-S.	Cu. SW	Ci.-S.	Cu. SW	A.-Cu.	Cu. SW	A.-Cu. NW	Cu.
7		Cu.-N. SW		Cu.-N. SW		Fr.-N. SW		Cu.-N. SW		Cu.-N. wsw
8	Ci.-S.	N.-cf. swbyw	Ci.-S.	N.-cf. swbyw	Ci.-S.	Cu. WSW	Ci.-S.	Cu.	Ci.-S.	N.-cf. WSW
9	A.-Cu.	Cu.		Cu.		Cu.		Cu.		Cu. SW
10	A.-Cu.	N.-cf. WSW	Ci.-S.	N.-cf. WSW		Cu.-N. WSW	Ci.-S.	N.-cf. WSW	Ci.-S.	N.-cf. WSW
11		Cu.-N.		Cu.-N.		Cu.-N. SW		Cu.-N. SW		Cu.-N. SW
12		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N. SW
13	Ci.-S.	N. SWbyW	Ci.-S.	Fr.-N. WSW	Ci.-S.	N.-cf. WSW	Ci.-S.	N.-cf. SWbyW		N.
14		Cu.-N. W		Cu.-N. WNW		Cu.-N. wbyN		N. WbyN		Fr.-N. W
15	A.-Cu.	Cu.-N. W		Cu. W		Cu.	Ci.	Cu.	A.-Cu.	Cu.-N.
16	Ci.	Cu.		Cu.		Cu.		Cu.-N.		Cu.-N.
17		Cu.-N. NNE	Ci.-S.	Cu. NNE	Ci.-S.	Cu.	Ci.-S.	Cu. NNE	Ci.-S.	Cu.
18	Ci.-S.	Cu.	Ci.-S.	Cu.		Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
19	Ci.-S. ENE	Cu.-N.	Ci.-S.	Cu.-N. swbyw		Cu.-N.	Ci.-S.	Fr.-N.	Ci.-S.	Fr.-N.
20		Cu.-N. WSW		Cu.-N. WSW		Cu.-N. wsw		Cu.-N.		Cu.-N. wsw
21	Ci.-S.	Fr.-N. WSW	Ci.-S.	N.-cf. WSW	Ci.-S.	N.-cf. WSW	Ci.-S.	Fr.-N. WSW	Ci.-S.	Fr.-N. SW
22		N.-cf. SW	Ci.-S.	N.-cf. SW	Ci.-S.	N.-cf. SW	Ci.-S.	Cu. WSW	A.-Cu.	N.-cf. WSW
23		Cu.-N. WSW		Cu.-N. WSW		Fr.-N. W		Cu.-N. wsw		Cu.-N wsw
24		Cu.-N. W		N.		Cu.-N. wsw		Cu.-N. wsw		Cu.-N. wsw
25	Ci.	Cu.	A.-Cu.	Cu.	A.-Cu. SE	Cu.	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW
26	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	A.-Cu. SE	Cu.
27	Ci.-S. NE	Cu.	Ci.-S. NEbyE	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. WSW	Ci.-S.	S.-Cu.
28	Ci. E	Cu.	Ci. E	Cu.		Cu.		Cu.-N.		Cu.-N.
29	Ci.	Cu.		Cu.		Cu.		Cu.	Ci.	Cu.
30	Ci. ENE	Cu.	Ci. ENE	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.
31	Ci.-S.	Cu. NE	Ci.-S.	Cu. NE	Ci.-S.	Cu.-N. NE	Ci.-S.	Cu.-N. NE	A.-Cu.	Cu.-N.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	Calm	Calm	SSE 0.5	E 1	E 1	E 0.5	E 1	E 1	SSE 1	Calm	Calm	WSW 2
2	SSW 3.5	SSE 2	SSW 3	SSW 1	Calm	ESE 1	Calm	Calm	Calm	WSW 2.5	WSW 7	SW 6.5
3	Calm	SE .5	SE .5	S .5	Calm	SSW 1	SW 1	SSW 1.5	SSW 3.5	SSW 5.5	SSW 5.5	SW 9
4	S 1	Calm	Calm	S .5	Calm	Calm	Calm	SSW 1	SW 6.5	SW 6.5	SSW 5.5	SSW 5
5	SSW 3	SSW 1.5	Calm	Calm	Calm	Calm	Calm	SSW 1.5	SSW 3.5	SSW 3.5	SW 5.5	SW 9
6	WSW 3.5	SW 2.5	WSW 2.5	S 1.5	S .5	SE 1.5	Calm	E 1.5	Calm	SSW .5	SW 1.5	WSW 3.5
7	SW 1.5	N 1	N 2	Calm	Calm	S 4.5	SW 2	SbyE 2.5	SSE 1	Calm	SW 9	SWbyS 7.5
8	ESE 1	Calm	Calm	ESE 2	ESE 1	SSE 1.5	SEbyS 1	SW 1	swbyw 6	WSW 8	SW 9.5	SW 6.5
9	SW 5.5	SW 3	SW 9	S 3.5	SW 5	SW 11	SW 6	SW 5	SW 6.5	SW 7	SSW 11	SW 6
10	SSE 2	SSE 2.5	S 2	SSW 3.5	SW 5	SSW 6	S 1.5	S 10	SW 6	S 5.5	SSW 4.5	SSW 8.5
11	Calm	SW 3.5	SW 4	SSW 4.5	S 1	Calm	SSW 2.5	SW 9	SSW 11	SSW 8.5	SSW 6.5	SSW 6
12	W 10	W 6	SW 5.5	SW 3	SE 1.5	Calm	SE 1.5	SW 9.5	WNW 1.5	SW 3.5	SSW 1.5	SW 6.5
13	N 1.5	NNE .5	NE 1.5	NEbyE .5	ENE 2	NE 1.5	NE .5	Calm	SSE 2.5	SE 1	ENE .5	Calm
14	Calm	Calm	ENE 1.5	Calm	Calm	SW 2.5	SW 1	Calm	Calm	Calm	Calm	WNW 3.5
15	SE 1	SE 1	SE .5	SE .5	SE .5	SE .5	Calm	Calm	Calm	WNW 5	WNW 3.5	WNW 4.5
16	S 1	S .5	Calm	Calm	Calm	Calm	Calm	Calm	SSW 1.5	S 2	SW 2.5	SW 2
17	Calm	Calm	N 1	NbyE 1.5	N 1.5	N 1	NNW 1.5	NW 2	NNW 1	WNW 1.5	NW 4.5	NW 1.5
18	Calm	Calm	Calm	Calm	WNW 1	Calm	N 1	N 1	NNW 2	NNW 2	NW 1.5	NW 2
19	SSW .5	SSW 1	SSW .5	S .5	Calm	Calm	Calm	S 1.5	S 1	WSW 1.5	SW 1	SW 4.5
20	Calm	Calm	Calm	E 1	NE 1.5	ENE 1	S 1	SW 1.5	SW 5	SSW 2.5	SSW 3.5	S 3
21	SSW 2	SSW .5	SSW .5	SSW 1.5	SSW 3	SW 2.5	SW 7	WSW 6	SW 8	S 2.5	WSW 9.5	SW 3
22	SSW 1.5	SSE .5	Calm	Calm	SSW 3	SSW 4	Calm	SSW 4	SSW 3	SSW 4	WSW 3.5	SW 10
23	WSW 4.5	W 3.5	NNE 1	E .5	NNW .5	WSW 2	WSW 1.5	WSW 3	WSW 5.5	SW 4.5	WSW 6.5	W 2
24	Calm	N .5	ESE .5	SW 3.5	WSW 4	WSW 2	WSW 1.5	NE 1	WNW 1	SW 2.5	SSW 2	SSW 2.5
25	SW 5.5	SSW 6.5	SSE 3	SSE .5	SSE .5	S .5	S .5	SE 2.5	SSE 3.5	SSE 2	Calm	WSW 10.5
26	S 2.5	SSE 1	WSW 2.5	SW 6	S 1.5	S 1	SSE 1	ESE 1	SSE 1	SW .5	SW .5	WSW 1
27	Calm	Calm	NNE .5	NE .5	Calm	Calm	NE 1	Calm	Calm	Calm	WSW 1	W 1
28	NW 1.5	N .5	Calm	Calm	N .5	Calm	Calm	Calm	NW 1	W .5	WSW 1	WSW 1
29	Calm	Calm	Calm	E 1.5	Calm	ENE 2	EbyN 1.5	Calm	WNW 1	WNW .5	WSW 1.5	WSW 2.5
30	Calm	Calm	Calm	Calm	Calm	NNE .5	NNE .5	NE .5	Calm	SSW 1	WSW 2	WSW 2
31	NNW 1.5	NW 1.5	NW 2	NW 2	NNW 1.5	N .5	N 1	NNW 2	NW 1.5	WNW 3	W 1	W 4
Mean	1.7	1.3	1.4	1.3	1.2	1.6	1.2	2.2	2.7	2.8	3.6	4.4

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WSW 3.5	SW 2.5	SW 5	SW 5	WSW 3.5	WSW 3.5	SSW 2.5	S 3.5	S 2	SSW 3.5	SSW 3	SSW 2.5	2
2	SW 6.5	SW 8.5	SW 7	SW 6	SW 3	SW 1.5	WSW 5.5	SW 1.5	SW 1	SW 1	SE 1	Calm	2.9
3	SW 7	SW 5	SW 4	SW 5	SW 6.5	SWbyS 5.5	SSW 4.5	SW 2	S 1.5	Calm	Calm	SW 2	3
4	SSW 7	SSW 5.5	SSW 7	SW 6.5	SSW 5	SW 5	SSW 3.5	SSW 5	SW 5	SW 3	SSW 2.5	SSE 2.5	3.5
5	SW 9	SW 9	SW 2	SW 4.5	SSW 6	SW 5.5	SSW 6	NW 6.5	SW 6	SW 3	W 3	SW 2.5	3.8
6	SW .5	SW 5.5	SW 8	SW 9	SW 8.5	SW 8	SSW 7.5	SW 3.5	SW 1.5	SW .5	Calm	S 2.5	3.1
7	NW 4	WNW 7.5	WNW 4	W 2.5	SW 7	WSW 5.5	W 8	WNW 4	N 1.5	NNE 2	Calm	ENE 1	3.2
8	SW 9.5	SW 10.5	SW 8	SW 9.5	SW 7.5	SW 8	SW 5.5	SW 6.5	SW 5.5	SW 5.5	SW 2.5	SW 2.5	4.9
9	SSW 10.5	SSW 9	SW 11	SW 6.5	swbys 10	SSW 5.5	SbyW 1.5	Calm	S 4	SSE 3	S 3	SSW 2	6
10	SSW 5.5	SSW 6.5	WSW 13.5	SW 7.5	SW 6.5	SW 1.5	Calm	N 2	Calm	SE .5	SW 4.5	S 1.5	4.4
11	swbys 14	SW 5.5	SSW 9.5	SWbyS 5	SSW 4	S 5	S 4.5	SW 4	SW 1.5	SW .5	SW 1	Calm	4.6
12	SW 5	swbyw 4.5	SSW 5.5	Calm	SSE 1	SSE 2	SWbyS 6.5	swbys 5.5	SSW 4	NW 4.5	NW 2.5	NbyE 1.5	3.9
13	Calm	NNE .5	Calm	NNE .5	NNW 3.5	N 6.5	N 4.5	N 4.5	NNE 1.5	NNE .5	WNW 1.5	SSE 1.5	1.5
14	W 2	WNW 1.5	SW 1.5	SW 1	SSW 1	SSW 3.5	SSW 1	Calm	SE 1	SE .5	Calm	Calm	.9
15	W 4.5	WSW 1.5	WSW .5	WSW 1	SSW 2.5	SWbyS 3	SW 2.5	SW 2.5	S 2	Calm	S 1	Calm	1.6
16	SWbyS 3	SW 3	SW 8	SWbyS 6	SSW 4	SSW 3	Calm	NNE 3	NbyE 2.5	NE .5	NE .5	Calm	1.8
17	SW 1.5	S .5	SbyW 1	SW 3	SSW 4	SW 1.5	Calm	Calm	SW 1.5	SW .5	SW .5	SW 1.5	1.4
18	W 2	W 2.5	Calm	W 1	Calm	Calm	Calm	WSW 1.5	WSW 1.5	SSW 2.5	SSW .5	SSW 1.5	1
19	SW 4.5	SW 1	SE .5	E 2.5	ENE .5	E 1	ESE .5	E 1	E .5	E 1	E 1.5	E .5	1.1
20	SbyE 1	SSW .5	SSW 4	SSW 5.5	SSW 5	S 3.5	Calm	Calm	SW .5	SSW 2.5	S 2	S 1.5	1.9
21	SSW 3.5	SSW 4.5	SSW 1.5	S 1.5	S 3.5	SSW 3	S 4	S 3	SSE 2	SSE 3	SSE 2.5	SSE 3	3.4
22	SW 6.5	W 6	WSW 4	WSW 4	W 4	WSW 4.5	SSW 5	SW 4	WSW 4	SW 3	SW .5	WSW 5.5	3.5
23	SW 5	SW 6	SW 6	SSW 3	SW 5.5	SW 4	Calm	N 1.5	N 1.5	N 1	N .5	Calm	2.9
24	SSW 2	SW 12	swbys 10	SW 7	SW 5	SSW 3.5	SSW 3.5	SSE 2	SSE 3	S 2.5	SSE .5	SSE .5	3
25	W 8.5	W 9.5	WSW 11	SW 9	SW 6.5	SW 5.5	SW 6	SSW 2	S 2	SW 4	W 1.5	SW 1.5	4.3
26	SW 10	SW 4.5	SW 7.5	SW 7	SW 9	SW 9	SW 5	SSW 2	SSW 1	SSE .5	SSE 1	Calm	3.2
27	WSW 3	WSW 4	swbyw 4.5	SW 4	SW 2	swbyw 3.5	WNW 3.5	NW 2	NW .5	NE 1	NE 1	N .5	1.4
28	SW 4.5	SW 6.5	SW 4.5	SW 5	SW 7	WNW 4	Calm	ESE 2.5	WSW 2.5	W .5	ENE 1.5	Calm	1.9
29	SW 1	SW 1	SW 3	SW 1.5	swbys 5	SSW 1.5	SSW 2	SSW 2.5	WNW 2.5	ESE 2	NNE 1.5	Calm	1.4
30	Calm	SW 2.5	SW 1	SSW 4	SSW 1	SSW 3.5	WSW 4	NNE 3	NNW 2.5	NNW 1.5	NW 2	NW 1.5	1.4
31	W 1	WSW 1.5	WSW 2	WSW 4	WSW 6	WSW 4.5	NNW 11	NEbyN 4.5	ENE 2	ENE .5	Calm	Calm	2.4
Mean	4.7	4.8	5	4.4	4.6	4	3.5	2.8	2.2	1.8	1.4	1.3	2.8

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	1	1. 5	4. 5	4	4	5	3	5	4. 5	3. 5	6	8. 5
2	13	8	8. 5	3. 5	1	3	2	1. 5	2. 5	5	25	22
3	1	1. 5	1. 5	. 5	1. 5	4	1	1. 5	6. 5	20	28	29
4	6. 5	2	2. 5	2	1	2	2	4. 5	10	19. 5	27	24
5	14	10	3	1	2	3	1	2	11	14	23	30
6	14	11	12	10	1	3	6	5	2. 5	1. 5	7	7
7	7	4	4	3. 5	2	3. 5	18	9	9	8	19	**30. 5**
8	3	1	1. 5	3	3. 5	1. 5	3. 5	4	13. 5	25	33	33
9	19	12. 5	19	17	26	29	29	27	34	26	**40. 5**	34. 5
10	7. 5	8. 5	8. 5	3	25. 5	20	12	18. 5	33. 5	16	21	30
11	3	3	17	20. 5	6	1. 5	6	19	25	25	27	28
12	14. 5	23. 5	23. 5	24. 5	9. 5	. 5	1. 5	13	11	12	12. 5	24
13	3	1	0	3	2. 5	2. 5	3	2	5	4	2	3
14	2. 5	. 5	1. 5	1	. 5	8. 5	10. 5	4	1	4. 5	7	10. 5
15	2	. 5	1. 5	1	2	3	1. 5	2. 5	4. 5	11. 5	17	**21**
16	1	2	0	1	2	1. 5	. 5	2	2	6	8. 5	8. 5
17	0	0	. 5	3. 5	2	4. 5	4. 5	7	7	5	9	2
18	. 5	0	1	. 5	2	0	4	5. 5	6	5. 5	8	5. 5
19	1. 5	1	1	. 5	2	2	. 5	1	5. 5	7	12	11
20	1	3	0	. 5	3. 5	3	2	5	8. 5	11	8. 5	12. 5
21	5. 5	5. 5	1. 5	. 5	8	14	17	21	**28**	26. 5	20	13. 5
22	9. 5	4. 5	3	3	13. 5	14. 5	7. 5	5	9. 5	22. 5	20	18
23	16	17	3. 5	3	1	1. 5	8	24	21	23	**30**	18
24	2	2. 5	2. 5	3	19	14	8	5	6	13	15	11
25	11	27	16	5. 5	3. 5	4	3	5	9	8	7. 5	21. 5
26	9	5. 5	3. 5	17	14	4	4. 5	5. 5	4	5	4. 5	11. 5
27	1	0	2	1. 5	. 5	1	1	3. 5	3	5	8	7
28	1	1	0	0	0	0	0	0	0	6	9	8
29	0	0	0	1	2	2	2	0	1	9	10. 5	6. 5
30	0	0	0	1	0	0	3	2	2	4	8	8
31	1	1	5	3	4	1	4	8	8	12	11	11
Mean	5. 5	5. 1	4. 8	**4. 6**	5. 3	5. 1	5. 5	7	9. 5	11. 7	15. 6	16. 4

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m*
1	8	7	8	10	10	7	8	4	4	2	2	6	6. 3	7	15
2	5	8	7	6	5	4	5	5	8	9	7	9	6. 5	3	50
3	10	10	7	7	6	4	9	8	7	6	6	5	7. 1	6	20
4	7	7	8	8	8	8	5	8	8	8	8	10	7. 8	6	20
5	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
6	10	9	10	10	10	10	9	9	9	9	9	10	9. 5	2	05
7	9	8	6	5	5	6	8	10	10	7	8	7	7. 4	5	05
8	9	10	9	10	10	10	10	10	10	9	9	9	9. 6	**0**	**00**
9	7	9	9	6	9	8	4	3	7	5	4	8	6. 6	7	25
10	8	10	10	10	7	10	9	10	10	10	10	10	9. 5	2	35
11	10	10	10	10	10	10	10	10	10	10	10	10	**10**	0	15
12	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
13	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
14	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
15	9	8	9	10	8	8	8	6	4	4	4	5	6. 9	7	30
16	8	8	6	4	4	3	3	3	5	7	9	8	5. 7	7	55
17	10	10	10	10	10	10	10	9	9	9	9	9	9. 6	0	10
18	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
19	9	8	8	7	6	7	8	9	10	10	10	10	8. 5	4	55
20	10	9	9	10	9	8	9	9	9	9	10	10	9. 2	1	30
21	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
22	10	10	10	10	10	10	10	10	10	10	9	9	9. 8	**0**	**00**
23	10	10	10	8	10	10	10	10	10	10	10	10	9. 8	1	00
24	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
25	9	9	9	7	5	5	7	8	8	8	8	9	7. 7	7	25
26	7	4	5	5	4	5	3	3	2	2	8	0	4	10	20
27	7	7	5	4	5	6	8	8	8	9	9	9	7. 1	8	00
28	8	8	7	8	5	3	5	3	7	9	9	10	6. 8	4	05
29	2	2	2	3	2	3	2	1	2	3	4	3	**2. 4**	**11**	**20**
30	4	5	4	7	7	8	5	6	8	8	9	10	6. 8	6	40
31	7	5	6	6	7	9	9	9	9	10	10	10	8. 1	3	10
Total														115	10
Mean	8. 5	8. 4	8. 2	8. 1	**7. 8**	**7. 8**	7. 9	**7. 8**	8. 2	8. 2	8. 4	**8. 6**	8. 2	3	43

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
11.5	18.5	20.5	20	**21**	17	15	11.5	9.5	11	12	13	9.6
24	25	**27**	**27**	18	10	14	11	6.5	2.5	2	1	11
30	26	22	23.5	22.5	22	18	13.5	5.5	2	1	5	12
26	25	27	**29**	25	26	19	17	16	19	15	8	14.8
31	25	20	18.5	20.5	19.5	24.5	26	27	18	14	12	15.4
9.5	12.5	24	25	31	19	**36**	23	9	2	2	4	11.5
20.5	17	21	9	19.5	22.5	23	16.5	4	3	.5	.5	11.4
35	31	30	31	32	23	25	28	25.5	25	9.5	13.5	18.1
35.5	35.5	**40.5**	31.5	29	33	26	5.5	5.5	14	10.5	11.5	**24.6**
28	21	**40**	28	19	13.5	10.5	5.5	3.5	.5	8.5	8	16.2
39	31	26	34	15	21	15.5	18.5	13	4.5	1.5	1.5	16.7
26	22	21.5	21.5	9	9	17	25	17.5	9	19.5	5.5	15.5
5	3	2	3	7	16	17	**19**	7	2	2.5	4	4.9
17	9	5.5	1	5.5	3	5.5	3	3.5	1.5	2	1	4.6
19	8	7	11	8	14	13	10	10	.5	2	1.5	7.2
12.5	15.5	16	**21**	18	16	5	7	5	5	0	0	6.5
6.5	7	7	8.5	**16**	11	2	1	2	1	1	1	4.5
6.5	**10.5**	9.5	6.5	4.5	4.5	1	2	1.5	5	4.5	5.5	4.2
13	**13**	8	4	4.5	2	2	1	1	1	2	2	**4.1**
10	10	11	17.5	**23.5**	13.5	9.5	1.5	2.5	6.5	8.5	6.5	7.5
21.5	23	13	10.5	10.5	10	9.5	11.5	8	6	9	10	12.6
26	22	18	17	16	24	20	22	15	16	11.5	11.5	14.6
23	19	23	18	17	26.5	3.5	3	5	4.5	1.5	2	13
13.5	35	**42**	31	27.5	24	18.5	11.5	9.5	11.5	3	2.5	13.8
27	29	29	29	**32**	26	20	12	10	12	12	4	15.1
26.5	20.5	22	25	**30**	25.5	19.5	15.5	5.5	1	3.5	1	11.8
9	11	16	**17**	9	9	11	8	4	1	1	1	5.4
10	15	18	**25**	20	23	16	2	14	5	2.5	2.5	7.4
9.5	11.5	11	12	**16**	13	9	11	12	8	3	2	6.3
12	12	12	11	12	9	8	**14**	5	4	2	2	5.5
11	12	9.5	11.5	14	17	18	**20**	10.5	1.5	1	.5	8.1
19.2	18.6	**19.3**	18.6	17.8	16.9	14.6	12.1	8.8	6.6	5.4	**4.6**	10.8

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1					5			2	2	4	3	4					4	231	4.1	
2						1	1	1		3	10	3					5	263	3	0.5
3							2		2	6	10						4	287	3.4	
4								1	2	10	6						5	355	3.6	1
5										7	10		1		1		5	370	1.7	42.1
6					1		1		3	2	11	3					3	277	2.8	.8
7	3	1		1				1	2		5	1	2	3	1		4	274.5	2	16.5
8						3		2			15	2					2	434	2.3	20.1
9								1	3	6	13						1	591.5	2.8	5.3
10	1						1	2	5	6	6	1					2	390	1.2	18.2
11									3	8	10						3	401.5	1.5	25.3
12		1					2	2		3	8	1	2	1	2		2	372.5	.3	53.8
13	4	5	3	3			1	2						1		1	4	118.5	.2	63.2
14				1			2			3	4		1	2			11	109.5	.2	4.4
15							6		2	1	3	3	1	3			5	172	2.5	
16		2	2						3	3	6						8	156	2.7	
17	3	1							1	2	7			1	3	2	4	109	1.1	2.2
18	2									3		2	3	1	2	2	9	100	.9	3.6
19				1	7	1	1		3	3	4	1					3	98.5	1.4	10.2
20			1	1	1				6	7	3						5	179	2	.3
21								4	5	9	4	2						303.5	1.3	8.8
22								1		7	5	6	2				3	349.5	1.1	39.8
23	4	1			1					1	6	6	2			1	2	312	1.2	18.4
24	1		1			1		4	1	5	6	3		1			1	330.5	.1	37.4
25							1	5	3	2	7	2	3				1	363	3.1	3.6
26						1		5	3	2	10	2					1	283.5	3.2	
27	1	1	4								2	5	1	1	2		7	130.5	3.6	
28	2			1		1					5	3	2	1	2		7	178	2.5	23
29		1		1	2	1				3	5	2		3			6	152	3.3	
30		3	1							4	2	3			2	2	7	131	3.3	
31	2		1	2								4	4	1	4	4	2	195.5	2.4	15.3
Total	23	16	13	11	17	9	18	33	49	110	186	59	24	19	19	12	126	8,018.5	64.8	413.8
Mean	0.7	0.5	0.4	0.4	0.5	0.3	0.6	1.1	1.6	3.5	6	1.9	0.8	0.6	0.6	0.4	4.1	258.7	2.1	13.3

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	757. 50	11. 00p.	**32.9**	3. 20p.	99	24. 1	754. 70	2. 25a.	24	5. 30a.	**60**	21. 4
2	58. 05	11. 00p.	32. 7	2. 35p.	96	24. 2	55. 40	2. 10p.	24. 6	5. 30a.	68	21. 2
3	58. 10	10. 05p.	32. 2	0. 30p.	97	**25.1**	55. 60	4. 05p.	24. 8	5. 35a.	72	23
4	58. 10	9. 40p.	32. 3	10. 40a.	99	24. 7	55. 45	3. 00p.	24. 9	5. 45a.	72	23. 1
5	59. 60	10. 20p.	31	11. 10a.	97	**25.1**	55. 95	4. 00a.	23. 6	9. 10p.	77	21. 7
6	59	10. 00p.	31. 5	1. 50p.	96	23. 8	56. 25	3. 35p.	23. 4	6. 10a.	69	20. 7
7	59	8. 55a.	30. 9	11. 50a.	98	24. 5	57	4. 15p.	24. 4	5. 05a.	72	22. 2
8	58. 35	0. 05a.	30. 4	2. 50p.	97	24. 4	55. 20	4. 10p.	24	0. 45a.	77	21. 8
9	57. 90	10. 20p.	32. 2	1. 45p.	97	**25.1**	54. 75	4. 30a.	**25.7**	10. 05p.	71	**23.4**
10	59. 55	10. 20p.	31	11. 40a.	97	24. 5	56	3. 20a.	24. 7	7. 55a.	76	21. 5
11	58. 95	10. 30p.	31. 5	11. 55a.	**94**	23. 4	57. 40	4. 20a.	24. 8	5. 40a.	71	22. 2
12	59. 40	10. 15p.	28. 5	2. 25p.	98	23. 5	56. 45	3. 40p.	22. 7	10. 25p.	83	20. 7
13	58	10. 25p.	**25.6**	3. 30p.	**100**	**22.8**	56. 20	4. 50p.	22. 8	4. 50a.	**95**	21. 2
14	58. 45	9. 50a.	27. 8	11. 05a.	98	23. 2	56. 50	2. 50a.	22. 7	2. 50a.	81	20. 5
15	59. 80	11. 00p.	30. 7	4. 15p.	99	24. 3	57. 10	3. 25a.	23. 4	5. 20a.	75	21. 7
16	59. 61	9. 00a.	32. 2	2. 50p.	99	24. 7	56. 77	3. 00p.	23. 8	5. 30a.	69	22. 1
17	59. 05	8. 20a.	30. 4	3. 50p.	98	24. 3	55. 50	4. 40p.	24. 6	5. 45a.	76	22. 3
18	56. 96	8. 00a.	29. 9	1. 10p.	96	24. 3	**54.40**	3. 15p.	24. 9	7. 30a.	79	22. 4
19	**56.85**	10. 00p.	31. 7	1. 20p.	99	24. 2	54. 50	1. 40p.	24. 3	11. 55p.	71	22. 2
20	57	9. 45p.	30	11. 05a.	99	24. 3	54. 55	3. 05p.	23. 9	3. 15a.	77	22. 4
21	57. 55	10. 00p.	28. 7	0. 20p.	96	23. 5	55	4. 40a.	25. 1	9. 30p.	81. 5	22. 4
22	58	8. 25a.	29. 5	10. 35a.	98	24. 5	55. 65	5. 15p.	24. 7	3. 30a.	81	22. 2
23	58. 25	10. 25p.	31. 3	10. 35a.	97	**25.1**	55. 50	5. 00a.	23. 9	5. 15p.	79	21. 2
24	58. 65	9. 45p.	28. 6	1. 05p.	98	23	56. 11	6. 00a.	24. 1	1. 30a.	80	21. 4
25	59. 65	10. 35p.	31. 5	1. 35p.	99	23. 4	56. 31	5. 00p.	23	5. 45a.	72	21. 3
26	59. 80	10. 15p.	31	2. 30p.	96	23. 1	57. 60	3. 50p.	24. 1	4. 30a.	71	21. 6
27	60. 55	10. 15a.	32	2. 10p.	99	23. 7	**58.40**	4. 30p.	24. 3	5. 25a.	64	21. 3
28	**61.15**	9. 40p.	32. 2	2. 35p.	99	23. 9	58. 30	3. 10p.	23. 7	7. 15p.	70	21. 7
29	60. 80	0. 05a.	32	4. 15p.	97	24. 1	57. 30	4. 15p.	23	5. 50a.	67	20. 5
30	59. 69	8. 00a.	32. 4	1. 50p.	99	24. 1	56. 90	4. 40p.	23. 8	5. 45a.	66	21. 2
31	59. 08	9. 00a.	31. 4	0. 35p.	98	**22.8**	56. 50	4. 45p.	**22.5**	9. 05p.	68	**20.3**
Mean	758. 79	--------	30. 8	--------	97. 7	24. 1	756. 10	--------	24	--------	73. 9	21. 7

DAILY GENERAL REMARKS.

1----p° 1.05 p. m.

2----Somewhat gusty SW winds in the forenoon and afternoon; d 7.29 p. m.

3----d in the early morning; somewhat gusty SW winds in the forenoon and afternoon.

4----Somewhat gusty SWly winds in the afternoon.

5----d in the morning; T° NNE, ●^{2} in the evening.

6----d in the early morning; somewhat gusty SW winds in the afternoon; p° in the evening.

7----d° in the morning; ● in the afternoon and evening.

8----● in the morning and afternoon with somewhat gusty SW winds.

9----Gusty SWly winds at intervals; ● in the evening.

10----⌒, T NE in the morning; ● in the morning, afternoon and night with some gusty SWly winds.

11----Gusty SWly winds in the morning and afternoon; d in the afternoon.

12----Rainy weather especially in the early morning with some gusts of W and SW winds.

13----Rainy weather; T SE and W quadrants in the morning.

14----< W, ⌒ early in the morning; ●° in the morning and afternoon.

15----d° at noon; < W in the evening.

16----[< E, N, d° in the afternoon, < N in the evening.

17----p 1.05 p. m.; < NNE in the evening.

18----d in the morning.

19----Convergence of Cirrus toward NE in the forenoon; ●, [< NE quadrant in the afternoon.

20----●° in the morning; d° in the afternoon.

21----p°, somewhat gusty SWly winds in the morning; ● in the afternoon.

22----● in the morning, afternoon and night.

23----● in the morning and evening; T N 5.30 p. m.

24----T SE quadrant 9.20 a. m.; ● in the morning, afternoon and night; gusty SWly winds in the afternoon.

25----● in the early morning; ⌒ in the morning; gusty SWly winds in the afternoon; d at night.

26----● early in the morning; somewhat gusty SW winds, ⌒^{2}, d° in the afternoon.

27----○ in the afternoon; < N in the evening.

28----<, ●^{2} in the evening.

29----[< at night.

30----Coloration of upper clouds at sunset; [< N in the evening.

31----[< NNW, ● in the evening.

OBSERVATIONS FOR SEPTEMBER, 1915.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	57.95	57.75	57.25	57	56.85	57.01	57.44	57.91	**58.21**	58.04	57.92	57.78
2	57.60	57.25	57.20	57.20	57.30	57.51	57.63	57.99	**58.15**	58	57.84	57.24
3	57.35	57.10	56.90	56.70	56.90	57.19	57.59	58.05	**58.10**	57.82	57.67	57.08
4	56.65	56.45	56.20	56.30	56.30	56.45	56.67	57.47	**57.52**	57.23	57.02	56.52
5	56.20	55.60	55.45	55.45	55.45	55.77	55.94	56.37	56.44	56.28	55.91	55.65
6	55.50	55.15	54.90	54.95	55.05	55.11	55.68	55.82	56.08	56.02	55.80	55.53
7	54.95	54.50	53.90	53.75	53.85	54.24	54.60	55.05	55.05	54.72	54.62	54.20
8	54.90	54.80	54.40	54.25	54.20	54.33	54.73	54.71	54.44	54.31	54.16	53.59
9	53.85	53.70	53.65	**53.55**	53.65	53.98	54.30	55.29	55.69	55.81	55.81	55.31
10	55.70	55.20	55.20	55.40	55.65	55.61	56.09	56.52	56.57	56.74	56.42	55.86
11	55.65	55.40	54.80	54.65	**54.60**	55.11	55.71	56.34	56.80	56.94	56.94	56.39
12	57.05	56.80	56.10	56.25	55.60	55.92	56.44	56.91	57.19	56.92	56.50	56.14
13	56.55	56.45	56.35	56.20	56.30	56.79	57.19	57.64	57.69	57.77	57.47	56.98
14	57.30	57	**56.95**	57.20	57.20	57.51	58.06	58.94	59.11	**59.39**	59.04	58.76
15	58.30	57.75	57.35	57.35	57.60	57.75	58.15	58.44	58.58	58.77	58.52	57.87
16	59.05	58.95	58.40	58.55	58.80	59.40	59.99	60.52	**60.61**	60.43	60.07	59.36
17	59.30	59.05	59	58.95	59.25	59.59	60.09	**61.09**	60.94	60.74	60.29	59.52
18	59.40	58.80	58.65	58.45	58.50	58.84	59.24	59.81	**60.09**	59.97	59.70	59.26
19	58.95	58.40	58.05	58	57.90	58.10	58.99	59.29	59.37	59.39	58.74	58
20	58.60	58.10	57.95	57.95	58.15	58.97	59.11	**59.72**	59.45	59.32	59.15	58.40
21	58.70	58.35	58.20	58.20	58.55	58.68	59.13	59.89	60.02	**60.38**	59.77	59.32
22	58.40	58.35	58.20	58.25	58.60	58.75	58.89	59.57	**59.63**	59.58	59.34	58.61
23	59	58.80	58.70	58.50	58.65	58.72	59.08	**59.37**	59.32	59.19	58.76	58.04
24	58	57.75	57.60	57.70	57.70	58.25	58.44	58.63	**59.02**	58.91	58.45	57.96
25	58.50	58.20	58.20	58.35	58.45	58.50	58.89	58.88	59.15	58.93	58.61	58.16
26	59.10	58.30	58.15	58.25	58.50	58.70	59.19	59.59	59.62	59.74	59.35	58.84
27	59.30	58.70	58.40	58.15	58.25	58.91	59.24	59.49	59.48	59.47	59.19	58.86
28	59.45	59.30	58.55	58.55	58.75	59	59.70	59.94	60.12	59.94	59.86	59.34
29	59.15	58.70	58.45	58.60	58.70	59.06	59.35	59.51	60	59.60	59.49	58.96
30	59.45	59.30	59.20	59.15	59.15	59.54	60.16	60.28	60.53	60.48	60.09	59.67
Mean	57.66	57.33	57.08	57.06	57.15	57.44	57.86	58.30	58.43	58.36	58.08	57.57

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.1	23.9	23.9	24	**23.8**	**23.8**	24.6	26.8	28.5	29.6	29.9	29.3
2	24.5	24.4	24.1	**23.9**	24	24	25.3	27.7	28.8	28.6	28.5	29.2
3	25.8	25.1	25	24.9	**24.4**	24.5	26.6	27.5	28.3	29	29.2	29.7
4	25.1	25	24.6	24.3	**24.1**	**24.1**	26.2	28	29	29.2	29.9	30.2
5	27.2	26.9	26.4	**25.3**	**25.3**	25.4	27.1	27	29	29.8	29.9	30.2
6	26.2	26.2	26	25.5	24.8	**24.5**	26.7	28.5	29	28.4	28.5	28.5
7	27	26.7	26.4	26.2	26.1	26.5	28.2	28.4	29.3	29.8	**30.5**	29.8
8	25.9	25.6	25.3	25.1	25.1	25.1	25.4	25.5	26.6	27.8	27.9	**29.7**
9	24.9	24.8	24.9	24.6	24.5	**24.4**	25.6	**26.2**	25.2	25	25.2	**26.2**
10	25	24.6	24.6	24.7	24.7	24.6	**24.5**	25	25.4	26	26.7	27.4
11	25.2	24.9	24.9	24.6	24.6	24.9	26.2	25.1	24.5	24.4	**24.1**	24.3
12	24	23.8	23.7	**23.6**	**23.6**	23.7	24.5	25.4	26.9	27.5	28.6	29.3
13	25.1	25.3	25.2	25.2	**24.9**	**24.9**	25.4	26.8	29	28.8	29.2	30.8
14	25.5	25.1	24.4	23.7	**23.2**	**23.2**	23.3	23.5	23.6	24	24.5	25.9
15	25.1	24.7	24.5	24.6	**24.3**	24.4	25	28	29.4	30.2	30.7	31.1
16	25.2	24.9	24.9	24.8	**24.6**	24.8	26.6	27.9	29	29.6	30	30.9
17	25.1	25	24.7	24.8	**24.5**	**24.5**	25.7	25.2	25.3	28.1	30.6	30.1
18	26.1	25.3	25.2	25	24.9	24.8	25.6	26.8	28.5	**29.6**	29.2	29.1
19	24.3	24.4	24.4	24.2	24.2	24.4	**24.1**	24.6	25	27	28.1	**28.7**
20	24.7	24.7	24.5	24.3	**24.2**	24.7	25.3	26.5	28	28.7	28	29.3
21	25.9	25.3	24.9	24.7	24.8	**24.5**	25.7	27.5	29.4	29.8	30.1	30.2
22	24.8	24.4	24.2	24.3	24.1	**23.7**	25.8	28	28.9	29.3	29.5	30.3
23	25.4	25.2	24.9	24.6	24.3	**24**	25.5	28.9	30.5	30.1	30.5	30.7
24	26	25.4	25.1	25.1	24.7	**24.5**	26.2	28.6	30	29.5	30.6	30.9
25	25.4	**25.1**	25.3	25.3	**25.1**	25.2	26	28.3	28.3	29.6	30.4	29.1
26	25.1	25	24.5	24.5	24.4	**24.3**	26.3	27.5	28.1	25.4	27.3	**30.3**
27	25.2	25.1	24.9	24.8	24.6	24.5	26.4	28.8	29.4	29	30	30.7
28	24	23.9	23.8	23.9	23.8	23.6	24.5	27.5	29.3	30.4	**30.6**	**30.6**
29	23.8	24	24	23.4	22.9	**22.7**	25.3	27.7	28.9	29.7	30.3	29.3
30	24.6	24.3	24.3	24.2	23.9	**23.4**	25.3	27.5	27.4	28.2	29.1	**30.1**
Mean	25.2	25	24.8	24.6	**24.4**	**24.4**	25.6	27	28	28.4	28.9	29.4

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
56.72	56.26	**56.21**	56.24	56.62	57.18	57.87	57.85	58.15	58.15	58.15	57.90	57.43
56.68	56.03	55.76	**55.66**	55.80	55.99	56.53	56.95	57.55	57.90	57.75	57.60	57.13
56.32	55.89	55.57	55.55	**55.37**	55.76	56.36	56.70	57.15	57.30	57.25	56.95	56.86
55.81	55.27	54.74	**54.66**	54.86	55.32	55.91	56.65	57.05	57.15	57	56.55	56.32
55.15	54.84	54.50	**53.97**	54.05	54.53	55.05	55.75	56.40	56.75	**56.80**	56.20	55.60
54.78	54.29	53.76	**53.73**	53.87	54.32	54.74	55.25	56.05	**56.10**	55.95	55.40	55.16
53.62	53.27	53.21	**53.18**	53.48	53.98	54.68	55	55.45	55.60	**55.70**	55.30	54.41
53.13	52.49	**52.14**	52.33	52.65	53.06	53.64	53.75	54.30	54.90	**54.95**	54.60	**53.95**
54.93	54.63	54.50	54.36	54.51	54.76	54.87	55.60	56.20	56.35	56.45	**56.60**	54.93
55.48	55.14	55.10	**54.86**	55.05	55.56	55.87	56.50	56.85	57.10	**57.15**	56.35	55.92
55.87	55.55	54.86	54.83	54.82	55.01	55.49	56.20	56.80	57	**57.05**	56.90	55.82
55.53	55.28	**54.81**	54.93	55.32	55.84	56.15	56.40	56.90	57.15	57.15	**57.20**	56.27
56.37	55.72	55.56	**55.41**	55.55	55.92	56.69	56.95	57.25	57.60	**57.80**	57.55	56.74
57.36	57.20	**56.95**	57.01	57.05	57.21	57.71	58.05	58.15	58.60	58.50	58.50	57.86
57.31	56.75	**56.46**	56.63	56.75	57.19	57.89	58.45	59	**59.85**	59.60	59.10	57.98
58.64	58.05	58.25	**57.62**	57.85	58.29	58.58	58.90	59.45	59.80	59.60	59.50	59.11
58.71	58.46	**57.98**	58.08	58.35	58.63	59.18	59.45	60.40	60.60	60.40	60.30	59.51
59.48	59.41	58.60	**57.23**	57.90	58.11	58.90	59.10	59.25	59.65	59.65	59.55	59.06
57.35	57.11	**56.81**	56.85	57.25	57.59	58.25	58.60	59.25	**59.45**	59.30	59.10	58.34
57.42	56.68	56.42	56.11	**56.10**	56.89	57.64	58.10	59.15	59.35	58.75	58.85	58.18
58.34	57.81	57.37	57.47	**57.15**	57.68	58.29	58.55	59	59	58.80	58.55	58.63
57.84	57.27	**57.10**	57.18	57.30	57.63	58.17	58.75	59.15	59.45	59.40	59.40	58.53
57.38	56.98	56.52	**56.20**	56.55	56.86	57.35	57.70	58.35	58.55	58.55	58.35	58.14
57.42	56.55	**56.24**	56.61	56.80	56.62	57.18	58.20	58.60	58.80	58.80	58.80	57.88
57.46	56.95	**56.66**	56.85	57.05	57.56	58.26	58.85	59.50	59.75	**59.80**	59.60	58.38
58.39	57.89	57.48	**57.18**	57.30	57.78	58.25	58.85	59.40	59.70	**59.85**	59.70	58.71
57.79	57.51	**57.20**	57.45	57.90	58.17	59.08	59.50	60.10	60.40	**60.70**	59.85	58.88
58.31	57.47	**57.45**	57.95	59.04	59.55	59.75	59.95	60.05	**60.25**	59.80	59.30	59.22
58.26	57.49	**57.04**	57.33	57.95	58.39	58.94	59.40	60	**60.10**	60	59.95	58.93
59.24	**58.66**	58.67	58.94	58.95	59.37	59.80	60.40	60.60	60.90	**60.95**	60.85	**59.76**
56.90	56.43	56.13	**56.08**	56.31	56.69	57.24	57.68	58.18	**58.44**	58.39	58.14	57.45

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
30.3	30.4	**30.6**	29.2	25.6	25.1	25.2	25	25.1	24.9	24.6	24.4	26.4
30.1	30.3	**30.8**	28.8	28.8	27.6	27.5	27.5	27.4	27.1	26.9	26.6	27.2
30.3	29.2	29.8	29.5	28.6	28	27.6	27.5	26.8	26	26.9	25.6	27.3
30.7	**30.7**	30.2	29.5	28.5	27.5	27.5	27.3	27.4	27.2	27.2	27.1	27.5
29.7	29.7	**30.7**	30	28.7	27.8	27.7	27.7	27.1	26.7	26.8	26.3	27.8
29.6	**29.8**	29.6	29.7	28.8	28.1	27.8	27.7	27.5	27.3	27.4	26.8	27.6
30.1	30	29.5	26.9	27	26.1	**25**	25.7	25.8	26.3	25.1	25.5	27.4
29.3	29.6	27	26.5	25.5	25.4	25.8	26	25.5	**25**	25.6	**25**	26.3
25.4	25.7	25.2	25.2	25.3	25.3	24.9	24.9	25.1	25.2	25.2	24.9	25.2
28.1	**29**	28	26.9	26.1	25.8	25.5	25.1	25.2	25.2	25.3	25.2	25.8
25.4	26.7	26.6	27.5	**27.7**	25.7	25	25.4	24.5	24.4	24.2	24.3	25.2
29.5	30.1	**30.4**	29.9	29.5	27.7	27	26.3	26.6	26.5	26.3	25	26.6
30.7	**31.4**	28.8	29.6	27.9	27.3	26.7	26.1	25.8	25.7	25.6	25.5	27.2
27.1	26.3	26.6	**27.8**	27.1	25.8	25.6	25.7	25.5	25.3	25.2	24.9	**25.1**
31.6	31.6	**32**	29.9	28.3	27.1	26.6	26.4	26.4	26.3	26	25.6	27.5
31.2	**32.2**	29.8	30.5	29.4	27.7	27	26.3	25.9	25.5	25.2	25	27.5
30.7	29	**30.8**	27.4	27	26.6	26.1	26	26	26.1	25.8	25.9	26.7
24.7	**24.3**	24.5	25.3	25.4	25	24.8	24.9	24.6	24.6	24.5	24.5	25.7
27.2	26.4	27.6	27.7	27.7	26.8	26	25.8	25.5	25.1	25.2	24.9	25.8
30.3	31.1	31.5	**31.7**	30.6	28.6	27.5	26.6	26	25.9	25.5	25.7	27.2
28	**32**	31.2	30.8	30.4	28	27.3	27	26.7	25.9	25.1	24.8	27.5
30.6	31	31.4	**31.7**	31.2	27.8	27.2	26.7	26.6	26.3	26.1	25.9	27.5
30.8	30	31	**31.4**	30.8	28.3	27.5	27.4	26.8	26.5	26.1	26.4	27.8
31.1	31	**31.7**	31.1	30.6	28.5	27.3	26.9	26.9	26.5	26	25.6	**27.9**
30.9	**31.2**	**31.2**	31	30.3	28.6	27.4	25.8	25.4	25.5	**25.1**	**25.1**	27.5
30.3	29.2	29.9	28.8	28.8	28.1	28	27.6	27.2	25.9	25.6	25.4	27
30.8	31.5	**31.6**	29.7	29.1	28.6	28.3	26.2	25.8	25.1	24.6	**24.2**	27.5
29.7	30.4	30.4	29.7	24.9	23.6	23.8	23.6	23.6	**23.4**	23.7	23.7	26.1
30.8	28.3	**31**	30.5	30	27.9	27.5	26.7	26.1	25.5	25.2	24.8	26.9
29.1	29.8	26.6	27.6	27.8	26.9	26.5	25.7	25.7	25.6	25.5	25.3	26.4
29.5	**29.6**	29.5	29.1	28.2	27	26.6	26.2	26	25.8	25.6	25.3	26.8

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	95	**97**	96	93	96	95	94	86	76	74	75	78
2	95	94	95	**96**	95	95	85	78	73	73	74	72
3	88	92	92	92	**94**	**94**	82	82	74.5	72	73	70
4	94	94	97	97	**98**	**98**	86	77	74	76	73	72
5	87	86	90	95	97	**98**	90	87	78	77	74	73
6	89	89	90	92	94	**96**	89	82	82	86	82	84
7	86.5	89	92	91	92	89	81	82	78	80	**75**	77
8	90	90	93	92	92	91	89	91	86	80	80	**73**
9	**97**	**97**	95	**97**	**97**	**97**	95	94	92.5	95	95	93
10	95	**97**	**97**	96	**97**	**97**	**97**	94	93	90	87	82
11	96	98	98	**99**	**99**	98	93	97	94	93	97	96
12	97	98	**99**	**99**	**99**	98	97	95	86	85	78	75
13	**98**	95	96	97	97	**98**	96	91	79	82	80	75
14	93	93	93	**97**	**97**	**97**	96	**97**	**97**	96	95	87
15	92	94	94	92	93	92	92	77	72	68	67	64
16	**98**	97	97	97.5	**98**	97.5	91	82	78	76	76	71
17	96	95	96	95	**97**	96	87	94	96	85	70	71
18	90	95	95	96	96	96	93	86	77.5	**72**	76	76
19	**97**	**97**	**97**	**97**	**97**	96	**97**	**97**	94	87	83	**80**
20	97	97	97	97	**98**	96	95	91	83	81	85	81
21	91	93	93	94	94	96	92	82	73	71	74	71
22	97	98	98	96	97	**99**	89	82	76	75	72	69
23	93	93	94	95	96	**97**	88	76	69	71	**67**	**67**
24	88	91	92	92	95	**96**	88	78	75	78	71	70
25	95	96	95	96	96	**97**	93	80	82	77	72	76
26	94	95	96	96	**97**	**97**	90	88	76	93	86	**70**
27	**98**	**98**	**98**	97	**98**	97	93	80	77	78	76	73
28	97	97	97	97	97	97	96	86	76	74	68	70
29	91	91	91	92	**95**	**95**	88	83	79	71	72	82
30	**96**	**96**	94	92	91	95	88	80	82	82	77	73
Mean	93.7	94.4	94.9	95.2	**96**	**96**	91	85.8	81	79.9	77.7	75.7

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.1	21.3	21.1	**20.7**	20.9	20.8	21.6	22.4	22	22.8	23.4	23.5
2	21.7	21.3	21.1	21.1	21	21	**20.4**	21.5	21.6	21.1	21.4	21.8
3	21.6	21.7	21.6	21.4	21.3	21.5	**21.1**	**22.4**	21.3	21.5	21.9	21.6
4	22.3	22.1	22.2	21.8	21.9	21.9	21.8	**21.7**	21.9	22.8	23	23
5	23.2	22.8	23.1	22.7	23.1	23.5	23.9	23.1	23.1	**24.1**	23.2	23.2
6	22.4	22.4	22.5	22.2	**21.9**	**21.9**	23.1	23.6	24.4	**24.8**	23.6	24.3
7	22.9	23.1	23.5	23	23	22.8	23	23.5	23.5	**24.9**	24.3	23.9
8	22.4	22	22.2	21.9	21.7	**21.5**	**21.5**	22	22.3	22.2	22.3	22.7
9	22.6	22.5	22.2	22.2	22	22.1	23.2	**23.6**	22	22.4	22.6	23.4
10	22.4	22.2	22.2	22.2	22.3	22.2	22.3	**22.1**	22.5	22.5	22.7	22.2
11	22.8	22.8	22.8	22.8	22.8	22.8	**23.4**	22.9	21.5	**21.2**	21.5	21.6
12	21.6	21.5	21.6	**21.4**	**21.4**	**21.4**	22	22.9	22.8	23.2	22.7	22.7
13	23.1	22.7	22.8	23	22.6	22.8	23.1	23.8	23.6	24.1	24	24.7
14	**22.4**	22.1	21.2	21	20.4	20.4	**20.3**	21	21.1	21.2	21.7	21.6
15	21.7	21.8	21.5	21.2	**21**	**21**	21.7	21.7	21.8	21.6	21.8	21.4
16	23.2	22.6	22.6	22.6	22.6	22.6	23.5	23	23.3	23.3	**23.9**	23.6
17	22.7	22.4	22.2	22.1	22	21.9	**21.3**	22.4	23	**24.1**	22.7	22.4
18	22.6	22.7	22.6	22.5	22.4	22.3	**22.8**	22.4	22.4	22.3	**22.8**	22.7
19	22	21.9	21.9	21.8	**21.7**	**21.7**	**21.7**	22.2	22.1	23.1	23.4	23.5
20	22.3	22.3	**22**	**22**	22.1	22.2	22.7	23.4	23.3	23.7	23.9	24.4
21	22.6	22.3	21.8	21.8	21.9	21.9	22.5	22.4	22.2	22	23.5	22.8
22	22.5	22.3	22.1	21.6	21.7	21.6	22	22.9	22.4	22.7	22.2	22.1
23	22.3	22.2	22	21.8	21.6	21.6	**21.4**	22.5	22.4	22.4	21.8	22.1
24	**21.9**	**21.9**	**21.9**	**21.9**	**21.9**	**21.9**	22.2	22.6	23.5	23.8	23.1	23.2
25	22.9	22.7	22.7	23	22.7	23	23.1	22.9	23.6	**23.8**	23.3	22.8
26	22.3	22.4	21.9	21.9	21.9	21.8	22.9	**24.1**	**21.4**	22.5	23.1	22.5
27	23.2	23.1	22.8	22.5	22.6	22.3	23.7	23.7	23.5	23.3	**23.9**	**23.9**
28	21.4	21.5	21.3	21.5	21.2	21.1	21.9	23.4	22.9	**23.7**	22.1	22.7
29	20	20.1	20.1	19.7	19.6	**19.4**	21.2	22.9	23.4	21.9	23.2	**24.8**
30	22	21.6	21.2	20.7	**20.1**	20.3	21	21.8	22.2	**23.2**	23.1	23
Mean	22.3	22.1	22	21.9	**21.8**	**21.8**	22.2	22.7	22.6	**22.9**	**22.9**	**22.9**

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
73	**71**	**71**	81	88	93	92.5	94	94	95	96	**97**	87.5
71	71.5	**71**	80	77	82	82	82	82	81	80	83	82
69	74	70	71	73	77	78	79	86	89	83	92	**81.1**
71	**70.5**	73.5	76.5	79	83	84	85	84	86	86	86	83.4
75	77	**70.5**	75	81	85	84	84	84	88	86	90	83.8
77	74	**72**	74	80	81	82	82	84	86	83	88	84.1
75	**75**	77	88	86	89	**96**	93	93	89	**96**	92	85.9
76	77	86	90	92	91	91	89	93	**94**	92	**94**	88
94	93	92	92.5	**91**	93	94	95	94	95	93	94	**94.4**
79	**76**	82	86	89	90	93	96	96	**97**	96	95	91.5
90	85	84	80	**79**	90	94	93	95	97	97	97	93.3
75	74	**73**	77	77	85	88	91	91	94	94	97	88.4
76	**72**	83	76	85	88	90	92	92	93	93	93	88.2
81	86	85	**81**	82	90	89	91	90	92	92.5	92	91.2
64	**62**	64	71	84	90	90	92	90	91	94	**96**	82.7
69	**63**	67	65	75	81.5	86	89	91	92	94	95	84.4
68	76	**67**	82	88	91	94	94	94	94	95	94	88.1
92	91	94	95	93	97	97.5	97	**98**	**98**	**98**	**98**	91.5
84	91	85	87	87	88	93	93	94	**97**	96	**97**	92.1
76	73	71	**68.5**	70	79	84	89	91	92	93	92	86.5
79	**59**	67	72	72	87	89	90	90	91	96	**97**	83.9
65	**64**	65	65	69	84	88	90	90	90	89	90	83.2
71	71	69	68	69	82	86	87	88	89	89	88	81.8
67	67	**66**	69	72	83	84	86	83	87	92	94	81.8
71	**69**	70	70	71	78	84	91	93	93	96	95	84.8
74	78.5	75	82	80	83	84	84	89	92	96	96	87.1
69	**65**	66	75	78	80	81	85	88	94	93	97	84.8
72	68	**66**	70	91	**98**	96	97	95	97	94	94	87.1
72	79	**66**	68	73	86	84	87	91	93	94	**95**	84.1
76	**71**	83	81	76.5	80	82	87	86	88	88	89	84.7
75	**74.1**	74.4	77.2	80.2	86.2	88	89.5	90.3	91.8	92.2	93.2	86.4

VAPOR PRESSURE (^{mm}).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
23.3	22.8	23.1	**24.4**	21.6	22.1	22	22.1	22.3	22.2	22	21.9	22.1
22.6	22.9	23.3	**23.4**	22.6	22.5	22.4	22.4	22.2	21.5	21.2	21.5	21.8
22.1	22.2	21.8	21.7	21.3	21.7	21.3	21.6	**22.4**	22.3	21.7	**22.4**	21.7
23.3	23.1	**23.4**	**23.4**	22.8	22.6	23	22.9	22.9	23	23	22.8	22.6
23.1	23.7	23.1	23.8	23.7	23.6	23.1	23.1	**22.4**	22.9	22.6	22.8	23.2
23.6	23.1	22.3	22.9	23.7	22.9	22.8	22.7	23	23.1	22.5	23	23
23.9	23.5	23.7	23.2	22.7	22.5	22.5	22.9	23.1	22.5	22.7	**22.2**	23.2
23.1	**23.6**	22.7	23	22.2	21.9	22.4	22.3	22.6	22.1	22.4	22.1	22.3
22.7	22.7	**21.8**	22	**21.8**	22.2	22	22.2	22.3	22.6	22.2	22	22.4
22.4	22.7	**23.1**	22.8	22.2	22.3	22.4	22.7	22.8	23	23	22.6	22.5
21.7	22.1	21.8	21.8	21.9	22.1	22.1	22.3	21.7	21.9	21.8	22	22.2
23	23.5	23.5	**24**	23.7	23.5	23.3	23.2	23.5	**24**	23.7	22.8	22.8
24.8	24.7	24.3	23.3	23.8	23.8	23.5	23	22.7	22.7	**22.5**	22.6	**23.4**
21.6	21.9	21.9	**22.4**	21.8	22.3	21.8	22.3	21.8	21.9	22	21.6	**21.6**
22.1	21.5	22.5	22.2	24	**24.1**	23.1	23.5	23.1	23.2	23.3	23.3	22.3
23.2	22.6	**20.7**	21	22.9	22.4	22.7	22.5	22.6	22.2	22.4	22.4	22.7
22.2	22.7	22.2	22.2	23.3	23.5	23.4	23.3	23.5	23.4	23.5	23.4	22.7
21.2	**20.6**	21.5	22.7	22.5	**22.8**	22.6	22.6	22.6	22.6	22.4	22.4	22.4
22.6	23.3	23.3	**23.9**	**23.9**	23	23.1	23.1	22.8	22.9	22.8	22.6	22.7
24.5	24.4	24.3	23.7	22.7	23	23	23	22.7	22.8	22.6	22.5	23.1
22.3	**20.9**	22.6	23.7	23.3	**24.3**	23.9	24	23.5	22.6	22.7	22.5	22.7
21.3	21.5	22.1	22.5	23.2	23.2	**23.6**	23.3	23.4	22.9	22.5	22.4	22.4
23.4	22.5	22.9	23.1	22.9	**23.6**	23.4	23.5	23	22.8	22.5	22.4	22.5
22.7	22.5	22.9	23.1	23.6	**23.9**	22.7	22.8	22	22.4	22.9	22.9	22.7
23.4	23.2	23.6	23.3	22.7	22.7	22.6	**22.4**	22.5	22.6	22.7	22.5	22.9
23.8	23.6	23.4	**24.1**	23.7	23.4	23.5	22.9	23.2	22.8	23.3	23.1	22.9
22.6	22.4	22.8	23.3	23.2	23.1	23.2	21.6	21.9	22.3	**21.4**	21.7	22.8
22.3	21.8	21.4	21.6	21.2	21.3	20.9	20.9	**20.5**	20.6	**20.5**	**20.5**	**21.6**
23.9	22.5	22.1	22.2	23.1	24	22.8	22.7	22.9	22.6	22.4	22.1	22.1
22.7	22	21.4	22.3	21.2	21.2	21	21.3	21.1	21.4	21.4	21.4	**21.6**
22.8	22.7	22.6	**22.9**	22.8	22.8	22.7	22.6	22.6	22.5	22.4	22.3	22.5

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu.	Cu.	Ci.-S.	Cu.	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
2	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. WSW	Ci.	Cu.	Ci.	Cu. WSW
3	A.-Cu. EbyS	Cu. WbyS	A.-Cu. EbyS	Cu. WbyS	A.-Cu. EbyS	Cu.	A.-Cu. EbyS	Cu. WbyS	A.-Cu. EbyS	Cu. WbyS
4	Ci.	Cu. W	Ci. E	Cu.-N. W	Ci. E	Cu. W	Ci.	Cu. W	Ci. E	Cu. W
5	--------------	Cu. WbyS	A.-Cu. ENE	Cu. WbyS	A.-Cu. ENE	Cu. WbyS	--------------	Cu. WbyS	--------------	Cu. WbyS
6	Ci.	Cu.-N. W	Ci. EbyN	Cu.-N. W	Ci.	Cu.-N. W	--------------	Cu.-N. W	Ci.-S.	Cu.-N. WSW
7	Ci.-S.	N.-cf. WSW	Ci.	Cu. W	--------------	N.-cf. W	A.-Cu.	Cu. WSW	A.-Cu. NNW	Cu.
8	--------------	Cu.-N. SW	--------------	Cu.-N. SSW	--------------	Cu.-N. SW	Ci.-S.	Cu. WSW	A.-Cu.	Cu. WSW
9	--------------	Cu.-N. SW	--------------	N.	--------------	N.	--------------	Fr.-N. SSW	--------------	Fr.-N. SSW
10	--------------	N. WbyS	--------------	Fr.-N. SW	--------------	Fr.-N. SW	--------------	Cu.-N. SW	Ci.-S.	Cu. SW
11	--------------	N.	--------------	N.	--------------	N.	--------------	N. WSW	--------------	Fr.-N. WSW
12	A.-Cu. E	Cu.	A.-Cu. E	Cu. NE	A.-Cu. E	Cu. NE	A.-Cu. E	Cu.	A.-Cu.	Cu.
13	A.-Cu. WbyN	Cu. SE	Ci.	Cu. SE	ci.-cu. NNW	Cu.-N. SE	A.-Cu.	Cu. SE	A.-Cu. WNW	Cu.-N. SEbyE
14	--------------	N.	--------------	N. SSW	--------------	N. SSW	--------------	N.	--------------	Cu.-N. W
15	A.-Cu. E	Cu.	Ci.	Cu.	A.-Cu. EbyS	Cu.-N. SE	Ci.	Cu. SE	Ci.	Cu. SEbyE
16	Ci.	Cu. E	A.-Cu.	Cu. E	A.-Cu. E	N.-cf. E	Ci.	Cu. E	Ci.	Cu. E
17	--------------	Fr.-N.	--------------	Fr.-N. EbyS	Ci.-S.	Cu. E	Ci.-S. SE	Cu.-N.	Ci.-S. SE	Cu. E
18	Ci.	Cu. E	A.-Cu.	Cu. E	Ci.-S. SEbyS	Cu. E	Ci.-S.	Cu.-N. E	--------------	Fr.-N. E
19	--------------	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	N.-cf.
20	A.-Cu. E	Cu. E	A.-Cu. NE	Cu.	Ci.-S.	Cu.-N. ENE	Ci.-S.	Cu.-N. NE	--------------	N.-cf. ESE
21	Ci. S	Cu. E	Ci. S	Cu. E	Ci.	Cu. ESE	Ci.	Cu. ESE	Ci.	Cu.-N. ESE
22	Ci.	Cu.	--------------	Cu. E	--------------	Cu. E	Ci.	Cu. E	Ci.	Cu. E
23	A.-Cu. NE	Cu.	A.-Cu. NE	Cu.	Ci.	Cu.-N. E	Ci.	Cu. E	Ci.	Cu.-N. E
24	Ci.	Cu. E	--------------	Cu. E	--------------	Cu.	--------------	Cu. E	--------------	Cu.
25	A.-Cu.	Cu. E	Ci.	Cu. E	--------------	Cu. E	--------------	Cu. E	Ci.	Cu.
26	A.-Cu. W	Cu.-N. EbyS	--------------	Cu.-N. E	--------------	Cu.-N. E	--------------	Cu.-N. E	A.-Cu.	Cu.-N. E
27	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.	Cu.	Ci.	Cu.
28	Ci.	Cu. SW	Ci.	Cu. SE	Ci.	Cu. SE	Ci.	Cu. SE	Ci.-S.	Cu.
29	Ci.	Cu. ESE	Ci.	Cu. ESE	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
30	Ci.	Cu.	Ci. SE	Cu.	Ci.-S.	Cu. E	Ci.	Cu. ESE	Ci.-S.	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S. NEbyE	Cu.	Ci.-S. NEbyE	Cu.	Ci.-S. NEbyE	Cu.	Ci.-S.	Cu. E	--------------	Cu.-N.
2	--------------	Cu. WSW	Ci. NE	Cu. WSW	A.-Cu. NW	Cu. WSW	Ci.	Cu. WSW	Ci. NE	Cu. WSW
3	A.-Cu. E	Cu.-N. W	--------------	Cu.-N. W	Ci. NWbyW	Cu.-N.	--------------	Cu.-N. Wbys	A.-Cu. NWbyW	Cu.-N. W
4	Ci.	Cu. W	Ci. EbyN	Cu. W	Ci. EbyN	Cu.	Ci.	Cu. W	Ci. EbyN	Cu.
5	Ci.	Cu. WbyS	Ci.-S.	Cu. WbyS	--------------	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.
6	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW	Ci.	Cu. WSW	Ci.	Cu. WNW	Ci.	Cu.
7	A.-Cu.	Cu.-N. WSW	A.-Cu. NW	Cu.-N. WSW	--------------	Cu.-N. WSW	--------------	Cu.-N. WSW	--------------	Cu.-N. WSW
8	Ci.-S.	Cu.-N. WSW	--------------	N.-cf. WSW	--------------	Cu.-N. WSW	--------------	N. WSW	--------------	N.
9	--------------	Fr.-N. SSW	--------------	N. SSW	--------------	N.	--------------	Fr.-N. SW	--------------	Fr.-N. SW
10	Ci.-S.	Cu. SW	--------------	Cu.-N. SW	Ci.-S.	Cu. SW	--------------	Fr.-N. WSW	Ci.-S.	Cu. SW
11	--------------	Fr.-N. WSW	A.-Cu.	Cu.-N. WSW	A.-Cu. E	Cu.-N. WSW	A.-Cu. EbyS	Cu.	A.-Cu. Ebys	Cu.-N.
12	A.-Cu. NE	Cu. NW	Ci.-S.	Cu.	Ci.-S.	Cu.	A.-Cu.	Cu. WSW	A.-Cu.	Cu. WSW
13	Ci.	Cu. SE	Ci.	Cu. SE	--------------	Cu.-N. E	--------------	Cu.-N. ESE	--------------	Cu.-N. ESE
14	Ci.-S.	Cu. ENE	--------------	Cu.-N. EbyN	Ci.-S.	Cu.	A.-Cu. ESE	Cu.	A.-Cu. Ebys	S.-Cu.
15	--------------	Cu. SE	--------------	Cu. SE	--------------	Cu. SE	A.-Cu.	Cu. SE	--------------	Cu. SE
16	Ci.	Cu.-N. E	Ci.	Cu.-N. E	Ci.	Cu.-N. E	Ci.	Cu.-N. E	Ci.-S.	Cu.-N. E
17	--------------	N.-cf. E	--------------	N.-cf. E	Ci.-S.	Cu.-N. E	Ci.	Cu. E	Ci.-S.	Cu. E
18	--------------	N. E	--------------	N. E	--------------	N. ESE	--------------	Cu.-N. E	--------------	Cu.-N.
19	--------------	Cu.-N. E	--------------	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu. E	Ci.-S.	Cu.
20	--------------	Cu.-N. ESE	Ci.-S.	Cu.-N. ESE	Ci.-S.	Cu. ESE	Ci.	Cu. ESE	Ci.	Cu. E
21	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. ESE	Ci.	Cu. ESE
22	Ci.	Cu E	Ci. S	Cu.	Ci. S	Cu. E	Ci.	Cu. E	--------------	Cu.-N. E
23	--------------	Cu. E	Ci.	Cu. E	Ci.	Cu. E	--------------	Cu. E	Ci.	Cu. E
24	--------------	Cu.-N. ESE	Ci.	Cu.	--------------	Cu. ESE	Ci.	Cu.-N. ESE	Ci.	Cu.-N. E
25	Ci.	Cu. E	Ci.	Cu.-N. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.-N. E
26	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu.
27	--------------	Cu.	Ci.	Cu. E	--------------	Cu.-N. E	Ci.-S.	N.-cf. E	Ci.-S.	Cu. E
28	Ci.-S.	Cu. SE	A.-Cu. E	Cu. SE	A.-Cu. E	Cu.	A.-Cu.	Cu.-N. ESE	--------------	Fr.-N.
29	Ci.	Cu. E	Ci.	Cu.-N.	Ci.-S.	Cu. E	A.-Cu. ENE	Cu. E	A.-Cu.	Cu. SE
30	A.-Cu.	Cu. E	Ci.	Cu.-N. E	--------------	Cu.-N. E	--------------	Cu.-N. E	Ci.	Cu.-N. ESE

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	Calm	Calm	Calm	NNE 1.5	NNE 1.5	NE 0.5	NE 0.5	Calm	SSE 0.5	S 1	SSW 3	SW 1.5
2	N 1.5	N 1.5	Calm	N .5	N .5	NNE .5	N .5	NNW 1.5	WNW .5	W 4	W 4.5	SSW 3
3	NNE 2.5	NE .5	N 0.5	N 1.5	N .5	NNE .5	NNW 1.5	NW 2	WNW 3	W 2.5	W 2.5	W 2.5
4	NNE 1.5	ENE 1	NE 1	NE 1.5	NE .5	Calm	Calm	WNW 1.5	W 1.5	SW 1.5	SW 3	SW 2
5	SSW 3	S 3	NW 1.5	NNW 2.5	SSE 1.5	Calm	N .5	Calm	Calm	SW 2.5	WSW .5	SW 6
6	SW 3.5	SW 3.5	SW 1.5	Calm	Calm	Calm	Calm	SSW 2	S 1.5	SSW 3.5	SSW 12	SSW 8
7	WSW 4	W 4	WSW 1.5	W 2	SW 2.5	SW 4.5	SW 2.5	SbyW 3	WSW 4.5	SW 4	SW 7	SW 7.5
8	WSW 9	SW 9	SSW 8	SSW 5.5	SSW 8	SW 9	SW 10.5	S 1.5	SSE 1	S 1	SSW .5	SW 7.5
9	SW 1.5	S 2	S 1.5	Calm	SE 2	SSE 2	SbyW 1	S .5	Calm	WNW 1.5	SSW 3.5	SE 3
10	SSE 1.5	S 1	SSE 1.5	SE 2.5	SSE 3	S 2	S 2	S 2	SSW 4	S 1.5	SSW 3	SSW 4
11	S 1.5	S 2	S 1.5	Calm	Calm	Calm	SW 5	NNW 4.5	Calm	NNW 3	Calm	Calm
12	SW 5.5	SW 1.5	WNW .5	NE 1.5	ENE 2	Calm	Calm	Calm	SSE 4	W 1.5	WSW 1.5	SW 2
13	SSE 1.5	SSE 4	Calm	SSE .5	SE 1	SE 1	Calm	Calm	Calm	SSE 1.5	SSE 3	S 2
14	SSE 2	S 5.5	SE 1.5	E 3	E 2.5	E 1	ENE 1.5	ESE .5	ESE .5	Calm	Calm	ESE 1
15	SSE .5	SSE 1.5	SE 1	SE 1	ENE 1.5	Calm	Calm	Calm	E 1	ESE 2.5	ESE ·3.5	ESE 1
16	S 1.5	S 1.5	Calm	Calm	Calm	Calm	Calm	Calm	WNW 1	WSW 1	WSW 1	SW 3.5
17	Calm	Calm	ENE .5	Calm	Calm	Calm	Calm	EbyN 3	NE 3	N 1	NNW 1	NW 2.5
18	N 1.5	N .5	N 1.5	N 2	N 1	NE .5	Calm	Calm	N 1	Calm	Calm	SW 1
19	Calm	NE .5	Calm	Calm	NE .5	NEbyN 2	E 1	Calm	Calm	Calm	SE .5	SW 1.5
20	Calm	Calm	Calm	N .5	E .5	ESE 1	Calm	E .5	ESE .5	ESE 1	WNW 1	SW .5
21	N 3	NW 1	N 1	N 1	NE 1	Calm	Calm	Calm	SW 2	SW 1.5	SW 1.5	WSW 2.5
22	N 1	N 1.5	NE .5	N 1	N .5	NNE 1	NNE .5	Calm	NW 1.5	W 2	WNW 3	WNW .5
23	NE 1	NE 1.5	NE 1	NE 1	NE .5	Calm	Calm	Calm	Calm	SW 1.5	SW 3.5	WSW 5
24	N 1	N 1	N .5	N 1	N .5	NE 1	NE 1	ENE .5	SbyE 2	SSW 1.5	SSW 3.5	SW 1.5
25	NE 2	NE .5	Calm	NNW 1	W 2.5	Calm	Calm	Calm	WNW 1	WSW 1.5	WSW 2.5	WSW 2.5
26	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	ESE 2.5	Calm	Calm
27	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSE 2	SW 1	SW 1.5	SW 2.5	WSW 1.5
28	Calm	Calm	Calm	SE 1.5	SE .5	SE 1	Calm	ESE 1.5	ESE 1	ESE .5	ESE .5	SSW .5
29	NW 1	NNE 1.5	NNE 2	NE 2.5	NE 1	NE 1	Calm	NE .5	E 1	E 1.5	ESE 1	NW 2.5
30	Calm	Calm	N 1.5	NE 1.5	N 1.5	Calm	Calm	NE .5	NE 1	Calm	WSW 1	WSW 2
Mean	1.7	1.6	1	1.2	1.2	1	0.9	0.9	1.3	1.6	2.3	2.6

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WSW 3	SW 4.5	swbyw 5	WSW 5	NWbyW 6.5	SW 1	Calm	SE 0.5	SE 0.5	SE 0.5	Calm	SE 0.5	1.5
2	SW 6	SW 5.5	SW 6.5	SSW 5	SSW 6.5	SSW 7.5	SW 4	SW 4.5	WSW 7	W 4	WSW 2.5	W 2	3.3
3	WSW 3.5	SW 3.5	SW 3	WSW 1	SW 1.5	WNW 3.5	SW 2.5	W 3	W 1.5	NW 1	SSW 3	S .5	2
4	SSW 1.5	SSW 4	SSW 4	SSW 5	SSW 8	SSW 4	SSW 3.5	SW 5.5	SW 5.5	SW 5.5	SSW 5.5	SW 4	3
5	WSW 6.5	WSW 7.5	WSW 7.5	WSW 7	WSW 6.5	WSW 5	SW 3.5	SW 4.5	SW 4	S 2.5	SSW 3.5	SW 5.5	3.5
6	WSW 8	WSW 8.5	WNW 4.5	WSW 5	WSW 6.5	WSW 8	WSW 6	WSW 6.5	WSW 6.5	W 4	W 5.5	WSW 5	4.6
7	SW 7	SW 11	SW 8	SW 10	SW 8	SSW 6	SSW 5	SW 8	SW 3.5	SSW 8	SSW 9	WSW 6	5.7
8	SW 7	SW 5.5	SSW 6.5	SW 9	SSW 8	SW 8	SSW 7	SSW 4	SE 2	WSW 9	SW 4	SW 3	6
9	SSE 3	S 2	SSE 7	S 5	SSW 5	SSE 3.5	SE 2	SSE 1.5	SSE 2	SSE 4	SSW 3	SSE 3	2.5
10	SSW 3	SSW 2.5	swbys 8	SW 5.5	swbyw 7	SSW 5	S 2	S .5	S 2.5	S 2	S 4.5	S 4	3.1
11	WNW 1	Calm	Calm	Calm	Calm	Calm	Calm	SW 2.5	Calm	SW .5	SW .5	Calm	.9
12	Calm	SW 1.5	SW 4.5	SW 6	WSW 4.5	W 4	W 3	SSW 2.5	S 2.5	SSE .5	Calm	SSE 2.5	2.1
13	SSW 2	SW 1	SW 6	SSW 3.5	S 2	SSW 3.5	Calm	ESE 3	E 2.5	E 1.5	E .5	NE .5	1.7
14	Calm	Calm	S 2.5	SSW 1	SSW .5	Calm	Calm	SSE .5	Calm	SSE .5	SSE .5	SSE .5	1
15	ESE 3.5	ESE .5	ESE 2.5	ESE 2	SW 1	SW 2	Calm	SW 1.5	SW 2	SW 2	Calm	Calm	1.3
16	WSW 1.5	WSW 5.5	NNE 4	NE 1.5	NE 1	ESE 2.5	Calm	E 1.5	E 1.5	Calm	Calm	Calm	1.2
17	WNW 2.5	NW 5	NW 1	NNW 1.5	NE .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.9
18	NNE 1.5	NNE .5	NE .5	Calm	E 1.5	Calm	Calm	Calm	Calm	Calm	Calm	NE .5	.6
19	NW 6	W .5	WNW 2	WNW 2	WNW 1.5	N .5	N 1.5	N 1.5	N 1	N .5	Calm	Calm	1
20	Calm	SW 2	SW 2	ESE 1.5	ESE 1.5	Calm	NNE 1	NE 2	NE 1	NE .5	NE .5	N 1	.8
21	NNE 1	NNW 1.5	E .5	SE 1	ESE 1	Calm	Calm	Calm	E 1.5	Calm	Calm	Calm	.9
22	W 4.5	WSW 2	WSW 3.5	SW 1.5	Calm	NNE 2	Calm	NE .5	NE .5	NE 1	NE .5	NE .5	1.2
23	SSW 1.5	SSE 2.5	SSW 2	SSW 1	Calm	SW 1	Calm	Calm	E .5	Calm	NW .5	NW .5	1
24	NE 3.5	NNE 1.5	W 1.5	SW 2	SW 1	SW 1	Calm	SE 2.5	SW 5	S 1.5	S 2.5	N .5	1.6
25	SSW 2.5	SW 4	SW 4	SW 4	SW 3.5	SW 4.5	SE 3.5	ENE 2	NE 2	Calm	NE 1.5	NNE 1.5	1.9
26	Calm	Calm	SW 4	SW 2	SW 2	Calm	SSW 1.5	WSW 2	WNW 2	NNE 1.5	E 1.5	E .5	.8
27	WSW 2	SW 4	SSW 3	SSW 3	SSW 1.5	SSW 3	SSW 2	NE 2.5	NE 1	SE 2	SE 4	Calm	1.5
28	Calm	W 1	W 1.5	SW 3	E 8	ESE 2	NE 2	NE .5	NE 2	NE .5	Calm	Calm	1.1
29	WbyS 3.5	NE 2.5	Calm	SE 3	SE .5	SSE .5	ESE .5	E 1	E 1	E .5	E .5	Calm	1.2
30	WSW 2.5	WSW 2	Calm	Calm	ENE 1.5	ESE 1	Calm	E 1.5	Calm	Calm	NW .5	Calm	.8
Mean	2.9	3.1	3.5	3.2	3.2	2.6	1.7	2.2	2	1.8	1.8	1.4	2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	0	0	1.5	2.5	2	2	2	1.5	2	3	8	9
2	3	4	1	0	0	1	.5	4	2.5	5	9.5	8
3	8	1	0	2.5	.5	0	4	7	7	8	**14**	**14**
4	5	3	4	4.5	4.5	3	3	3	6	7	9	8
5	19	14.5	10.5	4.5	3	2.5	1.5	2.5	10	15	15	23
6	17	14.5	8	5	4	2	1	6.5	12.5	16	26	28
7	16	17	7	8.5	10.5	16	16	13	18	17	27	28
8	24	32	33	25	24	**36**	33	20.5	3	3.5	11	19
9	5.5	4.5	7	2.5	5.5	5	5	3	7	2	10.5	6.5
10	6	1	4.5	7	11	12.5	12	11.5	11.5	9	18	12
11	9	5	6	2.5	.5	3	10	**15**	8	6	9.5	.5
12	5	8	1	3.5	9.5	1.5	.5	.5	6	7.5	8	8.5
13	6	14	7	1	3	5	5.5	6.5	5	3	8	6.5
14	8.5	**15**	12	6.5	6.5	2	7	9	7.5	5	3.5	6
15	0	1.5	3.5	3	4	2	3	4.5	6	6.5	11	9
16	2	4.5	5.5	3	1	1.5	1	1	4	5.5	8.5	8
17	0	0	.5	.5	.5	.5	3.5	6.5	6	8.5	6.5	10.5
18	0	0	.5	.5	.5	.5	.5	0	1	1	2	1.5
19	.5	1	.5	.5	1	3	1	1	.5	1	1.5	4.5
20	0	1.5	0	0	0	.5	.5	1	.5	0	5	6
21	1	7	.5	1	1.5	1	.5	0	3	5.5	8	9
22	1.5	1.5	2	3.5	2.5	3	4	3	4.5	7.5	12.5	11
23	.5	0	0	0	.5	0	0	0	.5	5	9	**12**
24	7	6	4.5	3.5	2	3	6	4	5	7	11	11
25	5.5	2	0	3.5	5.5	2	2	1	2	7	7	11
26	2	0	1	0	0	.5	.5	0	0	6	3	2.5
27	.5	0	0	0	.5	1	0	2.5	4.5	3	7	10
28	1.5	1	0	2.5	4	2	3	4	5.5	4.5	3.5	4
29	3	4	6	6.5	4.5	4	1.5	1	2	3	4.5	4.5
30	0	3	4.5	5.5	6.5	5	0	.5	2	.5	3.5	7.5
Mean	5.2	5.6	4.4	**3.6**	4	4	4.3	4.4	5.1	6	9.4	10

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	8	9	7	8	9	8	9	9	9	9	10	10	8.8	4	40
2	4	4	5	7	7	7	7	6	6	8	8	6	6.2	9	10
3	8	9	9	9	9	9	8	9	8	10	10	10	9	3	40
4	6	6	8	7	6	7	4	3	7	9	9	9	6.8	8	00
5	9	9	5	4	9	9	10	10	7	6	5	5	7.3	5	45
6	8	9	9	8	9	9	8	7	8	5	5	9	7.8	8	05
7	5	8	7	9	7	5	6	9	10	10	10	10	8	5	50
8	10	10	10	10	9	9	10	10	10	10	10	10	9.8	1	30
9	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
10	10	10	10	10	10	9	9	10	9	10	9	10	9.7	0	30
11	10	10	10	10	10	10	10	10	10	9	9	8	9.7	**0**	**00**
12	9	8	9	8	5	4	6	5	3	8	5	7	6.4	6	15
13	10	9	7	9	9	9	6	5	9	10	10	8	8.4	5	45
14	10	10	10	10	10	10	10	9	7	6	5	6	8.6	0	35
15	10	6	8	10	9	7	6	5	7	6	4	6	7	7	30
16	4	5	8	8	6	3	8	9	9	10	10	10	7.5	6	00
17	10	10	10	10	10	9	9	9	9	8	7	8	9.1	4	50
18	9	9	9	10	10	10	10	10	10	10	10	10	9.8	**0**	**00**
19	9	10	10	10	10	10	10	10	10	10	10	10	9.9	**0**	**00**
20	8	8	9	10	10	10	8	8	8	7	7	10	8.6	5	25
21	8	9	9	9	7	9	6	7	8	7	4	10	7.8	6	40
22	2	1	3	3	3	3	7	5	6	8	8	9	**4.8**	**10**	**15**
23	3	3	4	8	9	8	6	6	3	3	5	5	5.2	9	40
24	6	2	3	2	2	3	7	4	6	8	8	8	4.9	8	50
25	8	3	4	4	4	5	7	7	7	7	7	10	6.1	8	50
26	8	10	9	10	9	10	8	8	7	8	8	5	8.3	2	25
27	9	8	9	7	4	4	2	3	5	8	8	10	6.4	7	30
28	8	5	6	5	7	9	9	10	10	9	10	10	8.2	4	05
29	3	3	7	8	8	8	8	8	6	6	6	10	6.8	8	20
30	2	2	5	7	6	7	8	8	8	10	10	9	6.8	3	05
Total														153	10
Mean	7.5	**7.2**	7.6	8	7.8	7.7	7.7	7.6	7.7	8.2	7.9	**8.6**	7.8	5	06

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
10	13	23	22	27	5	1	0	0	1	0	0	5.6
11.5	23	23	22	25	23	25	22	25	21	15	9	11.8
14	13	13	10	8	9	11	13	4	2.5	7.5	6	7.4
11	14.5	24	25	26	25	22	24	21	19	21	20	13
29	21	22	22	20	21	17	20	19	13.5	11.5	24.5	15.1
31	33	28	25	26	29	26	24	25	20	15	20	18.4
32	33	31	31	36	24	18	34	19	17	20	26	21.5
30	23	26	21	22	30	21	14.5	9.5	13	24	16	21.4
10	13	14	16	14.5	16.5	7	4.5	6	12.5	16	9	8.5
20	13	25	28	30	23	11	4.5	2.5	11	9	14	12.8
2	.5	.5	0	0	0	0	3.5	9.5	1	1.5	.5	3.9
5	3	15	15	22	24	12.5	12.5	9.5	3	0	5.5	7.8
9.5	13	17	15.5	16.5	10.5	9.5	8.5	8.5	5.5	2.5	2.5	7.9
2.5	1.5	5	5	3.5	2	.5	1.5	1	0	1	.5	4.7
8	5	11	11.5	10.5	8.5	6	6	6	7	2.5	1.5	5.7
9	8.5	20	14.5	4.5	3.5	4	4	1	1	0	0	4.8
18	13	15	11	5	0	0	.5	0	0	0	0	4.4
13.5	7	.5	.5	4	2.5	.5	0	0	0	0	1.5	1.6
10	7	8.5	7	5	6	3.5	5	3	0	0	0	3
6	7.5	8.5	7.5	8	5.5	2.5	4.5	2	0	0	1.5	2.9
7	1.5	2.5	6	10	2	1	0	3	3	0	0	3.1
16	14	12	5	3	4.5	.5	.5	.5	.5	.5	1	4.8
11	12	11	7	6	1	3	2	5	2	1	6	3.9
9.5	5.5	3.5	5.5	1	1.5	5	5	15.5	8	4.5	2	5.7
10.5	13.5	17	18	18	17	16	5.5	5.5	3	4	2	7.4
11	10	11	11.5	11.5	9	9	6	6.5	7	3.5	1.5	4.7
13	13	19	13	13	13	5.5	7.5	7	2.5	10.5	10	6.5
4	7	7	9	20	13	4	3	2.5	4	0	2	4.6
10	5.5	4	2.5	4	3	6	3	2.5	2	1	2	3.8
9.5	9.5	7.5	3.5	4.5	6	5	1.5	4	2	1.5	0	3.9
12.8	11.9	14.2	13	13.5	11.3	8.4	8	7.4	6.1	5.8	6.2	7.7

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1		2	2				4	1	1	1	3	3			1		6	135.5	2.3	7.3
2	5	1								4	5	2	4	1		1	1	283	4.3	------
3	3	2	1						1	1	4	2	5	2	2	1		177	3.6	------
4		1	3	1						8	7		1	1			2	312.5	3.6	5.1
5	1							1	2	2	6	7			1	1	3	361.5	3.7	.1
6									1	4	3	9	2	1			4	442.5	4.4	------
7										5	13	4	2					515	2.3	67.6
8							1	1	2	8	10	2						514	1.2	47.6
9						1	2	8	5	4	1			1			2	203	0	85.6
10							1	3	11	6	2	1						307	1.1	11.8
11									3		4			1		2	14	94	0	103.3
12			1	1				3	1	1	6	3	2	1			5	186.5	2	4.5
13			1		3	1	2	5	2	3	2						5	189.5	1.7	46.9
14				1	3	3	1	5	2	2							7	112.5	.6	23
15				1	1	7	2	2			5						6	137.5	3.1	.2
16		1	2		2	1			2		1	4		1			10	115.5	2.8	------
17	1		2	1	1									1	3	2	13	106	1.8	2.5
18	6	2	3		1						1						11	38	.6	8.9
19	5		3		1		1				1		1	3	1		8	71	.5	8.1
20	2	1	4		2	5					3			1			6	68.5	2.4	------
21	3	1	1		2	1	1				3	1			1	1	9	74	2.5	5.8
22	4	3	6								1	2	2	2	1		3	114.5	3.4	------
23			5		1			1		3	3	1			2		8	94.5	3.2	------
24	6	1	3	1			1		3	2	5		1				1	136.5	3.2	8.1
25		1	4	1			1			1	5	3	1	1		1	5	178.5	3.1	4.1
26		1			2	1				1	3	1		1			14	113	1.5	2.6
27			2				2	1		5	4	2					8	156	3.4	------
28			4		1	5	3			1	1		2				7	111	2.2	35.3
29		2	5		6	2	2	1					1		2		3	90	2.6	------
30	2		3	1	1	1						4			1		11	93	2	.3
Total Mean	38 1.3	19 0.6	55 1.8	8 0.3	27 0.9	28 0.9	24 0.8	32 1.1	36 1.2	62 2.1	102 3.4	51 1.7	24 0.8	18 0.6	15 0.5	9 0.3	172 5.7	5,531 184.4	69.1 2.3	478.7 16

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	758. 25	8. 40a.	32	3. 45p.	97	24. 4	756. 05	4. 15p.	23. 7	5. 40a.	71	20. 7
2	58. 15	9. 00a.	31. 7	2. 50p.	96	23. 4	55. 55	4. 35p.	23. 7	4. 30a.	71	20. 4
3	58. 10	9. 00a.	31. 5	3. 40p.	**94**	**22.4**	55. 30	4. 45p.	24. 3	4. 55a.	69	21. 1
4	57. 65	8. 40a.	32	2. 25p.	98	23. 4	54. 60	3. 55p.	23. 8	5. 30a.	70. 5	21. 7
5	56. 80	11. 00p.	31. 4	3. 05p.	98	24. 1	53. 75	4. 20p.	24. 4	4. 20a.	70. 5	22. 4
6	56. 15	9. 15p.	31	3. 15p.	96	24. 8	53. 70	4. 05p.	24. 4	5. 55a.	72	21. 9
7	55. 70	11. 00p.	31. 4	10. 50a.	96	**24.9**	53. 15	3. 25p.	24. 5	6. 55p.	75	22. 2
8	**55.25**	0. 05a.	30. 6	0. 40p.	**94**	23. 6	**52.05**	3. 20p.	24. 4	4. 50a.	73	21. 5
9	56. 60	Midnight	**27.1**	0. 10p.	97	23. 6	53. 50	3. 45a.	24. 3	5. 35a.	**91**	21. 8
10	57. 30	10. 45p.	29. 6	1. 50p.	97	23. 1	54. 65	3. 40p.	24	2. 40a.	76	22. 1
11	57. 20	10. 35a.	28. 5	4. 15p.	**99**	23. 4	54. 50	4. 15a.	23. 8	10. 50a.	79	21. 2
12	57. 40	10. 20p.	31. 8	2. 40p.	**99**	24	54. 75	3. 05p.	23. 3	4. 35a.	73	21. 4
13	57. 85	10. 15p.	32. 4	1. 55p.	98	24. 8	55. 10	4. 15p.	**24.7**	5. 30a.	72	**22.5**
14	59. 45	9. 55a.	28. 5	4. 15p.	97	**22. 4**	56. 85	2. 25a.	23	5. 15a.	81	20. 3
15	59. 95	10. 15p.	33. 2	2. 15p.	96	24. 1	56. 40	2. 45p.	24	5. 05a.	62	21
16	60. 65	8. 35a.	33. 1	2. 05p.	98	23. 9	57. 62	4. 00p.	24. 6	5. 00a.	63	20. 7
17	**61.09**	8. 00a.	32. 2	0. 30p.	97	24. 1	57. 90	2. 55p.	24. 3	5. 55a.	67	21. 3
18	60. 30	0. 05a.	30. 9	11. 30a.	98	22. 8	56. 40	4. 35p.	24. 2	5. 45a.	72	20. 6
19	59. 55	8. 45a.	29. 4	0. 15p.	97	23. 9	56. 75	2. 45p.	23. 8	4. 25a.	80	21. 7
20	59. 80	8. 20a.	32. 9	3. 35p.	98	24. 5	56	4. 20p.	24	5. 15a.	68. 5	22
21	60. 45	9. 55a.	33. 3	2. 55p.	97	24. 3	57. 15	5. 00p.	24. 3	6. 05a.	**59**	20. 9
22	59. 70	8. 45a.	32. 9	3. 55p.	**99**	23. 6	57. 05	3. 10p.	23. 7	6. 00a.	64	21. 3
23	59. 40	0. 05a.	33. 2	1. 35p.	97	23. 6	56. 15	3. 25p.	23. 6	5. 45a.	67	21. 4
24	59. 20	9. 20a.	**33.4**	2. 50p.	96	23. 9	56. 20	2. 50p.	24. 5	6. 00a.	66	21. 9
25	59. 95	10. 20p.	32. 7	3. 20p.	97	23. 8	56. 60	3. 05p.	**24.7**	5. 15a.	69	22. 4
26	59. 95	10. 30p.	31. 7	0. 10p.	97	24. 1	57. 18	4. 00p.	24	5. 55a.	70	21. 4
27	60. 80	10. 55p.	32. 7	3. 10p.	98	23. 9	57. 10	2. 55p.	24	11. 45p.	65	21. 4
28	60. 40	9. 45p.	31. 8	11. 10a.	98	23. 7	57. 40	2. 55p.	23. 2	5. 25p.	66	20. 5
29	60. 25	9. 35p.	32. 7	3. 20p.	95	24. 8	57. 04	3. 00p.	**22.4**	5. 55a.	66	**19.4**
30	61. 05	10. 50p.	32. 2	1. 50p.	96	23. 2	**58.55**	2. 05p.	23. 4	6. 00a.	71	20. 1
Mean	758. 81	--------	31. 6	--------	97	23. 8	755. 83	--------	24	--------	70. 6	21. 3

DAILY GENERAL REMARKS.

1----○ in the afternoon; ●° in the evening.
2----Convergence of Cirrus toward NE in the forenoon; ↯° NNW in the evening.
3----d° in the afternoon.
4----○, convergence of Cirrus toward E in the afternoon.
5----● early in the morning; d in the morning.
6----Somewhat gusty SWly winds at intervals; convergence of Cirrus toward NE in the afternoon; coloration of clouds at sunset.
7----Somewhat gusty SWly winds at intervals; convergence of Cirrus toward NNE in the morning; ●^{2} at night.
8----Somewhat gusty SWly winds at intervals with ● in the early morning, afternoon and night.
9----Rainy weather.
10----●^{2} in the early morning, ●° at night; somewhat gusty SWly winds in the afternoon.
11----●^{2}, ⛈^{2} NE, ⊤ NW in the morning; ●° at night.
12----● in the early morning and at night; ⌒, ⊤° SE in the afternoon.
13----●° in the early morning, afternoon and night; ⛈ E in the afternoon.
14----●, ⛈ N in the morning; d° 2.06 p. m.; ⏝ in the evening.
15----Coloration of upper clouds at sunset.
16----d, ⌒ early in the morning, coloration of clouds at sunset.
17----●° in the morning; p°, ≡° in the afternoon.
18----d°, ⛈° SE at noon; ⊤ N, ●, ≡° in the afternoon; coloration of clouds at sunset.
19----↯° NNE early in the morning; d° in the morning; ●, ⊤ SE in the afternoon.
20----≡° in the morning; ⛈° NE, ↯ various points in the evening.
21----●, ⛈ N and E in the afternoon; coloration of upper clouds at sunset.
22----⛈ NE quadrant, d° in the afternoon; coloration of upper clouds at sunset; ↯ NNW in the evening.
23----Coloration of clouds at sunset.
24----⛈ NE in the forenoon; coloration of clouds at sunrise and sunset.
25----● early in the morning and at night; ⛈° N and S, ↯ various points in the evening.
26----⛈° S quadrant, d^2 in the morning; ●° at night.
27----⛈ N and E in the evening.
28----⛈ NE quadrant, ●^{2} in the evening.
29----⛈ NNE in the afternoon; ↯ various points in the evening.
30----⛈° NE and NW, d in the afternoon.

OBSERVATIONS FOR OCTOBER, 1915.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	60.35	60.15	60.20	60.05	59.95	60.52	60.69	**61.17**	61.09	60.99	60.43	59.48
2	59.20	58.75	58.45	58.30	58.55	58.77	58.85	**59.23**	59.18	58.83	58.53	57.71
3	56.90	56.80	56.45	56.20	56.25	56.52	56.92	57.70	**57.72**	57.49	56.98	56.17
4	55.80	55.40	55.20	55.25	55.55	56.10	56.71	57.10	**57.42**	57.05	56.58	56.08
5	56.35	55.85	55.60	55.60	55.80	56.19	56.41	56.88	**57.04**	56.79	56.65	56.07
6	56	55.80	55.40	55.20	55.25	55.58	55.81	56.15	**56.43**	56.17	55.92	55.48
7	55.15	55	54.85	54.80	54.90	55.17	55.34	55.95	56	55.72	55.47	55.02
8	54.90	54.60	54.60	54.65	54.90	55.29	55.91	56.39	56.42	**56.44**	55.78	55.09
9	55.45	55.20	55.10	55.05	55.50	56.13	56.75	57.03	57.25	56.93	56.57	55.88
10	56.90	56.80	**56.45**	56.50	56.60	57.01	57.48	57.84	58.09	58.07	58	57.43
11	59.60	59.35	59.25	59.25	59.50	59.82	60.02	60.84	60.88	60.94	60.47	59.81
12	**61**	60.55	60.35	60	60	60.23	60.62	60.72	60.48	60.34	60	59.48
13	59.15	58.65	58.25	58.10	58.20	58.31	58.60	59.06	**59.29**	59.14	58.48	58.03
14	57.25	57	56.95	56.65	56.50	56.94	57.67	57.86	58.01	**58.04**	57.77	57.29
15	57.55	57.25	57.05	56.75	56.90	57.39	57.81	58.05	58.29	58.33	58.04	57.62
16	58.25	57.95	57.90	57.95	57.90	58.16	58.76	59.13	59.18	59.22	58.96	58.26
17	58.75	58.35	58.05	58.35	58.60	59.04	59.54	59.79	**59.95**	59.82	58.97	58.17
18	58.15	57.90	57.90	58	58.15	58.78	59.36	59.53	**59.65**	59.48	58.92	58.16
19	58.15	57.80	57.65	57.50	57.55	57.90	58.30	58.79	59.19	59.18	58.84	58.16
20	59	58.90	58.75	58.65	58.60	59.49	59.69	59.84	**60.02**	59.98	59.37	58.63
21	58.55	58.25	58.15	57.70	57.95	58.55	59.18	59.24	59.44	**59.47**	59.04	58.45
22	57.70	57	56.80	56.80	57.10	57.85	58.11	58.15	58.27	58.32	57.93	57.12
23	**55.90**	55.70	54.90	54.50	54.65	54.77	54.88	55.07	55.44	55.11	54.45	53.50
24	47.10	46.45	45.60	45.45	**45.20**	45.64	46.57	47.45	47.90	48.42	47.93	47.66
25	50.20	50.05	**49.50**	49.80	49.90	51.41	51.77	52.37	52.43	52.42	52.48	52.16
26	54.20	54.05	**54**	54.05	54.20	54.75	55.45	55.76	56.25	56.24	55.78	55.13
27	57.15	56.65	56	56.45	56.45	57.26	57.61	57.76	58.02	**58.06**	57.64	56.84
28	**56.25**	55.85	55.40	55.15	55.25	55.45	55.61	55.88	55.97	55.87	55.14	54.68
29	53	52.70	52.40	52.20	52.20	52.12	52.62	52.82	52.44	52.58	52.51	51.94
30	52.80	52.65	**52.60**	52.65	53.05	53.95	54.62	55.35	55.57	55.57	55.09	54.62
31	56	55.70	55.60	**55.55**	55.75	56.39	56.85	57.36	57.80	57.98	57.37	57.12
Mean	56.54	56.23	55.98	55.91	56.03	56.50	56.92	57.30	**57.46**	57.39	56.97	56.36

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	25.3	25	24.6	24.6	24.1	**23.7**	25.5	27.8	28.5	29.9	30.2	30.2
2	25.5	25.4	24.9	**24.6**	24.7	24.9	24.9	26.2	28.9	30.7	**31.1**	**31.1**
3	25.5	25.4	**25**	**25**	**25**	**25**	25.9	26.2	28.6	28.8	28.3	29.1
4	25	25	24.8	24.7	24.7	**24.4**	25.2	27.5	28.3	29	30.1	**30.2**
5	24.1	23.8	23.3	23.2	**23.1**	23.2	24.9	27.7	29	28.5	27.5	29
6	24.7	24.3	24.1	23.8	23.5	**23.3**	25	28	29.1	29.5	30.5	31
7	24.5	24	23.7	23.4	23.2	**23.1**	25	28.6	29.1	29.8	30.1	30.1
8	24.1	24	23.8	24.4	24.3	**23.7**	25.4	28.4	30.1	31.2	31.7	32.3
9	25.6	25.4	25.4	25.4	25.4	25.2	25	25.3	25.8	27.9	29.5	30.9
10	24.7	24.1	24.1	24.2	24.1	**23.7**	25.1	26.9	29.2	30.8	30.6	31.1
11	25.5	25.2	25.2	24.8	24.7	24.5	26.1	29	29.1	29.6	30.9	31.6
12	24.1	24	23.9	23.8	23.7	**23.5**	24.6	25.8	28.4	27.8	29	**29.3**
13	24.8	24.7	24.4	24.1	**23.7**	23.8	25	27.2	28	28.6	**29.7**	29.3
14	24.8	24.8	24.9	24.5	**24.2**	24.3	24.3	24.6	24.9	25.2	25.2	25.7
15	24.2	24.1	23.8	23.7	23.7	**23.6**	24.2	25.6	27.9	28.7	29.6	30.9
16	25	25	24.6	24.7	24.4	**24.3**	25.4	27.8	29.1	29.9	30.5	**31.3**
17	24.9	25	24.6	24.8	**24.5**	**24.5**	25.3	26.5	27.8	28.8	29.4	29.5
18	24.2	24.1	23.8	23.7	23.7	**23.6**	24.7	27.8	29.1	29.6	30.2	30.2
19	24.5	24.3	24.1	23.9	**23.7**	**23.7**	25	28.8	29.7	30	29.8	30.7
20	24.6	24.3	24	23.6	**23.5**	23.6	24.9	27.8	29.1	29.8	30.4	31.5
21	25.2	25.2	25.1	**24.6**	24.7	25	26.1	27.7	27	27	26.7	27.9
22	24.2	23.7	23.9	22.9	**22.8**	**22.8**	23.9	26.7	28.9	29.3	29.6	30.8
23	24.9	24.6	24.6	24.7	24.8	25	25.1	24.8	24.9	**24.5**	24.7	24.9
24	**24.6**	24.8	24.9	24.7	25.7	26.1	25.4	25.1	25.4	26.8	26.8	**27.1**
25	25.2	24.8	24.5	25	25.2	23.4	23.5	24.6	25	25	25.5	**25.6**
26	23.8	24	23.5	23.6	**23.1**	23.2	24.7	27.7	29.3	29.9	30.9	31.6
27	23.8	23.6	23.5	23.3	**23.1**	**23.1**	24	25.5	27	27.9	**29**	28.8
28	26.3	25.6	25.2	25.9	24.9	**24.5**	25.4	27	28	28.6	29.3	29.7
29	26.6	**26.5**	26.9	27	27	27	26.8	27.4	27.8	28.2	**28.4**	28.2
30	27.2	27.2	27.2	27.2	27	26.9	27.2	27.4	27.5	28.7	29	29.8
31	25.1	25.5	25.6	24.8	24.7	24.8	25.4	26.8	27.7	**29,1**	28.9	27
Mean	24.9	24.8	24.6	24.5	24.4	**24.2**	25.1	26.9	28	28.7	29.1	**29.6**

ATMOSPHERIC PRESSURE, 700^{mm}+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
58.69	58.06	**57.86**	58.09	58.15	58.62	59.16	59.45	59.75	59.95	59.90	59.70	59.69
56.92	56.37	**55.72**	56.37	57	57.22	57.76	57.90	58.35	58.35	58	57.70	58
55.26	54.74	**54.55**	55.04	55.32	55.98	56.34	56.70	57	57.15	56.70	56.25	56.38
55.54	54.87	**54.49**	54.72	54.90	55.22	55.96	56.20	56.60	56.85	56.95	56.70	55.97
55.32	54.84	54.59	**54.48**	54.79	55.19	55.86	56.40	56.65	56.70	56.80	56.65	55.98
54.74	54.11	53.65	**53.56**	53.90	54.17	54.85	55.50	55.95	56.05	55.95	55.80	55.31
54.49	53.84	**53.29**	53.32	53.55	54.08	54.89	55.35	55.95	**56.05**	55.90	55.45	54.98
54.59	54.12	**53.47**	53.65	54.30	54.72	55.36	56.05	56.05	55.95	56	55.90	55.21
55.17	**54.89**	54.99	55.06	55.49	55.92	56.49	56.85	**57.40**	**57.40**	**57.40**	57.30	56.13
56.98	56.57	56.62	56.88	57.24	57.63	58.35	58.90	59.50	59.55	**59.70**	59.55	57.69
59.33	58.76	**58.46**	58.57	59.25	59.95	60.79	61.45	**61.90**	61.70	61.65	61.50	**60.13**
58.76	58.19	**58.11**	58.63	58.89	58.98	59.59	60.20	60.05	59.85	59.60	59.50	59.76
57.75	**56.29**	56.33	56.59	56.85	56.99	57.10	57.15	57.85	57.70	57.60	57.75	57.88
56.89	56.54	56.22	**55.99**	56.30	56.91	57.11	57.35	57.80	57.75	57.95	57.90	57.19
57.11	56.69	**56.49**	56.71	57.22	57.68	58.09	58.70	58.85	58.95	**59**	58.60	57.71
57.62	56.95	**56.51**	57.48	57.85	57.84	58.37	59.40	59.55	**59.65**	59.20	58.95	58.37
57.42	56.82	**56.43**	56.57	57.11	57.56	58.15	58.65	59.10	59.30	59.20	58.70	58.43
57.39	56.78	**56.32**	56.46	56.70	56.97	57.81	58.25	58.65	58.85	58.80	58.55	58.15
57.45	57.12	**56.94**	57.18	57.45	57.83	58.36	59.05	59.50	59.45	**59.55**	**59.55**	58.27
57.74	56.92	**56.71**	56.86	57.30	57.53	58.24	58.80	59.50	59.20	59.25	58.95	58.66
57.64	56.79	56.62	**56.57**	56.60	57.28	57.46	57.95	58.30	58.25	58.15	58.05	58.07
56.24	55.69	55.46	**55.31**	56	56.36	56.73	57.75	**58.35**	58.05	57	56.30	57.10
52.65	51.61	50.71	50.60	50.17	49.88	49.49	49.45	49.40	48.90	48.85	**47.95**	52.44
47.59	47.54	46.86	46.84	47.64	48.16	48.50	49.30	49.40	**50.30**	50.10	50.25	**47.66**
52.34	52.47	52.57	52.73	52.65	52.83	52.88	**54.60**	54.25	54.15	54.10	54.20	52.26
54.79	54.69	54.51	55.32	54.95	56.67	56.90	57.75	**57.90**	57.65	57.60	57.45	55.67
56.43	55.82	**55.61**	55.92	56.40	56.48	56.67	57.10	57.15	57.20	56.85	56.45	56.83
53.84	53.08	52.77	**52.48**	52.84	52.79	52.93	53.55	54.10	53.95	53.75	53.35	54.41
51.26	50.86	**50.19**	50.43	51.09	51.38	51.89	52.80	53.15	**53.30**	**53.30**	53.20	52.18
54.29	54.07	54.52	54.55	54.93	55.38	55.55	56.45	56.55	**56.85**	56.80	56.65	54.80
56.90	56.54	56.64	56.88	57.16	57.41	57.90	58.45	59	**59.40**	59	58.60	57.22
55.78	55.25	**54.97**	55.16	55.48	55.86	56.31	56.89	57.21	57.24	57.12	56.88	56.40

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
31.2	31.1	30.7	28.2	27.5	27	26.6	26.3	26.1	25.6	25.5	25.2	27.1
31	30.8	30.8	30.5	27.2	26.7	27.1	27.4	27.5	25.6	25.2	25.3	27.4
29.9	26.9	27.4	27.2	27.2	26.3	26	25.7	25.9	25.7	25.2	25.1	26.5
28	28.5	28.7	28.8	29	27.5	26.8	26.3	26	25.6	25.1	24.5	26.8
30	29.2	29.3	**30**	28.7	27.7	27	26.5	25.9	25.8	25.7	25.1	26.6
31	31	31.4	**31.6**	30.6	28.8	28.7	27.4	26.7	26.2	25.6	25.4	27.6
30.8	30.2	31.5	**31.6**	30	27.8	26.9	26.2	25.7	25.2	25	24.6	27.1
32.5	31.7	31.3	29.5	28.7	27.6	27.2	26.8	26.9	26.3	26.2	26.2	**27.7**
31.7	30.8	26	26.4	25.3	25	25.4	25.4	25.1	24.9	24.8	**24.7**	26.3
31.9	30.5	30.8	29.1	28.3	27.3	27	26.6	26.4	26	25.6	25.7	27.2
30.6	31.7	**31.9**	30.6	29.8	28.6	25.4	24.5	24.5	24.4	24.3	**24.1**	27.4
29.2	27.8	27.7	26.5	26.5	26.1	25.9	25.8	26.1	25.6	25.3	25.1	26.1
27	27.9	27.3	26.7	26.5	25.8	25.1	25	24.9	24.7	25	24.9	26
25.1	25.7	**26**	25.8	25.5	25	24.8	24.7	24.6	24.4	24.4	24.3	24.9
31.2	30.7	29.9	28	27.1	26.4	26	25.8	25.6	25.5	25.4	25.1	26.5
31.3	30.8	31.2	29	25.8	25.9	25.5	25.4	25.1	25.1	25.1	25	27
30.2	29.9	29.4	29.6	28.9	27.9	27.1	26.1	25.6	25.7	25.6	24.8	26.9
30.6	31	31.4	**31.5**	30.5	29.2	27.6	27.3	26.7	26	25.4	24.9	27.4
30.8	30.1	27.7	29	28.1	26.8	26.3	26	25.9	25.8	25.6	24.9	26.9
31.6	32	**32.2**	31.2	29.7	28.3	27	26.2	25.9	25.8	25.6	25.3	27.4
30.2	29.7	29.2	29.8	29.1	27.8	27	27	26.4	25.8	25.2	24.8	26.8
30.9	30.3	29.9	29.3	28.1	27.2	26.6	26.6	24.8	24.6	24.9	25	26.6
24.9	25.2	**25.5**	25.1	24.8	24.9	24.8	24.6	24.6	24.7	24.6	24.5	24.8
27	26.5	26.6	26.8	26.9	25.5	25.8	26	26	25.2	25.4	25.3	25.8
24.6	24.3	24.4	23	22.9	22.8	22.9	23.5	23	22.8	**22.7**	23.3	**24.1**
31.6	**31.9**	31.3	26.8	25.5	25.9	25	24.8	24.7	24.3	24	23.9	26.5
28.7	28.6	28.4	28	27.5	27.4	27.5	27.4	27.1	27.1	26.5	26.4	26.4
29.9	**30.2**	29.9	29.1	28.7	27.9	27.7	27.6	26.8	26.3	26	26.1	27.4
28	28	28.2	28.2	27.4	27.4	27.3	27.2	27.4	27.2	27.3	27.3	27.4
29.4	28.8	28.3	27.9	27.4	27.1	26.6	26.1	25.6	25.5	25.3	**25.2**	27.3
25.5	25	24.9	24.8	24.5	24.5	24.5	24.5	24.5	24.4	24.3	**24.2**	25.5
29.6	29.3	29	28.4	27.5	26.8	26.3	26	25.7	25.4	25.2	25	26.6

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	88	90	93	93	94	96	87	79	77	68	68	70
2	93	93	92	94	93	90	91	84	76	69	69	68
3	96	95	96	96	96	96	92	91	82	81	82	81
4	98	98	97.5	97	96	97	93	88	85	81	75	73.5
5	97	96	97	97	97	97	92	82	74	77.5	87	78
6	95	95	96	93	94	95	89	78	75	76	72	69
7	94	97	94	95	95	95	91	73	76	74	73	72
8	95	94	93	91	93	91	84	72.5	65	66	59	59
9	92	93	92	93	92	94	92	90	87	80	72	68
10	92	95	96	94	94	96	92	85	71.5	67	65	65.5
11	93	94	92.5	94	94	96	90	80	78	78	71	69
12	97	97	97	97	96	97	92	88	79	84	81	78
13	96	95	96	96	97	97	90	81	79	78	78	80
14	97	96	96	95	97	96	96	93	93	92	92.5	90
15	97	97	97	97	97	97	95	89	80	77	77	70
16	94	94	95	92	94	95	92	80	71	72	70	66
17	94	92	96	94	97	96	95	90	83	79	79	77
18	97	96	97	97	96	96	93	82	77	74	73.5	75
19	94	96	97	96	97	96	92	78	74	75	73	70.5
20	96	97	98	99	99	97	91	79	75	74	70	67
21	93	92.5	93	93	94	92	87	81.5	86	88	90	86
22	94	96	95	98	97	97	95	83	64	60.5	63	61
23	91	93	92	92	91	91	90	92	91	91.5	92	94
24	91	89	89	90	81	81	88	92	91	84	88	86
25	91	96	96	92	91	97	97	93	89	90	88	89
26	91	91	94	93	96	97	92	79	72	70	64	63
27	96	97	97	98	99	98	97	92	84	83	74	74
28	87	92	94	89	94	96	93	85	81	77	76	75
29	80	82	76	75	75	75	77	76	72	74	73	73
30	81	81	80	81	80.5	80	78	76	75	74	69	67
31	91	87	86	92	92	92	90	86	83	74	76	83
Mean	92.9	93.4	93.5	93.3	93.5	93.7	90.7	83.8	78.9	77	75.5	74.1

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.2	21.2	21.4	21.4	21	20.8	21	21.8	22.2	21.3	21.7	22.4
2	22.4	22.3	21.6	21.6	21.5	21	21.2	21.2	22.4	22.7	23.1	22.8
3	23.2	22.9	22.5	22.5	22.5	22.5	22.8	23	23.8	23.8	23.3	24.1
4	22.9	22.9	22.6	22.5	22.2	21.9	22.2	24.1	24.2	24	23.9	23.4
5	21.5	20.9	20.7	20.6	20.3	20.4	21.4	22.7	22	22.4	23.6	23.3
6	21.9	21.4	21.4	20.4	20.2	20.1	21	21.9	22.4	23.2	23.2	22.9
7	21.5	21.4	20.5	20.3	20	19.9	21.3	21.3	22.8	23.1	23	22.9
8	21.1	20.8	20.4	20.6	21	19.9	20.2	20.8	20.8	22.4	20.4	21.2
9	22.4	22.3	22.1	22.5	22.1	22.4	21.7	21.5	21.5	22.3	22	22.5
10	21.4	21.1	21.4	21.1	21	20.8	21.7	22.4	21.5	22	21.3	22
11	22.4	22.4	22	21.9	21.8	21.9	22.6	23.7	23.2	24	23.6	23.8
12	21.5	21.4	21.3	21.3	20.8	20.7	21.2	21.6	22.7	23.5	24.1	23.5
13	22.3	21.9	21.7	21.4	21	21.2	21.2	21.8	22.3	22.7	24.1	24.2
14	22.5	22.3	22.4	21.7	21.7	21.6	21.6	21.4	21.8	21.8	22	22.1
15	21.8	21.5	21.3	21.2	21.2	20.9	21.3	21.8	22.3	22.5	23.6	23.2
16	22.1	22.1	21.8	21.2	21.3	21.4	22.1	22.2	21.4	22.6	22.6	22.3
17	22	21.7	22	21.9	22	21.9	22.7	23	23.1	23.3	23.9	23.7
18	21.7	21.4	21.2	21	20.8	20.7	21.5	22.6	23.1	22.8	23.4	24.1
19	21.5	21.6	21.5	21.1	21	20.8	21.7	22.8	22.9	23.5	22.6	23.1
20	22	22	21.8	21.4	21.3	21.1	21.2	22	22.4	23.1	22.7	23
21	22.2	22	22.1	21.4	21.8	21.6	21.8	22.4	22.7	23.3	23.3	24
22	21.1	20.8	20.9	20.4	20.1	20.1	20.9	21.5	18.9	18.3	19.5	20.1
23	21.2	21.4	21.2	21.2	21.1	21.3	21.3	21.3	21.2	20.9	21.2	22
24	20.8	20.7	20.9	20.8	20	20.3	21.3	21.9	21.9	22	23	22.8
25	21.6	22.3	21.9	21.6	21.6	20.6	20.7	21.4	21	21.2	21.4	21.8
26	20	20.1	20.2	20.1	20.1	20.4	21.2	21.6	21.9	21.9	21.3	21.7
27	20.9	20.9	21	20.9	20.8	20.6	21.6	22.2	22.3	23.2	21.9	21.8
28	22.1	22.4	22.4	22.2	22	21.9	22.5	22.5	22.7	22.3	22.9	23.3
29	20.6	21	20	19.7	19.7	19.7	20.1	20.6	20	20.9	21	20.8
30	21.6	21.8	21.4	21.6	21.3	20.9	21	20.6	20.4	21.7	20.7	20.7
31	21.5	21	21	21.3	21.4	21.3	21.7	22.4	22.9	22.2	22.4	21.9
Mean	21.7	21.6	21.4	21.3	21.1	21	21.5	22	22.1	22.4	22.5	22.6

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
69	71	72	81	88	90	92	92	93	93	93	93	84.6
67	68	71	74	90	92	88	85	84	92	95	**97**	84
76	90	89	92	94	96	95	**98**	97	**98**	**98**	**98**	91.9
85	83	83	83	82	89	90	94	94	95	95	97	89.5
74	80	79	75	80	86	87	88	92	92	93	95	87.2
68	**68**	69	**68**	71	80	79	87	88	89	89	90	82.2
67	68	**67**	**67**	77	84	88	91	93	92	91	92	83.6
59	67	68	75	80	84	87	87	84	89	88	88	79.9
63.5	67	85	86	90	92	92	91	92	93	93	93	86.8
64	66.5	67	74	80	83	84	87	88	91	93	92	82.6
71	68.5	**63**	71	78	79	92	**97**	**97**	**97**	96	**97**	84.8
76	84	84	92	92	94	93.5	94	93	94	95	95	90.4
90	84.5	87	87	88	93	**98**	**98**	96	97	97	97	90.6
92	91	**89**	91	93	96	**97**	**97**	**97**	**97**	**97**	**97**	**94.5**
68	69	73	82	83	86	89	91	93	93	93	94	86.8
66	69	68	78	90	93	93	94	94	94	**96**	95	85.2
75	**72**	75	73	79	84.5	88	91	92	91	88	93	86.4
72	69	67	**66**	70	78.5	86	88	84	88	91	93	83.6
69	75	87.5	85	86	91	91	94	91	91	91	95	86.9
66	**61**	**61**	67.5	77	78	85	89	90	91	92	93	83
72	74	76	73	78	87	90	88	88	89	92	92	86.5
62	**60**	63	66	74	82	84	86	92	93	91	92	81.2
95	94	93	92	92	92	92	92	92	91	91	92	92
86.5	90	87	83	**81**	92	88	87	86	**92.5**	88	90	87.5
92	94	91	91	91	92	94	91	95	95	96	94	92.7
59	**56.5**	59	80	80	80	86	87	90	92	94	95	81.7
77	79	80	82	86	85	81	81	84	83	87	88	86.8
72	**70**	72	79	80	84.5	82	81	84	87	86	86	83.4
74	73	70	**68**	79	79	80	81	79	81	80	79	**76.3**
69	73	74.5	77	79	79	83	86	88	88	**90**	**90**	79.1
92	92	92	93	95	96	96	**97**	**97**	**97**	**97**	**97**	90.5
73.8	75.1	76.2	79.1	83.3	87	88.7	90	90.5	91.8	92.1	92.9	85.9

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
23.2	24	23.8	23	**24.1**	23.7	23.8	23.3	23.3	22.8	22.4	22.2	22.4
22.5	22.4	23.4	23.9	**24**	23.9	23.5	23	22.8	22.4	22.6	23.1	22.6
23.8	23.8	24.1	24.7	**25.3**	24.4	23.8	23.9	24	23.9	23.4	23.3	**23.6**
23.9	24	24.2	24.3	**24.4**	24.2	23.7	23.7	23.5	23.2	22.5	22.3	23.4
23.4	**24**	**24**	23.5	23.3	23.7	23.1	22.6	22.8	22.7	22.9	22.5	22.4
22.7	22.7	23.5	23.6	23.1	**23.7**	23.1	23.5	22.9	22.4	21.8	21.7	22.3
22.2	21.7	23	23.2	**24.2**	23.2	23.2	23	22.7	21.8	21.3	21.1	22
21.5	**23.3**	23.1	23	**23.3**	23.2	23.2	22.8	22.1	22.5	22.2	22.2	21.8
22	22	**21.3**	21.9	21.5	21.7	22.1	21.9	21.7	21.8	21.7	21.5	21.9
22.3	21.5	22	22	**22.7**	22.3	22.3	22.6	22.4	**22.7**	22.5	22.5	21.9
23.1	23.7	22.2	23.1	**24.3**	23	22.1	22	22	21.9	**21.6**	21.7	22.7
22.8	23.5	23.3	23.6	23.6	23.4	23.2	23.2	23.3	22.9	22.7	22.5	22.6
24	23.6	23.5	22.7	22.6	23.1	23.1	22.9	22.4	22.3	22.8	22.6	22.5
21.9	22.3	22.3	22.4	22.4	**22.5**	**22.5**	22.3	22.2	22.1	22.1	21.8	22.1
23	22.5	23	22.9	22.3	22	22.1	22.4	22.5	22.6	22.5	22.3	22.2
22.6	22.6	23	**23.1**	22.3	23	22.4	22.7	22.3	22.3	22.7	22.4	22.3
23.8	22.6	22.9	22.5	23.4	23.6	23.5	22.9	22.4	22.3	**21.6**	21.7	22.7
23.4	22.9	22.9	22.9	22.6	23.6	23.6	23.8	21.9	21.9	21.9	21.8	22.4
22.9	23.7	24.1	**25.3**	24.3	23.8	23.2	23.3	22.6	22.4	22.1	22.2	22.7
22.8	21.7	22	22.8	**23.7**	22.3	22.5	22.4	22.4	22.4	22.4	22.3	22.2
23	22.9	23	22.6	23.2	**24**	23.7	23.3	22.4	22	21.8	**21.3**	22.6
20.7	19.2	19.7	20.1	20.8	21.9	21.8	**22.2**	21.3	21.4	21.2	21.6	**20.6**
22.2	22.4	**22.6**	21.9	21.3	21.4	21.5	21.2	21.2	21	**20.8**	21.1	21.4
22.9	**23.2**	22.6	21.8	21.3	22.2	21.9	21.7	21.5	22	21.3	21.5	21.7
21.1	21.2	20.6	19	**18.9**	19	19.5	19.6	19.8	19.5	19.6	20	**20.6**
20.4	19.8	20.1	20.8	**19.4**	19.9	20.2	20.3	20.8	20.9	20.8	20.9	**20.6**
22.5	**23**	23.1	23.1	**23.4**	23	22.2	22.1	22.4	22	22.4	22.4	22.1
22.6	22.4	22.6	**23.7**	23.5	23.6	22.7	22.3	22	22.1	**21.5**	21.7	22.5
20.9	20.5	19.8	**19.4**	21.4	21.4	21.5	21.6	21.4	**21.8**	21.5	21.3	20.7
21	21.4	21.3	21.4	21.4	21.1	21.5	21.7	21.6	21.4	21.5	21.4	21.3
22.2	21.7	21.6	21.7	21.7	21.9	21.9	22	22	22.1	22	21.7	21.8
22.5	22.5	22.5	22.6	**22.7**	**22.7**	22.5	22.5	22.2	22.1	21.9	21.9	22.1

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. ENE
2	Ci. SE	Cu.	Ci. EbyS	Cu.	Ci. EbyS	Cu. NNE	Ci.-S.	Cu. NNE	Ci.	Cu. NNE
3	----------	Cu.-N.	Ci.-Cu.	Cu.-N. NbyE	A.-Cu. EbyN	N.-cf. NbyE	A.-Cu.	N.-cf.	A.-Cu.	Cu.
4	Ci. ENE	Cu.	Ci.-S.	N.-cf. NE	----------	N.-cf. NE	Ci.-S.	Cu. E	Ci.-S.	Cu. ENE
5	Ci.	Cu.	Ci.	Cu. E	Ci.-S.	N.-cf. E	----------	Cu.-N. ENE	----------	Cu.
6	Ci.	S.-Cu.	Ci.	Cu. EbyN	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.-N. E
7	----------	Cu. E	Ci.	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu. E
8	Ci.	S.-Cu. SEbyE	Ci. WbyN	Cu.	Ci.	Cu. ESE	Ci.	Cu. ESE	Ci.	Cu.
9	----------	N. E	----------	N. E	----------	Cu.-N. E	----------	Cu.-N. E	A.-Cu.	Cu.-N. E
10	Ci.-S. SW	S.-Cu.	Ci.-S. SW	S.-Cu.	Ci. SW	S.-Cu.	Ci. W	Cu. SE	Ci.	Cu.
11	Ci.-S. NE	Cu. SE	Ci.-S. NE	Cu. SE	Ci.-S.	Cu. SE	Ci.-S.	Cu. ESE	Ci.-S.	Cu.
12	Ci.	Cu. E	Ci.	Cu. E	Ci. E	Cu. E	Ci.	Cu.	Ci.	Cu. E
13	Ci.	Cu. NE	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	N.-cf.
14	----------	N. ENE	----------	N.	----------	Cu.-N. NNE	----------	Fr.-N. NbyE	----------	Cu.-N.
15	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. ESE
16	A.-Cu.	S.-Cu.	Ci.-S. NE	Cu.	A.-Cu.	Cu. SSE	A.-Cu. E	Cu. SSE	Ci.-S.	Cu.
17	Ci.-S.	Cu. SE	Ci.-S.	Cu. SE	Ci.	Cu. SE	Ci.	N.-cf.	Ci.-S.	S.-Cu. SE
18	Ci. N	S.-Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.
19	----------	Cu.	----------	Cu. ENE	----------	Cu. ENE	Ci.	Cu. E	Ci.	Cu.
20	Ci.	Cu.	Ci.	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.
21	Ci.-S.	Cu.	A.-Cu.	Cu. E	----------	Cu.-N. E	----------	Cu.-N.	Ci.-S.	Cu.
22	Ci. SW	S.-Cu.	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. NNE	Ci.-S. EbyS	Cu. NNE
23	Ci.-S.	S.-Cu. NbyE	----------	N.-cf. NE	----------	N. NE	----------	N. NNE	----------	N. NNE
24	----------	N.	----------	Fr.-N. SE	----------	N. SE	----------	Fr.-N. SSE	----------	Cu.-N. SEbyS
25	----------	Cu.-N. S	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.
26	----------	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu. SSW
27	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci. EbyS	S.-Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
28	Ci.-S.	Cu.	Ci.-S.	Cu. WNW	Ci.-S.	Cu.-N. WbyN	Ci.-S.	Cu.	Ci.-S.	Cu.
29	Ci.-S.	Cu.-N. NW	Ci.-S.	S.-Cu. NWbyW	Ci.-S.	Cu.-N. WNW	Ci.-S.	S.-Cu. WNW	Ci.-S.	Cu.-N.
30	Ci.-S.	Cu.-N. W	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu. WSW	Ci.-S.	Cu. WSW	Ci.-S.	Cu.
31	Ci.-S.	Cu.-N. SW	Ci.-S.	Cu. SWbyS	Ci.-S.	Cu. SWbyS	----------	Cu.-N. SWbyS	----------	Cu.-N. SWbyS

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu. E	----------	Cu. E	----------	Cu.-N. NE	----------	Cu.-N. NE	Ci.	Cu.
2	Ci.	Cu. ENE	----------	Cu. NEbyE	Ci.-S.	Cu.	Ci.-S.	N.-cf. NE	----------	Cu.-N.
3	Ci.-S.	Cu.-N. ENE	Ci.-S.	Cu.-N. ENE	Ci.-S.	Cu.-N. NE	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. ENE
4	Ci.	Cu.-N. ENE	Ci.	Fr.-N. ENE	Ci.-S.	Cu. NE	Ci.-S. N	Cu. E	Ci.-S. N	Cu.-N.
5	Ci.-S.	N.-cf. SE	Ci.-S.	N.-cf. EbyS	----------	Cu. E	----------	Cu. E	----------	Cu. EbyN
6	----------	Cu.	A.-Cu.	Cu. ESE	----------	Cu. ESE	----------	Cu. E	----------	Cu.-N. E
7	Ci.	Cu. E	----------	Cu.-N. E	----------	Cu.-N. ENE	Ci.	Cu.-N. E	Ci.-S.	Cu.-N. E
8	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.	Ci.	Cu. E	A.-Cu. E	Cu. ESE
9	Ci.-S.	Cu. E	A.-Cu.	Cu. E	Ci.-S.	Cu.-N. E	----------	Fr.-N.	Ci.-S.	Fr.-N.
10	Ci.-S.	Cu. SE	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE	Ci.-S.	S.-Cu.	----------	S.-Cu.
11	Ci.-S.	Cu. E	Ci.-S.	Cu. ESE	Ci.-S.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu. E
12	Ci.-S.	Cu. E	Ci.-S.	Cu.-N. NNE	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N.
13	----------	Cu.-N. ENE	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. EbyS	Ci.-S.	Cu. EbyS	Ci.-S.	Cu.-N.
14	----------	N. NNE	Ci.-S.	Cu.-N. NNE	Ci.-S.	Cu.-N.	Ci.-S.	Cu. NE	Ci.-S.	S.-Cu.
15	Ci.-S.	Cu. E	Ci.-S.	Cu. E	----------	Cu.-N. E	----------	Cu.-N. E	Ci.-S.	Cu.-N. EbyS
16	A.-Cu.	Cu. SE	Ci.	Cu. SE	Ci.	Cu. ESE	----------	Cu.-N. SSE	----------	Cu.-N.
17	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S. NbyE	Cu.-N.	Ci.-S. NbyE	Cu.-N.	Ci.-S. NbyE	Cu.-N.
18	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	----------	Cu.
19	Ci.	Cu. E	----------	Cu.-N. E	Ci.	Cu. ESE	Ci.	Cu.-N. ESE	----------	Cu.-N. E
20	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E	Ci.	Cu.
21	----------	Cu. E	----------	Cu. E	----------	Cu. E	Ci.	Cu. E	A.-Cu.	Cu. E
22	Ci.-S.	Cu. NNE	Ci.-S.	Cu.	Ci.-S.	Cu. NNE	Ci.-S.	Cu. NNE	Ci.-S.	Cu. NE
23	----------	N.	----------	N. NNE	----------	N. N	----------	N.	----------	N. NEbyE
24	----------	Fr.-N. EbyS	----------	N.	Ci.-S.	N.-cf. S	Ci.-S.	N.-cf. SbyE	----------	Cu.-N.
25	----------	N.	----------	N.	----------	N.	----------	N.	----------	N.
26	A.-Cu.	Cu. SSW	----------	Cu. SSW	A.-Cu.	Cu. SSW	----------	Cu.-N. SW	----------	Fr.-N. SW
27	Ci.-S.	Cu.	Ci.	Cu. ESE	Ci.-S.	Cu. NW	Ci.-S.	Cu.-N. NW	----------	Cu.-N.
28	Ci.-S.	Cu. W	Ci.-S.	Cu. W	Ci.-S. NE	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. NW
29	Ci.-S.	S.-Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. WNW	Ci.-S.	S.-Cu. WNW	Ci.-S.	S.-Cu. WNW
30	Ci.-S.	Cu. SW	Ci.-S.	Cu. SW	Ci.-S.	Cu. SW	Ci.-S.	Cu.	Ci.-S.	N.-cf. SW
31	----------	Cu.-N. SSW	----------	Cu.-N. SSW	----------	Cu.-N. SSW	----------	Cu.-N.	----------	N.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	Calm	NNE 1.5	NNE 0.5	NNE 1	Calm	Calm	NNW 2	Calm	Calm	W 2	SW 2.5	WSW 2.5
2	N 1	N 1.5	N 1	Calm	N 1	Calm	Calm	NE 1.5	NW 1.5	Calm	N 2	WSW 3
3	Calm	NE 2	NE 2.5	Calm	Calm	Calm	Calm	Calm	NNW 1	NNE .5	W 3	WbyN 6
4	S .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W 2.5	WNW 2.5	NW 4
5	E 1.5	NE 1.5	NE 1	NE 1	NE 1	Calm	Calm	Calm	ESE 1.5	WSW 2	NNW .5	NW 5.5
6	Calm	NE .5	NE 1	NNE 1.5	NNE 1.5	NNE 1	NNE 1	Calm	S 2.5	SSW 1.5	SW 2.5	WSW 3.5
7	NE .5	NE .5	N 1	NE 1.5	Calm	ENE .5	Calm	Calm	ESE .5	SW 1	WSW 4.5	WbyN 4
8	E 1	E 1	Calm	E 1	ENE 1.5	NE 1	Calm	Calm	SSE 2	E 2.5	E 3.5	E 3
9	Calm	ESE 1.5	Calm	ENE .5	Calm	Calm	Calm	NNE 1.5	ENE 1	ENE 2.5	E 3.5	ENE 4
10	Calm	NE .5	Calm	NE 1	E 1	ENE 1.5	ESE 1.5	E 1.5	E 5	ESE 3	ESE 3	SE 3
11	Calm	Calm	NNE 1.5	NNE 1	NNE 1	E 1	E .5	SSE .5	S 1.5	SW 1.5	SE 4.5	ESE 2.5
12	N 1.5	N 1.5	N 1.5	N 1.5	N 2	NNE 1	Calm	Calm	NW 2.5	NW 2.5	WNW 3	WbyN 1.5
13	N .5	N 2	NNE 1.5	NNE 1.5	Calm	Calm	Calm	Calm	NNE .5	WSW 3	WSW 3	WSW .5
14	ENE .5	Calm	N 1	NNE 2	Calm	NNW 2.5	NNE 1.5	NNE 1	Calm	NNE 1	NNE 3.5	NNW 4
15	NNE 1.5	NE 1.5	NE 1	NE 1.5	NE 1	NE .5	Calm	Calm	ENE .5	WSW 1.5	SSE .5	ESE 1.5
16	ESE 1	NNE 1.5	N 1	NNE 1	NNE .5	Calm	Calm	Calm	ESE 2.5	SSW 2	ESE 2	ESE 2
17	NE .5	NE 1	Calm	Calm	Calm	Calm	Calm	Calm	NE 1	NW 2.5	WNW 3	WNW 2.5
18	Calm	Calm	Calm	Calm	Calm	Calm	Calm	E 1	SW 2.5	SW 1	WSW 3	SW 2.5
19	Calm	Calm	Calm	Calm	Calm	NE 1	Calm	SSE 1.5	WSW 2	W 2	WNW 3	WSW 3
20	ENE 1.5	ENE .5	E .5	E 1	Calm	Calm	Calm	Calm	SW 1.5	SSW 2.5	SW 2.5	WSW 2.5
21	Calm	N 1	NE .5	N .5	Calm	Calm	Calm	NNW 1.5	Calm	Calm	ENE 1.5	Calm
22	NNE 1	NNE 1	NNE 1.5	NNE .5	NNE 1.5	NNE 1	Calm	Calm	NNW 5	NNW 4.5	NbyW 6	NW 4.5
23	NNW 2	NNW 2	NNW 2.5	NNW 2	NNW 2	NW 3	NW 3.5	NW 2	NW 2.5	NW 6.5	NNW 5.5	NW 7.5
24	NNW 11.5	NNW 7	NbyW 9	N 6	NE 9	E 12	ENE 13	E 10	EbyS 6.5	EbyS 11.5	ESE 8	ESE 8.5
25	ESE 4	ESE 3.5	ESE 3.5	ESE 4.5	ESE 5.5	SE 5	SE 2.5	ESE 4.5	SE 4	SE 6	SE 2.5	Calm
26	SE 4	SE 3.5	SE 2	SE 2.5	SE 2.5	ESE 1.5	SE 2	E 2.5	ESE 2	E 1	ESE 1.5	ESE .5
27	SE 1	E 1	NE 1.5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	WNW 4	WSW 3.5
28	NW 2	NNW 1	Calm	WNW 2	N 1	Calm	NW .5	NW 1.5	NNW 1	WNW 2.5	WNW 5	WNW 1.5
29	W 3.5	WNW 4	W 9	W 9	W 13.5	W 14	WSW 18	wbys 18.5	WbyS 9	WSW 10.5	WSW 9.5	WSW 10
30	SW 13.5	SW 13.5	SW 9	SW 13.5	SW 11	SW 11.5	SW 7.5	SW 9	WSW 10.5	WSW 6.5	WSW 7.5	swbyw 3.5
31	SE 2.5	SbyW 2.5	SbyW 2.5	Calm	SSW 1	ESE 1	ESE 1.5	ESE 1.5	ESE 3	Calm	Calm	WSW 2
Mean	1.8	1.9	1.8	1.9	1.9	1.9	1.8	1.9	2.4	2.8	3.4	3.3

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WSW 2	WSW 2	WSW 1	NNE 1	NNE 0.5	Calm	Calm	NE 0.5	NE 1	NE 1.5	NE 1	Calm	0.9
2	WSW 3	WSW 1.5	SW 1.5	SSW 1	WNW 4	S 2	Calm	SSW 2.5	SSW 2.5	Calm	NNE .5	ENE 1.5	1.4
3	WNW 3.5	Calm	Calm	Calm	S .5	Calm	Calm	S .5	S .5	Calm	Calm	S .5	.9
4	NNE 3.5	Calm	NE 1	N 2.5	N 1	Calm	Calm	SE 1.5	Calm	SE 1	E 1	E 1	.9
5	WNW 2.5	Calm	Calm	SSW .5	SE 2	SE .5	SE 0.5	SE 1	SE .5	SE 1	Calm	NE .5	1
6	WSW 2.5	WSW 1	SSW 1	Calm	SE 1	SSE .5	Calm	S 1.5	SE 1.5	SE 2.5	SE 1.5	N 1	1.3
7	W 3.5	W 2.5	WNW 1	Calm	NNE 3	NNE 1	Calm	Calm	ENE .5	E 1.5	E 1.5	E 1.5	1.2
8	ESE 3	ESE 5	ESE 4	SE 6.5	SE 2.5	SE 5	Calm	ESE 2.5	E 2.5	ESE 2.5	ESE 4	E 2.5	2.4
9	ENE 3.5	ENE 2	E 6	E 1	ESE .5	SE 2	ESE .5	ENE 2	ENE 1.5	ENE 1.5	E 1.5	ENE 1.5	1.6
10	ESE 4.5	ESE 2.5	ESE 1.5	ESE 3	ESE 1	ESE .5	ESE 4	ESE 2	ESE 1.5	ESE .5	Calm	Calm	1.8
11	ESE 3	ESE 1.5	ESE .5	Calm	Calm	WNW 1	NNW 1	NNE 2	Calm	NNE 2	N 2	NE 1	1.2
12	SW 3	Calm	NNE .5	NE 1	ENE .5	Calm	Calm	S .5	NNW 1.5	NNW 2	Calm	NNW .5	1.2
13	SE .5	SSE 1.5	SE 1.5	ESE 2	SSE 1	Calm	Calm	SSE 1	ESE .5	ESE 1.5	SSE 1.5	ESE .5	1
14	N 2	N 1	NNE 1	N .5	Calm	N .5	Calm	Calm	Calm	Calm	Calm	Calm	.9
15	E 1	E 1.5	WNW 1	ESE 3.5	EbyS 1.5	ESE .5	ESE .5	ESE 1	ESE .5	Calm	ESE .5	ESE .5	1
16	ESE 1	S 1	WSW 2	SSW 4	Calm	NE .5	Calm	NE 1.5	NE 1	NE 1	NE 1	NE 1	1.1
17	NW 2.5	WNW 3	NW .5	WNW 1.5	WSW 1	Calm	SE .5	E 1	E 1	NNE 1.5	NNE 1.5	Calm	1
18	WSW 4.5	WNW 4	W 2	W 3.5	W 1	WNW 1	Calm	Calm	NE 1	Calm	N 1	Calm	1.2
19	SW 3.5	SSW 1.5	SE 2.5	Calm	ESE 1	SE 1.5	Calm	E 1	E 1	E 2.5	ESE 2.5	ENE 2	1.3
20	WSW 2.5	WSW 4	WSW 3.5	WSW 1	NNW .5	NE 1	Calm	E 1	NNE 1	Calm	Calm	Calm	1.1
21	SW 1.5	W 3.5	W 3.5	WNW 3.5	WNW 3.5	Calm	Calm	NNE 1.5	NNE 1.5	NNE 1	NNE 1	NNE 1	1.1
22	NNW 4.5	NNW 4.5	NNW 4	NNW 1.5	N 1.5	E 1.5	E 1.5	E 1.5	E 2.5	N 1	NNW 3	NNW 3.5	2.4
23	NNW 2.5	NNW 5.5	NW 11	NNW 8	NNW 13.5	NWbyN 14.5	NNW 14	NNW 13.5	NNW 13.5	NNW 13.5	NNW 13.5	NNW 10.5	7.3
24	ESE 7.5	E 5	E 8	ESE 8	ESE 7	ESE 3	ESE 4.5	ESE 5.5	ESE 6	ESE 4.5	ESE 5	ESE 5.5	7.6
25	ESE 8.5	SE 4.5	SSE 1.5	SE 1.5	ESE 1	ESE 1	ESE .5	SW 1	E 1.5	E 1.5	E 2	SE 2.5	3
26	SE 1	ESE 1.5	Calm	SW 7.5	SE 1	SE 3	Calm	NW .5	Calm	Calm	Calm	Calm	1.7
27	WSW 2.5	SW 1.5	WSW 4	SW 6.5	SW 6.5	WbyN .5	WSW 1.5	W 4	W 3	WNW 3.5	NW 2	WNW 2	2
28	WNW 1	WSW .5	Calm	Calm	Calm	WbyN 6	WbyN 10.5	NW 4	N 2	NW 1	W 1.5	WNW 1.5	1.9
29	WSW 17	WSW 15	WSW 17.5	WSW 17.5	WSW 14	SWbyW 15	SWbyW 18	SW 13.5	SW 13.5	SW 13.5	SW 13.5	SW 13.5	12.9
30	SWbyS 2.5	SSW 5	swbys 4.5	SSW 3.5	SW 5.5	SSW 3.5	Calm	SSE 1	ESE 2	ESE 1.5	ESE 1.5	ESE 1.5	6.2
31	SSW 2.5	SSW 2.5	SSW 4.5	ESE 1	Calm	EbyS .5	ESE 1.5	ESE 1	Calm	Calm	Calm	Calm	1.3
Mean	3.4	2.7	2.9	2.9	2.5	2.1	1.9	2.3	2.1	2	2.1	1.8	2.3

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	2	4	2.5	1	4	1	1.5	1.5	1.5	5.5	12	12.5
2	1	.5	0	0	.5	2	5.5	6.5	5.5	8.5	6	5
3	1	2	4.5	1	0	0	0	1.5	.5	2.5	8	13.5
4	.5	1	0	1.5	1	0	3.5	2.5	.5	6.5	11	13.5
5	0	1	1	.5	0	.5	.5	.5	1.5	5.5	9	6.5
6	2.5	2	4	5	5.5	4	4	4	4	7	9	12
7	2	2	1	4	3	2	1	.5	2.5	3	8	11.5
8	1	2	2.5	2	1.5	5	1	.5	2	4	8.5	11
9	5	.5	3.5	0	1	5	5	4	6.5	6.5	11	9
10	4.5	.5	0	3	6	2	5	5	11	15	16.5	19
11	1	3	4.5	4.5	3	4	2	3	8.5	7	13.5	10.5
12	1.5	5.5	3.5	3	3	2.5	.5	0	3.5	11	13	11
13	1	2.5	7.5	6.5	1.5	1	2.5	1.5	0	3	11	5
14	4	0	1	6	3	2.5	6.5	4	7.5	2.5	7	12
15	1	3	4.5	3	3	1.5	2.5	2.5	1	3	7	5.5
16	2	3	3.5	4	3.5	2	.5	.5	2.5	3	8.5	6
17	2	2	1	2	1	1.5	1	1.5	3	4	14.5	10.5
18	0	0	0	0	0	0	.5	.5	3	5	9	10
19	0	0	2.5	4.5	1	4	2.5	4.5	3.5	8.5	13	12
20	6	3	2	1	.5	1.5	1.5	2	3	5.5	8	10
21	1	1	3	.5	.5	2	1	1	4	0	1.5	1.5
22	0	.5	3	0	1	0	1	4.5	8.5	14.5	13.5	9
23	8	8	7	8	7	7	12	11.5	12.5	10.5	17.5	17.5
24	39	28.5	31.5	22.5	24	33.5	37	30	29	24	33.5	24.5
25	15	14	12.5	17	19	22.5	20	17.5	19.5	17.5	17.5	14
26	12.5	13.5	9.5	10.5	10	9	7	7.5	4	7.5	8.5	5.5
27	.5	1.5	4	.5	0	0	0	1.5	5	4	8.5	9.5
28	7.5	2	.5	6.5	3.5	.5	2.5	6	9.5	8	16.5	12
29	8	17	28	32	44	46	49	49	37	50	49	36
30	48	42	45	46	39	34	33	34	34.5	24	32.5	24
31	5	11	13	5	4	6.5	6.5	6	8	6	8	13.5
Mean	5.9	5.7	6.6	6.5	6.3	6.5	7	6.9	7.8	9.1	13.2	12

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	6	4	6	8	7	6	2	6	7	10	8	5	6.2	7	10
2	7	8	9	8	7	8	7	7	9	9	10	6	7.9	4	20
3	10	10	9	9	8	6	8	9	10	9	10	10	9	2	20
4	9	8	10	10	9	10	8	9	10	10	9	9	9.2	3	00
5	5	4	5	9	10	9	9	9	8	7	6	9	7.5	3	40
6	7	6	6	6	6	7	3	3	4	4	7	8	5.6	9	40
7	2	4	8	4	3	5	5	7	6	9	9	8	5.8	8	30
8	7	7	8	8	9	9	4	5	4	5	6	8	6.7	7	30
9	10	10	10	10	9	9	9	9	9	9	9	10	9.4	2	20
10	6	8	9	8	9	9	6	9	9	10	10	7	8.3	5	10
11	8	6	7	7	6	8	8	7	8	8	9	10	7.7	7	20
12	5	8	5	6	8	4	9	10	10	10	10	10	7.9	3	45
13	2	3	2	5	8	9	10	10	10	10	10	10	7.4	3	10
14	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
15	10	9	8	7	8	8	9	10	10	10	10	10	9.1	5	05
16	9	7	7	9	8	8	9	8	7	10	10	6	8.2	4	10
17	9	10	9	8	9	10	9	9	7	8	8	7	8.6	1	15
18	9	8	8	5	7	7	7	5	4	3	2	4	5.8	10	30
19	2	2	2	3	6	4	5	10	9	7	6	6	5.2	7	00
20	2	2	4	3	3	6	2	5	6	7	7	8	4.6	9	30
21	9	10	7	10	10	7	8	7	9	5	7	9	8.2	3	40
22	8	9	10	10	10	9	10	10	10	9	10	10	9.6	0	45
23	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
24	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
25	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
26	1	1	1	1	1	2	9	4	8	10	10	10	4.8	7	30
27	8	9	9	10	9	9	10	9	10	10	10	10	9.4	0	55
28	10	10	10	10	7	7	9	10	10	10	10	10	9.4	1	35
29	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
30	10	10	10	10	10	10	10	10	10	10	10	9	9.9	0	10
31	9	8	9	7	8	8	10	10	10	10	10	10	9.1	0	40
Total														120	40
Mean	7.4	7.5	7.7	7.8	7.9	7.9	7.9	8.3	8.5	8.7	8.8	8.7	8.1	3	54

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
12	**13**	**13**	7.5	0.5	0.5	0	0	0.5	1	1.5	0.5	4.1
13	11.5	8	5.5	8	5.5	5.5	9	8.5	6.5	1	0	5.1
12.5	2	1	1	2.5	3.5	3.5	1.5	1	.5	1.5	0	**2.7**
11.5	5.5	4	6	2	1	0	.5	1	.5	.5	.5	3.1
12	6.5	1	2	5	6.5	5	5	2.5	3	4	3.5	3.4
11	8	6.5	7.5	7.5	4.5	5.5	5.5	9	6	6	6	6.1
13.5	11	5	2.5	5.5	4.5	1	0	.5	3	3	2.5	3.9
13	14.5	**16**	15.5	13.5	12	6.5	4.5	10	5.5	13.5	11	7.4
13	10	**13**	12	5	7	7	6	6	3	5	6	6.2
17.5	11	12.5	12	7.5	7.5	10.5	10	7	4.5	2	1.5	8
11.5	8.5	4.5	5	1.5	3	10	11	4.5	3	5.5	2.5	5.6
11	3.5	4	8	1.5	4	3.5	.5	2.5	5.5	1	2	4.4
7	4.5	3.5	10	6	0	0	0	4	2	4	3	3.6
11	11	9	4	3	1	2	3	.5	.5	0	0	4.2
9.5	6	4	**13**	10	6	3.5	4	2.5	1	.5	1.5	4.1
7	6	7	10	**11**	3	3	2	4	2	3	4	4.2
8	12	8	6	6	4	1.5	.5	2	4.5	4	.5	4.2
12	**12**	10	8	7.5	5.5	2	3	6	4	3	0	4.2
11.5	9.5	7.5	4.5	7	9	7.5	4	4	5.5	8.5	5	5.8
10	**13.5**	9.5	10	3	5	4	3	2	1	0	0	4.4
6.5	11	**11.5**	11	9.5	2.5	.5	4	3	4	2.5	2	3.5
13	**15**	10.5	5.5	3	2.5	4.5	4	11	2	7	13	6.1
16.5	19	28	30	37.5	40.5	38	41	**46**	40.5	45.5	43	23
27	18	21	25	25	17	16.5	17.5	17	18	16	20	24.8
16	18	10	13.5	10.5	8.5	5	7	8	7.5	8	12	13.8
7.5	7	5.5	**18.5**	12	11	6.5	1.5	.5	0	0	.5	7.3
9.5	9.5	11.5	25	**27.5**	16	14	17	14.5	15.5	9	10	8.9
11.5	6.5	5	4.5	5.5	7	**25**	20	9.5	2.5	2	6	7.5
42	45	48	50	52	53	**58**	54	52	47	54	48	**43.7**
22	24	25	25	23	22	13	7	6	9	5	6	26
21.5	16.5	13.5	10.5	6	5	5	5.5	3	2	5	5	7.6
13.6	11.9	10.9	11.9	10.5	9	8.6	8.1	8	6.8	7	6.8	8.6

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	------	5	4	------	------	------	------	------	------	------	1	4	1	------	------	1	8	99	2.5	0.2
2	5	1	1	1	------	------	------	------	1	3	1	3	------	1	1	------	6	123	2.6	27.5
3	------	1	2	------	------	------	------	------	4	------	------	------	1	2	------	1	13	65	1.1	5.6
4	2	1	1	------	2	------	2	------	1	------	------	------	1	1	1	------	12	74.5	1.6	.3
5	------	------	5	------	1	1	6	------	------	1	------	1	------	1	1	1	6	82.5	2	.2
6	1	4	2	------	------	------	4	1	2	2	1	3	------	------	------	------	4	146	3	.8
7	1	2	3	2	3	1	------	------	------	------	1	1	2	2	------	------	6	92.5	3	------
8	------	------	1	1	8	6	3	1	------	------	------	------	------	------	------	------	4	176.5	3.6	.8
9	------	1	------	10	4	3	1	------	------	------	------	------	------	------	------	------	5	150	1.5	5.2
10	------	------	2	1	3	13	1	------	------	------	------	------	------	------	------	------	4	191	3.4	------
11	1	5	1	------	2	4	1	1	1	1	------	------	------	1	------	1	5	135	2.5	24.1
12	5	2	1	1	------	------	------	------	1	------	1	------	------	2	2	3	6	105	1.5	.6
13	2	3	------	------	------	4	2	4	------	------	------	3	------	------	------	------	6	87	1	5.7
14	5	6	------	1	------	------	------	------	------	------	------	------	------	------	------	2	10	101	0	8.3
15	------	1	5	1	2	9	------	1	------	------	------	1	------	1	------	------	3	99	2.4	------
16	1	3	6	------	------	5	------	------	1	2	------	1	------	------	------	------	5	101	2.2	8.9
17	------	2	3	------	2	------	1	------	------	------	------	1	------	4	3	------	8	101	2.2	------
18	1	------	1	------	1	------	------	------	------	------	3	2	3	2	------	------	11	101	3	------
19	------	------	1	1	3	2	2	1	------	1	1	2	1	1	------	------	8	139.5	2.2	3.8
20	------	1	1	2	3	------	------	------	------	1	2	5	------	------	------	1	8	105	3.3	------
21	2	5	1	1	------	------	------	------	------	------	1	------	2	2	------	1	9	85	1.3	------
22	3	6	------	------	4	------	------	------	------	------	------	------	------	------	1	8	2	146.5	2.8	9.9
23	------	------	------	------	------	------	------	------	------	------	------	------	------	------	8	16	------	552	0	24.3
24	2	------	1	1	4	14	------	------	------	------	------	------	------	------	------	2	------	595	.5	25.7
25	------	------	------	------	3	10	8	1	------	------	1	------	------	------	------	------	1	330	.1	10.8
26	------	------	------	------	2	5	9	------	------	------	1	------	------	------	1	------	6	175.5	2.9	------
27	------	------	1	------	1	------	1	------	------	------	3	4	2	4	1	------	7	214	2.4	------
28	2	------	------	------	------	------	------	------	------	------	------	1	1	8	5	2	5	180	4.2	------
29	------	------	------	------	------	------	------	------	------	------	5	11	7	1	------	------	------	1048	6.5	------
30	------	------	------	------	------	4	------	1	------	3	11	4	------	------	------	------	1	623	3.4	------
31	------	------	------	------	------	8	1	------	------	6	------	1	------	------	------	------	8	182	.9	2.7
Total	33	49	43	23	48	89	42	11	11	20	33	48	21	33	24	39	177	6,405.5	69.6	165.4
Mean	1.1	1.6	1.4	0.7	1.5	2.9	1.4	0.4	0.4	0.6	1.1	1.5	0.7	1.1	0.8	1.3	5.7	206.6	2.2	5.3

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	761.25	8.45a.	32.8	2.25p.	96	24.1	757.55	2.30p.	23.5	5.55a.	68	20.8
2	59.70	0.05a.	32.8	11.40a.	97	24	55.72	3.00p.	24.3	6.30a.	67	21
3	57.80	8.10a.	31.1	0.55p.	98	**25.3**	54.30	2.20p.	24.6	3.50a.	76	**22.5**
4	57.42	9.00a.	32.1	11.45a.	98	24.4	54.45	2.50p.	24.2	5.50a.	73.5	21.9
5	57.04	9.00a.	31.7	0.40p.	97	24	54.35	3.20p.	23	5.05a.	74	20.3
6	56.60	0.05a.	33	3.15p.	96	23.7	53.50	3.50p.	23.2	6.05a.	68	20.1
7	56.10	8.30a.	32.9	3.45p.	97	24.2	53.05	3.30p.	22.9	5.55a.	67	19.9
8	56.60	9.30a.	**33.9**	0.55p.	95	23.3	53.40	3.25p.	23.5	6.10a.	59	19.9
9	57.50	11.10p.	32.7	1.10p.	94	22.5	54.75	2.25p.	24.4	11.35p.	63.5	21.3
10	59.70	11.00p.	33.4	0.50p.	96	22.7	56.40	2.35a.	23.5	5.55a.	64	20.8
11	**61.95**	8.50p.	33.1	2.50p.	97	24.3	**58.20**	2.30p.	23.9	11.45p.	63	21.6
12	61.45	0.05a.	30.9	0.50p.	97	24.1	57.95	2.25p.	23.4	5.50a.	76	20.7
13	59.50	0.05a.	30.5	0.15p.	98	24.2	56.29	2.00p.	23.2	5.30a.	78	21
14	58.04	10.00a.	26.8	3.25p.	97	22.5	55.99	4.00p.	24	4.55a.	89	21.4
15	59.15	10.40p.	32.5	1.30p.	97	23.6	56.30	2.45p.	23.5	6.05a.	68	20.9
16	59.70	10.10p.	33	0.40p.	96	23.1	56.51	3.00p.	23.7	5.55a.	66	21.2
17	59.95	9.00a.	31.4	0.55p.	97	23.9	56.35	3.05p.	23.8	5.45a.	72	21.6
18	59.65	9.00a.	33	3.25p.	97	24.1	56.25	3.05p.	23.3	5.50a.	66	20.7
19	59.65	11.45p.	32.4	1.30p.	97	**25.3**	56.90	3.05p.	23.5	5.15a.	69	20.8
20	60.15	9.30a.	33.2	2.50p.	**99**	23.7	56.65	3.15p.	23.4	4.50a.	61	21.1
21	59.65	9.20a.	31.5	1.05p.	94	24	56.35	4.40p.	24.2	3.50a.	72	21.3
22	58.50	8.35a.	32.4	0.50p.	98	22.2	55.15	3.45p.	**22.4**	4.40a.	60	**18.3**
23	56.25	0.05a.	**26**	3.10p.	95	22.6	47.95	Midnight.	23.8	11.40p.	**90**	20.8
24	**50.30**	10.00p.	28	0.45p.	92.5	23.2	**45.20**	5.00a.	23.7	0.20a.	81	20
25	54.70	8.05p.	26.2	0.10p.	97	22.3	49.45	3.10a.	22.6	10.30p.	88	18.9
26	57.95	8.15p.	33.2	2.40p.	97	21.9	53.85	3.20a.	23	4.55a.	**56.5**	19.4
27	58.15	9.40a.	30.2	11.35a.	**99**	23.4	55.50	3.20p.	23	5.40a.	74	20.6
28	56.40	0.05a.	31.2	1.45p.	96	23.7	52.48	4.00p.	24.4	5.55a.	70	21.5
29	53.35	11.20p.	28.7	4.10p.	**82**	**21.8**	50.10	3.15p.	**25.7**	0.25a.	68	19.4
30	56.90	11.10p.	30.7	0.10p.	90	**21.8**	52.40	2.10a.	25	11.55p.	67	20.4
31	59.40	10.00p.	30.9	10.40a.	97	22.9	55.40	4.10a.	24.2	Midnight.	74	21
Mean	758.08	--------	31.4	--------	95.9	23.4	754.47	--------	23.7	--------	70.6	20.7

DAILY GENERAL REMARKS.

1----⌈↯ E, d in the afternoon; slight coloration of clouds at sunset.

2----⌈↯ NE and SW, ● in the afternoon; ↯ various points in the evening; ●, ⊤² S quadrant at night.

3----● in the early morning and afternoon; ⌈↯ ENE in the afternoon; ↯ SW and NW quadrants in the evening.

4----Convergence of Cirrus toward NE in the morning; d in the afternoon.

5----d in the forenoon; ↯ NNW in the evening.

6----●° in the evening.

7----○, ⌈↯° NE in the afternoon.

8----Cloudy weather.

9----d in the morning and at night; ● in the afternoon.

10----↯ ESE in the evening.

11----⌈↯° NE quadrant in the forenoon; local thundershowers in the evening.

12----Convergence of Cirrus toward N in the morning; ⌈↯ NE, ⊤ SE, d in the afternoon; ↯ various points in the evening.

13----⌈↯ SW and WNW, ● in the afternoon.

14----● in the morning and afternoon.

15----d in the early morning; ⊤° NNE, ⌈↯ SW and NW in the afternoon.

16----Local thundershowers in the afternoon.

17----⊤ ESE, ↯ N and SSE in the evening.

18----↯ N in the evening.

19----Convergence of Cirrus toward E in the morning; ⌈↯ NE, p in the afternoon.

20----Cloudy weather.

21----d° in the morning and afternoon; coloration of clouds at sunset.

22----⌓ early in the morning; ○ in the morning; intense coloration of clouds at sunset; ⌈↯ N quadrant, ● at night.

23----Somewhat rainy and squally weather, especially at night.

24----Somewhat rainy weather with gusty NNW winds veering gradually to ESE.

25----Somewhat rainy weather with some gusts of SEly winds.

26----Somewhat gusty SW winds in the afternoon.

27----⌓ early in the morning; ⌈↯ N in the afternoon; ↯ NE in the evening.

28----○ in the afternoon; d°, somewhat gusty Wly winds in the evening.

29----Squally weather; d° in the morning.

30----Gusty SWly winds at intervals in the morning.

31----d° in the morning; ●° in the afternoon.

OBSERVATIONS FOR NOVEMBER, 1915.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	58.30	58	57.90	58.10	58.55	59.10	59.60	59.80	60	59.79	59.30	58.67
2	**60.05**	59.50	58.80	58.55	58.55	58.95	59.51	59.70	59.97	59.90	59.40	59.05
3	**57.75**	57.30	56.15	56	55.80	55.87	55.85	56.04	56	55.27	54.11	52.71
4	**52.75**	53.15	53.40	53.80	54.80	55.97	56.95	57.79	58.30	58.04	57.65	57.25
5	59.45	59.20	59	58.95	58.95	59.45	60.05	**60.50**	60.49	60.23	59.62	58.96
6	**59.55**	59.10	58.50	58.80	59	59.55	59.26	59.20	58.70	58.82	58.39	58.13
7	58.75	58.50	58.50	58.55	58.45	58.75	59.35	59.16	**59.52**	59.36	58.89	58.34
8	58.70	58.45	58.25	58.25	58.50	59.04	59.49	59.76	**60.06**	60	59.44	58.87
9	58.90	58.60	58.60	58.80	58.85	59.56	59.91	60.16	**60.20**	59.85	59.24	58.59
10	58.20	57.65	57.45	57.05	57.20	57.46	57.93	58.11	**58.56**	58.16	57.56	56.81
11	54.20	54.35	**54.10**	54.80	55.70	56.51	57	57.50	58.06	58.21	58.01	57.24
12	57.65	57.70	57.20	**56.90**	57.10	58.12	58.69	59.49	59.52	59.56	59.15	58.44
13	59.95	59.25	59.25	59.10	59.40	59.95	60.35	60.38	60.44	60.19	59.75	59.32
14	60.40	59.90	59.95	60.20	60.60	60.99	61.33	**61.59**	61.57	61.36	61.01	60.41
15	60.75	60.55	60.35	60.40	60.85	61.22	61.79	62.02	**62.04**	61.82	61.37	60.59
16	60	59.60	59.15	59.15	59.45	60.07	60.73	60.95	**60.97**	60.83	60.29	59.60
17	59.10	58.55	58.55	58.60	58.65	59.01	59.59	59.82	**60.24**	60.20	59.94	59.47
18	59.90	60.05	59.70	59.75	60.05	60.56	61.11	61.44	61.79	**61.99**	61.25	60.99
19	61.45	61.15	60.85	60.65	60.70	60.96	61.60	**62.06**	62	61.90	61.65	61.01
20	61.25	61	60.45	60.25	60.50	60.74	61.22	61.73	**61.78**	61.51	60.99	60.39
21	60.50	60.05	59.35	59.50	59.70	59.94	60.29	60.84	**61.07**	60.84	60.77	59.97
22	59.10	58.65	58.40	58.40	58.40	58.92	59.32	59.59	59.81	59.82	59.14	58.49
23	59.30	59	58.50	58.80	58.80	59.09	59.54	59.79	**60.09**	59.66	59	58.52
24	58.40	58.05	57.45	57.60	57.60	57.87	58.37	**58.97**	58.95	58.41	58.12	57.40
25	56.90	56.75	56.45	56.50	56.65	57.22	57.72	**58.13**	58.01	57.85	57.45	56.59
26	55.90	55.75	55.60	55.25	55.50	55.69	56.30	56.90	57.24	57.02	56.88	56.23
27	57.10	56.50	56.60	56.55	56.90	57.41	57.89	58.11	58.21	**58.33**	57.89	57
28	57.30	57.10	56.75	57.05	57.30	57.82	58.52	**58.81**	58.74	58.67	58.28	57.84
29	58.15	57.70	**57.40**	57.60	57.90	58.62	58.82	59.17	59.26	**59.46**	59.05	58.59
30	58.80	58.65	58.50	58.55	59	59.39	59.69	60.40	60.45	**60.54**	60.21	59.34
Mean	58.62	58.32	58.04	58.08	58.31	58.79	59.26	59.60	**59.73**	59.59	59.13	58.49

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24	24.1	24.3	24.1	24	**23.7**	24.5	26.4	28.3	28	28.7	28.5
2	25.7	25.9	25.4	25.2	25.1	25.2	26.6	28.1	28.5	27.9	28.1	27
3	25.3	25.2	25.2	25	24.1	24.3	24.7	25	24.5	25	25.6	25.3
4	**23.8**	**23.8**	24.2	24.2	24.4	24.5	24.5	26	27.4	28.6	28.1	29
5	24.6	24.3	24.2	24.1	**23.8**	**23.8**	24.8	28.3	30	30.7	31.5	31.7
6	25.4	25	24.7	24.5	24.3	24.3	24.7	25.7	26.2	28.1	28.2	28.8
7	23.2	22.9	23.2	23	23	**22.5**	23.6	26.5	28	29.5	29.7	29.5
8	23.4	22.9	22.8	22.5	**22.4**	22.5	23.6	26.2	28.3	28.7	29	29.4
9	24.6	24.3	23.8	23.7	**23.6**	23.7	24.1	25.6	27.6	27.9	29.1	**29.7**
10	24.4	24.6	24.3	24.5	24.3	24.3	24.4	24.8	25.5	**26.1**	25.7	25.4
11	24.9	25	25	25	**24.2**	**24.2**	24.8	25.5	27.2	27.3	27.6	27.2
12	24.9	24.7	24.4	24.2	23.9	**23.6**	24.8	25.8	26.4	28	30.3	**31**
13	24.3	24.2	24.1	23.9	23.8	**23.3**	24.1	27.2	28.9	28	28.1	29
14	24.8	24.8	24.4	24.2	24.3	24	24.4	27.1	29	30.1	28	29.2
15	22.9	22.7	22.3	21.9	21.9	**21.7**	22.7	26.6	28.8	28.5	27.5	29
16	22.7	22.5	22.2	21.9	21.6	**21.5**	22.1	26.4	28	29.7	29.7	29.3
17	24.2	23.8	23.8	23.8	24.1	24.2	24.7	25.5	28.3	28.1	**29.9**	28.7
18	21.9	22.5	22.5	**21.7**	**21.7**	22.8	23.7	25	27.2	26.9	29.2	29.5
19	22.5	23.3	22.7	22.3	**22.2**	22.7	23.2	24.6	26.3	28.6	28	30.6
20	23.9	23.9	23.5	23.5	22.7	**22.3**	23.8	27.3	29.4	30.1	31	30.6
21	23.8	23.3	**23.1**	23.4	**23.1**	23.2	23.9	26.8	28	28.8	**29.9**	**29.9**
22	23.4	**23.3**	**23.3**	23.8	23.6	23.7	24	26.1	27.8	28.8	29.5	28.8
23	23.7	23.7	23.4	23.5	**23.1**	23.2	24.2	25.8	27.3	28.1	28.7	29.4
24	23.8	24.1	24	**23.3**	23.9	23.5	24.1	25.3	26.1	28.5	28.4	28.7
25	24.4	24.1	24.1	23.5	23.4	**23.3**	23.9	25.7	27.1	28	28.5	28.7
26	24.4	24.3	24.3	24.3	24.3	**23.8**	24.2	26.3	28.2	28.9	28.6	28.8
27	25	24.7	24.7	24.6	24.3	**24.2**	24.5	25.6	27.1	28.1	27.9	28.3
28	24.5	24.3	24.1	23.9	23.9	**23.4**	23.9	26.6	28.9	28.6	**29.1**	27.3
29	24.2	23.9	23.8	23.6	23.2	**22.8**	23.7	26.6	28.6	27.7	28	28.2
30	24	23.6	23.4	23.8	23.7	23.6	24.1	25	27.8	27.6	27.9	28.7
Mean	24.1	24	23.8	23.7	**23.5**	**23.5**	24.1	26.1	27.7	28.3	28.6	28.8

ATMOSPHERIC PRESSURE, 700^{mm}+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57.87	57.24	**56.96**	57.08	57.49	58.07	58.52	59.20	59.55	**60.20**	59.75	59.55	58.69
58.30	57.52	**57.13**	57.15	57.95	58.04	58.50	59.05	59.10	58.85	58.45	58.30	58.76
51.55	50.53	48.58	47.72	46.09	45.68	**45.36**	46.10	47.95	50.45	52.05	52.85	**52.24**
56.85	56.50	56.19	57.15	57.45	57.78	58.63	59.10	59.50	59.85	**60.05**	59.85	57.03
58.27	57.81	57.48	**57.42**	57.87	58.28	58.84	59.70	60	60.20	60.05	59.90	59.19
57.72	57.12	**56.93**	57.13	57.40	57.73	58.40	59	59.20	59.40	59.35	59.25	58.57
57.73	57.08	**57.02**	57.25	57.73	58.17	58.55	59.10	59.20	59.10	59.10	59.05	58.55
58.21	57.73	**57.56**	57.72	57.99	58.30	58.95	59.45	59.55	59.40	59.35	59.05	58.84
57.88	57.19	**56.94**	56.99	57.44	58.02	58.77	59.10	59.35	58.90	58.65	58.60	58.71
56.32	55.32	54.86	54.64	54.87	54.37	54.28	54.15	53.70	**52.60**	52.90	53.90	56
56.75	56.69	56.23	56.38	57	57.41	57.86	58.55	**58.60**	58.40	58.05	57.80	56.89
57.75	57.50	57.70	57.54	58.37	58.59	59.33	60.05	**60.35**	60.20	60.20	60.20	58.64
58.71	58.04	**57.92**	58.29	58.77	59.06	59.73	60.35	60.65	**60.85**	60.75	60.55	59.62
59.47	58.82	**58.56**	58.88	59.39	60	60.60	61.05	61.15	61.35	61.30	61	60.45
59.65	59.24	**58.69**	58.73	59.19	59.59	60.13	60.55	60.60	60.35	60.35	60.15	60.46
58.59	**58.08**	58.12	58.15	58.57	59.08	59.50	60.05	60.25	60.40	60.05	59.70	59.64
58.69	58.14	**58.05**	58.17	58.50	58.73	59.38	59.95	60.20	60.15	60.15	59.90	59.24
60.19	59.72	**59.54**	59.72	59.95	60.54	60.97	61.40	61.65	61.85	61.70	61.60	60.73
60.29	60.13	**59.75**	60.16	60.36	60.48	60.80	61.20	61.40	61.40	61.55	61.35	**61.04**
59.61	59.24	59.19	**59.04**	59.20	59.64	59.75	60.50	60.65	60.90	60.60	60.40	60.44
59.60	58.72	**58.35**	58.37	59.07	59.19	59.60	60.30	60.45	60.55	60.15	60.30	59.89
58.19	57.75	**57.38**	57.60	57.91	58.34	59.09	59.95	59.95	59.90	**60.05**	59.95	58.92
57.62	57.14	**56.78**	**56.78**	57.15	57.89	58.59	58.95	59.25	59.30	59.10	58.90	58.65
56.75	56.45	**56.14**	56.18	56.65	57	57.72	57.95	58	58	57.90	57.45	57.64
55.72	55.21	**54.91**	55.02	55.42	55.98	56.75	57.05	57.20	57.10	57	56.50	56.67
55.53	55.03	**54.72**	55.12	55.84	56.47	56.89	57.15	57.40	**57.50**	57.40	57.40	56.28
56.38	55.59	**55.48**	55.56	56.10	56.35	57.20	57.35	57.80	57.95	57.90	57.70	57.08
57.19	56.93	**56.63**	56.68	56.94	57.37	58.05	58.45	58.70	58.60	58.75	58.55	57.79
57.67	57.43	**57.40**	57.59	57.65	58.22	58.78	59.35	59.20	59.40	59.45	59.05	58.45
58.42	58	**57.79**	58.24	58.52	59.25	59.83	60.05	60.20	60.15	59.85	59.80	59.32
57.78	57.26	**56.97**	57.08	57.43	57.79	58.31	58.80	59.02	59.11	59.06	58.95	58.48

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
28.6	**30.5**	29.7	29.3	28.6	27.4	27	26.3	26.1	25.8	25.7	25.7	26.6
28.5	**28.7**	28.1	27.6	27.9	26.2	25.7	25.4	24.6	**24.4**	25.9	26	26.6
25.6	25.6	25.7	**26.1**	25.9	**26.1**	25.8	25.7	24.5	**23.7**	24.7	24.1	25.1
30.2	29.2	28.8	25.9	25	25.5	25.3	25.3	25	24.9	25.2	25	26
32.2	31.7	31.2	30.7	28.9	27.8	27.3	26.9	26.8	26.8	26.6	26	**27.7**
29	**29**	28.7	28.4	27.1	25.9	25.2	24.7	24.5	23.8	23.8	**23.7**	26
29.1	**30.8**	29.8	28.5	27.6	26.5	25.8	25.1	24.4	24.3	23.9	23.7	26
30.4	29.2	29.5	27.7	27.5	26.8	26.4	26.1	25.7	25.3	24.9	24.9	26.1
29.7	29.6	29.6	29.6	29.4	28	27.2	26.6	26	25.3	25	24.8	26.6
24.9	24.5	24.6	24.6	**23.6**	23.7	24.3	24.2	23.9	24.1	24.8	25	**24.6**
28.8	29	**29.8**	28	27.1	26.6	26.3	26.1	25.8	25.5	25.4	25	26.3
30.1	29	27.3	27.6	26.9	26.2	25.9	25.4	25	24.8	24.7	24.5	26.2
31.5	31.6	**32.1**	31	28.7	27.3	26.7	26.1	25.9	25.4	25.4	25.1	26.9
30.2	**30.9**	30.6	30.5	29.3	27.7	26.3	25.2	24.5	24.3	23.7	**23.2**	26.7
28.9	29.5	29.7	**29.8**	28.2	27	25.8	24.8	24.1	23.9	23.4	22.9	25.6
30.5	30	27	27.1	27.1	26.6	26.1	26	25.4	25.1	24.7	24.7	25.7
28.8	28.1	27.8	28.5	27.2	25.9	24.9	23.6	23.4	22.6	22.5	**22.3**	25.6
30.5	**31**	30.2	28.2	26.7	25.1	24.4	23.5	23	22.7	22.8	22.6	25.2
31.3	27.8	28.4	25.8	26.3	25.5	25	24.1	23.4	23.2	23.6	23.4	25.2
31.2	30.9	29.8	29.5	28.2	26.5	26.6	26.4	25.7	24.4	24	23.5	26.6
26.7	26	29.8	29.7	27	25.2	25	24.5	24.3	24.5	24.1	23.7	25.7
29.9	28.7	29.7	27.3	26.4	25.2	25.2	24.8	24.7	24.2	24.2	23.7	25.8
29.6	29.6	**30.5**	29.1	27.5	25.8	25.5	24.9	24.6	24.4	24	23.8	26
29.5	28.5	**29.7**	28.1	27.5	26.6	25.9	25.4	25.1	24.6	24.5	24.6	26
29.4	**30.5**	30.4	28.2	27.5	26.9	26.5	25.9	25.5	25.3	24.7	24.6	26.3
28.9	**29.8**	28.8	28.7	27.5	26.7	26.5	26.1	25.6	25.4	25.5	25.3	26.5
28.2	28.2	29.7	**30**	26.8	25.5	25.4	25.4	25.4	25.6	25.8	25	26.2
26.9	28.5	28.9	27.5	26.5	26	25.8	25.7	25.6	25.2	24.9	24.6	26
29.1	27.1	27.8	28.2	27.2	26.1	25.6	25.6	25.1	24.7	24.6	24.2	25.8
29.1	28.8	28.9	28	27.1	25.8	24.7	24.2	23.6	23.3	**22.9**	**22.9**	25.5
29.2	29.1	29.1	28.3	27.3	26.3	25.8	25.3	24.9	24.6	24.5	24.3	26

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	97	97	96	97	97	98	95	87	77	73	78	80
2	95	93.5	95	96	95	95	88	81	80	82	79	85
3	83	83	85	87.5	91	89	86	83	88	85	84	88
4	94	93	95	94	93	92	93	89	81	71	81	76
5	95	97	95	93	95	96	93	80	72	69	64	66
6	95	96	97	96	96	96	94	88	86	78	77	75
7	97	98	95	96	96	97	91	80	75	70	68	72
8	97	98	97	96.5	96	96	92	81	77	77	78	76
9	95	96	97	97	97	97	97	91	81	81	77	71
10	93	92	93	91.5	93	92	94	94	89	85	88	88
11	87	89	90	90	95	96	92	89	82	81	80	83
12	92	92	93	92	94	95	92	88	87	81	71.5	67
13	97	97	96	97	95	98	97	81	76	82	81	76
14	93	92	93	94	94	96	94	82	75	73	79	74
15	93	93	92	95	94	95	93	80	69	72	77	73
16	93	94	94	96	95	95	95	76	70	67	66	67
17	97	98	97	96	94	94	90	85	74.5	74	67	73
18	95	93	93	96	95	89	85	79.5	74	73	63	61
19	89	84.5	89	91	92	89	86	81	74	64	67	57
20	87	88	90	88	92	94	85.5	70	64	65	57.5	60
21	88	91	94	93	95	93	86	69	69.5	69	62	67
22	98	98	97	94	93	91	93	85	74	71	70	71
23	91	91	92	91	94	93	88	79	76	73	73	66
24	89	86	88	92	88	91	89	83.5	79	70.5	70	70
25	95	95	95	97	98	97	97	89	79	79	75	76
26	97	95	96	92	93	95	94	85	76	73	75	75
27	95	97	96	96	97	97	95	92	86	81	84	81
28	95	97	97	97	96	97	95	86	76	80	78	88
29	96	97	97	97	97	97	94	85	73	79	82	79.5
30	98	97	96	92	92	90	87	83	74	76	80	76
Mean	93.5	93.6	94	94	94.4	94.3	91.7	83.4	77.1	75.3	74.4	73.9

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.6	21.5	21.6	21.7	21.6	21.4	21.7	22.3	21.9	21.9	22.7	23
2	23.3	23.2	22.9	22.8	22.5	22.6	22.7	22.9	23	22.7	22.2	22.5
3	19.8	19.9	20.3	20.6	20.4	20.1	19.8	19.7	20.1	20	20.6	21.2
4	20.6	20.4	21.3	21.1	21.2	21.1	21.3	22.3	22.1	20.7	22.9	22.5
5	21.8	21.8	21.3	20.8	20.8	20.9	21.7	22.7	22.7	22.5	22	23.2
6	22.9	22.5	22.3	21.9	21.6	21.6	21.8	21.7	21.8	22	22	22
7	20.6	20.4	20	19.9	19.9	19.7	19.8	20.6	21.1	21.3	21	22.2
8	20.8	20.4	20.1	19.5	19.4	19.4	19.9	20.5	21.9	22.5	23.1	23
9	21.8	21.6	21.3	21.2	21.1	21.2	21.7	22.1	22.3	22.6	23.1	22
10	21.2	21.2	21	20.9	21	20.9	21.3	21.9	21.7	21.3	21.5	21.3
11	20.5	21	21.2	21.2	21.3	21.5	21.5	21.7	21.9	21.7	21.9	22.2
12	21.4	21.4	21.2	20.7	20.7	20.5	21.3	21.6	22.3	22.7	22.9	22.5
13	21.8	21.7	21.4	21.3	20.8	20.9	21.5	21.6	22.4	22.9	22.9	22.7
14	21.7	21.3	21.2	21.1	21.2	21.2	21.3	21.8	22.3	23	22.1	22.3
15	19.3	19	18.4	18.5	18.3	18.2	19	20.6	20.4	20.8	21	21.6
16	19	19	18.6	18.7	18.3	18.2	18.7	19.6	19.7	20.6	20.4	20.3
17	21.7	21.5	21.3	20.9	21	21.1	20.8	20.7	21.3	21	21.1	21.3
18	18.5	18.8	18.8	18.4	18.2	18.3	18.6	18.7	19.8	19.2	19	18.8
19	18.1	18	18.3	18.2	18.3	18.3	18.2	18.6	18.9	18.6	18.7	18.5
20	19.2	19.4	19.3	18.9	18.9	18.8	18.7	18.8	19.4	20.8	19.2	19.5
21	19.3	19.4	19.7	19.9	19.9	19.7	18.9	18.2	19.5	20.2	19.4	21.1
22	21	20.9	20.7	20.6	20.1	19.9	20.7	21.4	20.6	20.8	21.6	21
23	19.7	19.7	19.7	19.6	19.7	19.7	19.8	19.5	20.5	20.6	21.3	20.2
24	19.4	19.3	19.5	19.6	19.4	19.6	19.8	20	19.9	20.4	20	20.5
25	21.6	21.1	21.1	21	21	20.7	21.5	21.9	21.1	22.1	21.8	22.2
26	21.9	21.4	21.6	20.9	21	20.8	21.1	21.6	21.6	21.5	21.7	22
27	22.4	22.3	22.2	22	21.8	21.7	21.7	22.4	22.8	22.9	23.4	23.2
28	21.7	21.8	21.5	21.5	21.1	20.6	20.9	22.2	22.4	23.1	23.5	23.8
29	21.5	21.5	21.2	20.9	20.4	20.1	20.5	21.9	21.3	21.6	22.9	22.5
30	21.8	20.9	20.4	20.2	20.1	19.4	19.5	19.4	20.6	20.8	22.3	22.2
Mean	20.9	20.7	20.6	20.5	20.4	20.3	20.5	21	21.2	21.4	21.6	21.7

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
82	**74**	75	76	82	89	90	92	93	94	94	94	88
82	80	82	87	84.5	92	93	93	93	91	**78**	78.5	87.4
90	89	87	**82**	87	90	93	92	**96**	94	90	91	88.1
71	75	78	91	95	93	94	95	**97**	**97**	95	96	88.7
66	68.5	73	74	81	87	89	91	93	92	90	93	83.9
75	**74**	76	78	87	92	90	93	91.5	96	**97**	96	88.3
74	**67**	71	83	86	90	91	92	94	95	97	**98**	86.4
69	75	72	84	85	88	91	92	93	93	95	93	87.1
72.5	75	75	75	73	79	85	86	84	88	90	90	85.4
89	90	90	89	**97**	**97**	91	93	95	94	91	88	**91.5**
73	72	**68**	78	83	86	87	87	88	88	88	91	85.1
69	75	82	81	86	90	90	93	93	94	95	**96**	87
66	66	**61**	65	74	83	83	88	88.5	92	92	93	84.4
70	67	**66**	70	75	80	79	85	87	88	91	92	82.9
75	75	76	74	79.5	80.5	84	88	91	90	91	93	84.3
63	65	83	87	88	90	93	91	93	92	95	93	85
72	78	76	70.5	75	81	83	89	88	94	93	93	84.7
56.5	**52**	56	63	70	78	80	84	87	87	86	88	78.5
55	71	68	79	76	80	81	86	90	89	87	89	79.8
56.5	57	59	57	65.5	73.5	71	73	79	87	88	90	**74.9**
82	84	**61.5**	65	83	90	91	93	95	93	95	**98**	83.6
69	74	**66**	75	81	88	88	90	87	89	87	91	84.2
66.5	63	**61.5**	63	68	76	78	83	84	85	88	89	79.7
66	70.5	**66**	74	76	80	82	87	90	93	**94**	93	82
72	**67**	70	83	86	89	92	89	92	93	97	96	87.4
80	76	78	79	84	88	89	92	92	93	92	93	86.8
82	79	72.5	**67**	86	93	94	94	94	93	92	92	89
91	85	80	85	89	92	93	93	93	96	96	96	90.5
76	83	82	82	87	91	93	93	94	94	95	**97**	89.2
71	73	73.5	77	82	84	88	90	90.5	92	94	94	85.4
72.7	73.3	72.8	76.4	81.7	86.3	87.5	89.6	90.8	91.9	91.8	92.5	85.3

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
23.8	23.9	23.3	23.1	23.8	**24.1**	24	23.3	23.3	23.2	23.1	23.1	22.7
23.6	23.3	23	**24**	23.6	23.2	22.9	22.5	21.4	20.8	**19.5**	19.6	22.5
22	21.8	21.3	20.7	21.6	22.6	**22.8**	22.5	21.9	20.5	20.8	20.4	20.9
22.5	22.6	22.8	22.6	22.4	22.6	22.6	22.7	22.8	22.6	22.6	22.5	22
23.7	23.8	**24.5**	24.4	24	24	23.9	24	24.2	24.1	23.1	23.1	**22.9**
22.3	22	22.2	22.4	**23.2**	22.8	21.4	21.5	20.9	20.9	21.2	**20.8**	21.9
22.2	22.2	22	**23.9**	23.6	23	22.4	21.7	21.3	21.4	21.3	21.4	21.4
22.3	22.6	22	23.1	23.2	23	**23.3**	23	22.9	22.3	22.2	21.8	21.8
22.4	**23.2**	**23.2**	22.9	22.2	22.3	22.8	22.3	21	21.2	21.2	**20.9**	22
20.9	20.5	20.7	**20.4**	20.9	21	20.6	20.9	20.9	21	21.1	20.8	21
21.6	21.5	21.1	21.9	22	**22.2**	22.1	21.8	21.6	21.4	21.3	21.3	21.6
22	22.3	22.1	22.1	22.8	22.8	22.4	22.5	22	21.9	21.9	21.9	21.9
22.9	22.8	21.8	21.9	21.7	22.3	21.5	22.1	22	22.1	22.1	22.1	22
22.4	22.4	21.5	22.6	22.7	22	20.2	20.3	20	19.9	19.7	**19.5**	21.4
22.1	23	**23.5**	23.1	22.5	21.3	20.7	20.5	20.2	19.8	19.5	19.3	20.4
20.6	20.5	22.1	23.1	**23.5**	23.1	23.3	22.7	22.3	21.9	21.9	21.5	20.7
21.2	**22**	21	20.4	20.2	20	19.5	19.2	18.8	19.1	18.8	**18.6**	20.5
18.3	**17.5**	18	17.8	18.2	18.5	18.2	18	18.1	17.8	17.7	17.9	**18.4**
18.6	**19.8**	19.5	19.5	19.4	19.4	19.1	19.1	19.2	18.7	18.8	19	18.8
19.1	19.1	18.4	**17.4**	18.6	18.9	18.3	18.8	19.4	19.7	19.5	19.3	19.1
21.3	21	19.2	20.2	**21.9**	21.4	21.3	21.3	21.4	21.3	21.1	21.4	20.3
21.7	**21.7**	20.4	20.2	20.7	20.8	20.8	20.9	20	19.9	**19.6**	19.9	20.7
20.5	19.3	19.9	18.8	**18.5**	18.8	19	19.3	19.3	19.3	19.5	19.4	19.6
20.4	20.4	20.4	21	20.8	20.6	20.4	20.9	21.3	21.4	**21.5**	21.4	20.3
21.8	21.8	22.7	**23.6**	23.4	23.4	**23.6**	22.2	22.2	22.2	22.3	22	22
23.6	**23.6**	22.8	23.1	23	22.9	22.8	23	22.4	22.3	22.2	22.2	22.1
23.2	22.4	22.4	**21.3**	22.4	22.4	22.7	22.7	22.7	22.8	22.7	21.7	22.4
24	**24.5**	23.6	23.2	22.8	22.9	23.1	22.9	22.8	22.8	22.4	22	22.5
22.8	22	22.6	**23.2**	**23.2**	22.9	22.8	22.8	22.3	21.8	21.8	21.8	21.9
21.4	21.6	21.7	21.7	21.8	20.7	20.4	20.2	19.6	19.6	19.5	19.5	20.6
21.8	21.8	21.7	21.8	**22**	21.9	21.6	21.5	21.3	21.1	21	20.9	21.2

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu.		Cu. E	Ci.-S.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
2	A.-Cu. E	Cu. ENE	A.-Cu. E	Cu.	Ci.-S.	N.-cf. E		N.-cf. E		N.
3		N.		Cu.-N. NE		Cu.-N. NE		Fr.-N. NEbyN		Cu.-N.
4	Ci.-S.	Cu. SW	Ci.	Cu. SSE	Ci.	Cu. SSE	Ci. NWbyW	Cu. SSE	Ci.	Cu.
5		Cu.		Cu.		Cu.		Cu.		Cu.
6	Ci.-S.	Cu.	Ci.-S.	N.-cf.	Ci.-S.	Cu.	A.-Cu. ENE	Cu.	A.-Cu. ENE	Cu.
7		Cu.	A.-Cu. E	Cu.	A.-Cu. E	Cu.	Ci.	Cu. ENE		Cu. E
8		Cu.		Cu.		Cu.		Cu. E		Cu. E
9	Ci.-S.	Cu. E	Ci.-S.	N.-cf. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu. E
10	Ci.-S.	Cu.-N. NEbyN		N.		Cu.-N. NEbyN		N.		Fr.-N. NbyE
11		Fr.-N.	Ci.-S.	S.-Cu. SSE		Cu.-N.	Ci.-S.	S.-Cu. SSE	Ci.-S.	S.-Cu. SSE
12	Ci.-Cu.	Cu.	Ci.	Cu. E	A.-Cu.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu.-N.
13		Cu.	Ci.	Cu. E	Ci.	Cu. E		Cu. E		Cu.
14	A.-Cu.	Cu. NE	A.-Cu.	Cu. NE	Ci.	Cu. NE	Ci.	N.-cf. ENE		Cu.
15		Cu.		Cu.		Cu.		Cu. E		N.-cf. E
16		Cu.		Cu.		Cu.		Cu. E		Cu. E
17	A.-Cu.	Cu. E	Ci.-S.	Cu. E	A.-Cu.	Cu. E		Cu. E		Cu.-N. E
18	A.-Cu.	Cu. NE	A.-Cu.	Cu. ENE		Cu. ENE	A.-Cu.	Cu. ENE	Ci.	Cu. E
19		N.-cf. ENE		Cu. ENE		Cu. ENE		Cu. ENE		Cu. ENE
20		Cu.		Cu. ENE		Cu.		Cu. E		Cu.
21		Cu.		Cu. ENE		Cu. ENE		Cu. ENE		Cu.
22		Cu. E		Cu. E		Cu. E		Cu. E		Cu.
23		Cu. ENE	Ci.-S.	Cu. E	Ci.	Cu. E		Cu. E		Cu.
24	Ci.-S.	Cu. E	Ci.	Cu. ENE	Ci.	Cu. ENE		Cu.-N. E	Ci.	Cu. E
25	A.-Cu.	Cu.	A.-Cu.	Cu. E		Cu. E		Cu. E		Cu. E
26	A.-Cu.	Cu. E	Ci.	Cu. E		Cu. E		Cu.-N. ENE	Ci.-S.	Cu.-N.
27	Ci.-S.	Cu.	Ci.-S.	N.-cf. SE		N.-cf. SE	Ci.-S.	N.-cf. SE	Ci.-S.	Cu. SE
28	Ci.	Cu.	Ci.	Cu. ENE	Ci.	Cu. ENE		N.-cf. ENE		Cu.-N.
29	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.	A.-Cu. E	Cu. E		N.-cf. E
30	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu. E	Ci.	Cu. E

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu.-N. E	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.	Ci.	Cu. E
2		N.-cf. E		N.-cf. E		Cu.-N. ENE		Cu.-N. ENE	Ci.	Cu.-N. E
3		Cu.-N. NNE		Cu.-N.		Cu.-N. NW		N. NW		N.
4	Ci.-S.	Cu. SbyE		Cu.-N. SSE		Cu.-N. SSE		Cu.-N.		Cu.-N. SSE
5		Cu.-N.		Cu.-N.	A.-Cu.	Cu.-N.		Cu.-N.		Cu.-N.
6	A.-Cu.	Cu.-N.	A.-Cu. ESE	Cu.	A.-Cu.	Cu. SSW	A.-Cu. E	Cu.	Ci.	Cu.
7		Cu.-N. E		Cu.-N. E		Cu.-N. E	Ci.	Cu.	Ci.	Cu.
8		Cu. E		Cu. E		Cu.-N. E		Cu.-N. E	A.-Cu.	S.-Cu. E
9	Ci.	Cu.	Ci. NE	Cu.	Ci.	Cu.-N.	Ci.	Cu. E	Ci.	Cu. E
10		N.		N. NbyW		N. NbyW		Fr.-N. NE		Fr.-N. ENE
11	Ci.-S.	S.-Cu. SSE	Ci.-S.	S.-Cu. SSE	Ci.-S.	S.-Cu. SSE	A.-Cu.	S.-Cu. SSE		S.-Cu. SSE
12	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	S.-Cu.
13	Ci.-S. NE	Cu.	Ci.-S. NE	Cu.	Ci.-S. NEbyN	Cu.	Ci.-S. NNE	Cu.	Ci.-S.	Cu.
14	Ci.	Cu. EbyN	Ci.	Cu. EbyN	Ci.	Cu. EbyN	Ci.-S.	Cu. EbyN	Ci.-S.	Cu.
15		Cu. E		Cu.		Cu.	Ci.	Cu.	Ci.	Cu.
16		Cu. E		Cu. E		Cu.-N. E	A.-Cu.	Cu.-N. E	A.-Cu.	N.-cf. E
17	Ci.	N.-cf.	Ci.-S.	N.-cf. E		Cu. E	A.-Cu.	Cu.		Cu.
18		Cu.		Cu. E		Cu.	A.-Cu.	Cu. E		Cu. E
19	Ci.-S.	N.-cf.		Cu. E	Ci.-S.	Cu.-N. ENE		Cu.-N. ENE		Cu. E
20		Cu.	Ci.	Cu. ENE		Cu. ENE		Cu. ENE		Cu.
21		Cu.-N. ENE		Cu.-N. ENE		Cu. ENE		Cu. ENE		Cu.-N. ENE
22		Cu.-N. E		Cu.-N. E		Cu. E	A.-Cu.	Cu.-N. E		Cu.-N.
23		Cu.		Cu.		Cu. E		Cu. E	Ci.	Cu. E
24		N.-cf. E		S.-Cu. E	A.-Cu.	Cu.-N. E		Cu.-N E	A.-Cu.	Cu.-N. E
25		Cu. E		Cu. E		Cu.-N. E		Cu.-N. E		Cu.
26		Cu.-N. E		Cu.-N. E		Cu.-N. E	A.-Cu.	Cu.-N.		Cu.-N.
27	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.-N.		Cu.-N.
28		Cu. ENE	A.-Cu.	Cu. ENE		N.-cf. ENE	A.-Cu.	N.-cf.	A.-Cu.	S.-Cu.
29	A.-Cu.	Cu.-N. E	A.-Cu.	Cu.-N.	A.-Cu. E	Cu.-N.	A.-Cu.	Cu.-N. E	A.-Cu. E	Cu.
30	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu.-N. ENE	Ci.-S.	Cu.-N. ENE	Ci.	N.-cf. ENE

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	ESE 0.5	ESE 0.5	Calm	ESE 0.5	ESE 0.5	SE 1	SE 1	Calm	NW 1.5	WNW 2	W 1.5	Calm
2	S 1.5	SW .5	Calm	Calm	Calm	Calm	Calm	NW 5.5	NW 3	NW 1.5	NNW 1	NNW 2.5
3	NW 3.5	NW 3	NW 3.5	NW 2	NW 2.5	NW 4.5	NNW 4	NNW 2.5	NNW 3.5	NNW 4	NWbyN 2.5	NNW 2
4	SE 4	SE 4.5	SE 5.5	SE 3.5	SE 4	SE 5	SE 3.5	SE 3.5	SE 5.5	SE 2	SEbyE 2.5	SEbyE 4.5
5	SE 1	E 1.5	E 2.5	E 1.5	E 1.5	ESE .5	ESE .5	E 1	ESE 1	ESE 1.5	ESE .5	E 1
6	Calm	Calm	Calm	SSW 1	S 1	Calm	WNW .5	Calm	NW 3	Calm	Calm	Calm
7	SE 1.5	SE .5	Calm	Calm	Calm	Calm	Calm	Calm	SEbyE 1	ESE 1	W 1.5	SW 1.5
8	NE 1	N 1	Calm	N 1	N 1	Calm	Calm	NNE .5	Calm	SSW 1.5	SW 1.5	WSW 1
9	Calm	N .5	N .5	Calm	NE .5	Calm	Calm	Calm	SSW .5	WSW 1	WSW 1.5	WSW 1
10	N 1	NNW 2	N 2	NNW 3	NW 3	NNW 1.5	Calm	Calm	Calm	Calm	NNE 1.5	NWbyN 8.5
11	ESE 5	ESE 5.5	SEbyE 4	SEbyE 5.5	SE 4.5	ESE 3.5	ESE 5	ESE 1.5	ESE 4.5	ESE 3	SEbyE 8	ESE 6.5
12	E 1	Calm	E 1.5	NE 2.5	NE 1.5	Calm	Calm	E 1	E .5	E 1	ESE .5	ESE 4.5
13	Calm	ENE 2.5	Calm	Calm	ENE 1	Calm	Calm	E 1	E 1.5	NNW 3	W 2.5	WNW 1.5
14	ESE 1	NNE 2	NNE 2	NNE 1.5	NNE 1.5	Calm	Calm	Calm	ESE .5	SE 1.5	WSW 2.5	W 3
15	Calm	Calm	NE 1	NE .5	NE .5	Calm	Calm	Calm	E 1	SW 2.5	WSW 1.5	WSW 3
16	Calm	NE .5	NE 1	NE 1	NE 1	Calm	Calm	NNW .5	NNE 3	NNE 1	W 2.5	NNE 2.5
17	NNE 1	NE 1	NNE 1	NNE 1	N 1.5	Calm	NEbyE .5	Calm	NNE 1	Calm	NE 2.5	Calm
18	Calm	NE .5	NE 1	NE 1.5	NNE 1.5	NE 1	NE 2.5	NE 2.5	ENE 1.5	NE 1.5	NE 1.5	E 2.5
19	NE 2	NNE 2	NNE 1.5	Calm	Calm	NE .5	E 2.5	Calm	Calm	NNE 1	NE 4.5	NEbyE 1
20	NE 1	NE 1	NNE 2	Calm	Calm	NW 1.5	Calm	N 2.5	NNE 1.5	NNW 1.5	NE 4.5	NE 2
21	ENE 2	N 2.5	NNE 2	NNE 2.5	NE 2.5	NNE 1.5	NE 1.5	N 2	N 5	NNE 5.5	NE 3	Calm
22	Calm	NE 1	NNW 1	NNW 2	N 2.5	NNE 2.5	ENE .5	NNE .5	NNE 1.5	NNE 2	NNE 1.5	NNE 2.5
23	N 1.5	N 1.5	N 1	N 2	NNE 1.5	N 2.5	NNE 1.5	NNE 1	N 1	N 3	NNE 3	NNE 3.5
24	NE 2.5	NE 2.5	N 2	N 1.5	N 2.5	Calm	Calm	NNE 1	NNE 2.5	N 3	NNE 4	NNE 4.5
25	Calm	N 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SSW 1.5	SSW 1	WSW 2
26	Calm	Calm	Calm	Calm	NW .5	Calm	Calm	Calm	WSW 1	WSW 1.5	WSW 1.5	WSW 1.5
27	N 1.5	Calm	N 1.5	N 1.5	Calm	Calm	Calm	Calm	Calm	Calm	NNW 1	W 2
28	N .5	N .5	Calm	N .5	Calm	Calm	Calm	N .5	Calm	W 1	WbyN 4	SSW 1.5
29	Calm	Calm	Calm	S .5	Calm	Calm	Calm	Calm	NW 1	W .5	WNW 3.5	W 4
30	Calm	N 1.5	Calm	N 1	N 1.5	NNE 1	NNE 1	Calm	Calm	SW 2	WSW 1.5	WSW 3.5
Mean	1.1	1.3	1.2	1.2	1.3	0.9	0.8	0.9	1.5	1.7	2.3	2.4

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WNW 1	WNW 1	Calm	WNW 0.5	WNW 0.5	Calm	Calm	S 1	S 1	S 0.5	Calm	S 0.5	0.6
2	Calm	Calm	NNW 1.5	Calm	Calm	Calm	Calm	Calm	NNE .5	NE 2.5	N 3	N 3.5	1.1
3	Calm	NW 5	W 12	W 12	WSW 17.5	SW 26	SW 27	SW 18	SSW 13.5	S 13.5	S 10.5	SSE 9.5	8.4
4	SE 2.5	Calm	SE 3.5	Calm	Calm	Calm	Calm	E 1	E 1	SE 1.5	SE 1.5	SE 1	2.5
5	ESE .5	WSW 4	Calm	SWbyW 3.5	SWbyW 1.5	Calm	Calm	Calm	Calm	Calm	SW 1	Calm	1
6	SW 1	WSW 2	Calm	Calm	Calm	SW .5	SE 2	SE 1.5	SE 2	SE 1.5	SE 1.5	Calm	.7
7	WSW .5	W 3.5	WNW 3.5	Calm	Calm	Calm	E 1.5	NE 1.5	NE 1.5	NE 1	Calm	NE .5	.9
8	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NE .5	Calm	N 1	.4
9	WNW 1	WSW 1.5	WSW 1.5	Calm	Calm	Calm	Calm	E 1.5	E 1	E 1	NE 1.5	NE 1	.6
10	NWbyN 5	NW 4.5	NWbyN 4	NW 6	NNW 8	NWbyN 11.5	NWbyN 14	NWbyN 9	NNW 10.5	NNW 13.5	NEbyE 9	ESE 10.5	5.3
11	ESE 1.5	SE 2.5	Calm	Calm	Calm	Calm	Calm	E 2.5	E 2.5	SE 2	E 1.5	E 1.5	2.9
12	Calm	Calm	EbyS 2.5	Calm	Calm	Calm	Calm	Calm	ESE 1	E 1	ENE 1	Calm	.8
13	SE .5	ESE 1.5	E 2	ESE 1.5	ESE .5	Calm	Calm	SE 1	SE 1.5	ESE 1.5	ESE .5	ESE .5	1
14	WbyS 3	WNW 2	WNW 2.5	W 2	Calm	ENE 2	E 2	E 1.5	ENE 2	NE 2	NE 1.5	NE 1	1.5
15	W 2	S .5	Calm	Calm	Calm	Calm	Calm	NE 2	NNW 1	N 1.5	N 1.5	Calm	.8
16	Calm	NE 3.5	NE 3.5	Calm	Calm	Calm	Calm	ENE 1	NE 1	Calm	Calm	NNE 1	1
17	SSE 2.5	SSW 1	Calm	Calm	E .5	Calm	Calm	NNE .5	N .5	Calm	NNW 1.5	Calm	.7
18	ENE 1.5	ENE 2.5	E 3	E 2.5	ENE 1	Calm	Calm	NE 1	NNE 1	NNE 1.5	NNE 1.5	NE 1.5	1.4
19	ENE 1	NE 1.5	N 2.5	NNE 4.5	NNE 2	NE 2.5	ENE 3	NE 1	NNW 1.5	Calm	Calm	Calm	1.4
20	NE 7	NE 9	NEbyN 7	NE 3.5	NNE 2	N 2.5	NE 4	NNE 2	Calm	Calm	NE 1	NE 1	2.4
21	N 4.5	N 2.5	NE 1	Calm	NE 1	N 1	N 2	NNE 3	N 1.5	N 2	N 1.5	NNW 1	2.1
22	Calm	Calm	NNE 4	NNE 2	Calm	EbyN .5	Calm	NE 1.5	NE 2	NE 1.5	N 2	NE 1.5	1.4
23	NNW 6.5	NNE 4	NNE 1.5	NNE 5.5	N 4	N 1	N 1	N 1.5	N 1.5	N 1	N .5	N 1.5	2.2
24	NNE 1.5	N 2	NEbyN 3	Calm	NE 1	NNW 1	N 2	NNW 1.5	Calm	NE .5	NE .5	NE .5	1.6
25	SW 1.5	SW 1.5	SW 1	NE .5	W .5	Calm	Calm	S 1.5	SE 1	SE 1	Calm	Calm	.6
26	WNW 2.5	Calm	Calm	Calm	Calm	Calm	Calm	NE 1.5	Calm	NW 2	Calm	N 1.5	.6
27	W 3	WNW 2.5	W 1	ENE 1.5	NE 1	Calm	Calm	NE .5	NE .5	Calm	NW 1	Calm	.8
28	SW 1	WSW 1	SW .5	S 2	SSE .5	Calm	Calm	S .5	Calm	S .5	Calm	Calm	.6
29	WSW 2	Calm	Calm	Calm	Calm	Calm	Calm	SE 1.5	SE 1.5	E 1	NE 1	NE .5	.7
30	SW 1	SW 1.5	SE 2	Calm	Calm	Calm	Calm	Calm	Calm	NW 1	Calm	Calm	.8
Mean	1.8	2	2.1	1.6	1.4	1.6	2	2	1.7	1.8	1.5	1.4	1.6

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	0.5	1.5	1.5	3	2.5	4	4	5.5	3.5	9.5	9.5	**10**
2	1.5	3.5	3	1	2	0	1	9	12.5	**14.5**	9	13
3	10.5	11.5	11	11	6.5	12.5	11	8	8.5	12.5	12	8
4	18	17	14	**20.5**	14	18.5	13	11.5	17.5	15	17.5	11.5
5	.5	0	3	4.5	2.5	4	2	5	6	7	11	8
6	2	3	1.5	2	1	3	3.5	4	10	5.5	4.5	7.5
7	4	2.5	2.5	2	2	1	4	4	3.5	3.5	8	8
8	0	0	.5	1	.5	1	2.5	3	4	3.5	**11**	10.5
9	.5	.5	0	0	1	0	0	1	2.5	6.5	**15**	13
10	3	5.5	6.5	6.5	7	10	5.5	0	0	3.5	4	11
11	**26**	19.5	15.5	18	16	16	12	14	16	17	20	13
12	3.5	2.5	2	7	5	1	3	7	4.5	2.5	8	11
13	0	0	1	0	0	0	1.5	3.5	4.5	6.5	11	12
14	.5	2.5	5	3	1.5	2.5	.5	0	3.5	4.5	**12**	9.5
15	.5	.5	2	1	1	0	1.5	.5	1	8	**11**	10
16	0	.5	0	.5	1	0	0	.5	4.5	6	7	9
17	1	2	1	1	2	4	6	6	6	2.5	5	3
18	0	0	1.5	4	3.5	5.5	6.5	8.5	7.5	8.5	6	8
19	3.5	7	3.5	3	0	4.5	5.5	10	7	9	14.5	17.5
20	1	0	1	1.5	.5	.5	1	2	6	3.5	10.5	22
21	1	5	5	8	6	4	4	8.5	8.5	18	**18.5**	11.5
22	1	1	1.5	3.5	6	8	7	3	10	10	12	14.5
23	3	5.5	3.5	6.5	5.5	3.5	6.5	8	10	11	10.5	12.5
24	6	8.5	9.5	5.5	7	4	1	3.5	16.5	19	**25**	16
25	0	0	0	0	0	0	0	0	0	2.5	4.5	**11**
26	.5	.5	1	2	2.5	1.5	1	.5	5.5	6	**11.5**	6
27	4	1	.5	1	.5	0	0	.5	0	.5	3	8
28	0	0	0	0	0	.5	.5	1	.5	5	**12.5**	9
29	0	.5	2	2.5	3	2	3	2	6.5	6.5	**14**	12.5
30	2.5	2.5	3.5	4	5.5	7	5.5	2	.5	1	**11**	10
Mean	**3.2**	3.5	3.4	4.1	3.5	4	3.8	4.4	6.2	7.6	11	10.9

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	*m.*
1	2	3	5	8	8	8	8	8	9	8	8	10	7.1	4	50
2	8	5	4	10	10	10	8	8	7	5	8	3	7.2	4	15
3	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
4	10	10	9	9	8	10	8	8	7	10	10	5	8.7	1	50
5	2	2	2	2	2	2	3	3	3	2	2	1	**2.2**	**10**	**20**
6	10	9	9	9	9	8	10	10	9	8	4	2	8.1	0	15
7	2	1	4	2	6	3	6	6	7	4	5	5	4.2	7	35
8	1	1	1	1	2	4	8	6	9	9	8	4	4.5	7	10
9	8	8	9	8	8	6	4	5	5	3	4	3	5.9	6	55
10	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0**	**00**
11	10	10	10	10	10	9	10	10	9	10	10	10	9.8	1	05
12	7	4	6	9	9	8	10	10	10	10	10	10	8.6	1	20
13	3	1	4	7	8	6	7	5	5	5	5	3	4.9	8	00
14	8	7	4	6	8	5	4	6	3	6	8	2	5.6	7	55
15	3	3	2	1	2	7	8	4	3	3	4	5	3.8	8	25
16	2	1	2	1	4	7	7	8	9	6	7	8	5.2	5	55
17	10	9	9	8	9	10	9	8	3	3	4	9	7.6	3	20
18	10	6	8	9	8	9	2	2	2	9	6	3	6.1	5	20
19	10	10	4	5	4	5	9	3	6	10	4	6	6.3	5	15
20	2	4	4	2	8	3	4	5	4	3	2	1	3.5	9	20
21	3	3	6	4	7	6	10	9	4	5	10	10	6.4	6	45
22	3	5	4	4	7	2	9	7	5	8	3	6	5.2	6	45
23	7	2	7	3	7	3	3	3	4	4	3	7	4.4	7	50
24	10	10	2	6	10	4	10	9	9	9	5	10	7.8	2	40
25	7	5	6	5	4	6	5	5	9	6	6	6	5.8	4	50
26	4	3	4	3	10	9	9	10	10	10	10	10	7.7	4	15
27	9	9	9	9	9	8	7	7	8	10	10	10	8.8	0	25
28	3	4	4	6	8	9	9	6	9	8	8	4	6.5	4	30
29	3	4	3	6	9	10	9	9	9	9	7	7	7.1	4	10
30	4	8	8	9	8	7	8	10	8	8	8	7	7.8	1	55
Total														143	10
Mean	6	**5.6**	**5.6**	6.1	7.4	6.8	**7.5**	7	6.8	7	6.6	6.2	6.6	4	46

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
8	9	9	4	6.5	1	1.5	3.5	4	1.5	0	2	4.4
4	1.5	8.5	9.5	4	1.5	0	0	1.5	7	5	11.5	5.2
7.5	11.5	28	43	47	63	**68**	63	46	46	40	36	**25.9**
12	11	17.5	9.5	6.5	2.5	0	.5	0	1.5	0	.5	10.4
7	7	11.5	13.5	**15.5**	8	4	2	1.5	0	3	2.5	5.4
10.5	7.5	6.5	3.5	0	2	5	5	7.5	5	4.5	4	4.5
10	11	**11.5**	5.5	.5	.5	2.5	3	.5	1	.5	.5	3.8
10	6	6	3.5	1	0	0	0	0	.5	.5	0	**2.7**
14	12.5	12.5	8	5	2.5	4.5	3.5	4.5	4.5	2.5	4.5	4.9
12	15.5	18.5	23	26	25	29	32	36	**38**	**38**	35	16.3
16	15.5	13.5	9	8.5	7	6.5	7.5	7.5	8	7	3	13
8	8	**11.5**	4	.5	0	1.5	0	.5	0	.5	.5	3.8
8.5	7	11.5	**13.5**	8.5	4	3	1.5	2.5	2	1.5	.5	4.3
9	10.5	11	7	4.5	3.5	5.5	5	6	6	3.5	1.5	4.9
10.5	8.5	8	5	4.5	3.5	7	4.5	1	3.5	1.5	2.5	4
8	**14.5**	13.5	3	1	1	0	.5	1.5	1	.5	1.5	3.1
4	**6.5**	5	3	.5	.5	1	0	1	0	2	1.5	**2.7**
10.5	11	12	**13.5**	9.5	3	4	1.5	.5	1.5	5	4	5.6
8.5	15	12.5	**19**	14	10.5	11	6	1	1	0	0	7.6
27	**34**	31	24	11	7	15	15	6	0	1	1	9.2
13	12	10.5	5.5	6.5	8	4.5	8	6.5	3.5	4	7	7.8
11.5	11	13	**22**	8.5	3	2.5	2.5	6	5.5	3.5	4.5	7.1
16	**19**	16.5	16.5	17.5	10.5	8.5	3.5	3	5	2	3.5	8.6
13	18	15	9	5	4.5	11.5	7	1	1	.5	.5	8.6
9.5	9.5	9	3.5	4.5	3.5	1.5	4	4.5	5.5	.5	.5	3.1
3.5	3.5	2	5	6.5	5	3.5	5	3	3.5	2	6	3.6
10.5	8.5	8	8.5	**12.5**	7	1	0	0	0	1.5	.5	3.2
6.5	8	6.5	6.5	4.5	1.5	1	3	3	2	1	1	3.1
12	8.5	2.5	4	4.5	2.5	1.5	4	4.5	4.5	4	3	4.6
7	8	9	5	7	4	1	0	0	0	1	0	4
10.2	11	**11.7**	10.3	8.4	6.5	6.8	6.4	5.4	5.3	4.6	4.6	6.5

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1						4	2		4				1	5	1		7	105	1.6	1.5
2	2	1	1						1		1				3	3	12	124	2.1	.5
3								1	2	1	3	1	2		7	6	1	**622**	**.3**	[a]**105.4**
4					2		17										5	249.5	1.6	39.5
5					6	6	1				1	3					7	129	2.8	
6							5		1	1	2	1		1	1		12	108.5	1.4	
7			4		1	1	3				1	1	2	1			10	92	2.2	.5
8	4	1	2					1			1	1					14	65	2.2	
9	2		3		3					1		5		1			9	118.5	2.1	
10	2	1		1		1									3	12	4	390.5	.4	31.4
11					4	8	7										5	312	2.1	.4
12			2	1	6	4											11	92	1.5	
13				2	3	6	3						1	1		1	7	104	2.8	
14		4	3	2	2	2	1					1	3	2			4	118	2.6	
15	2		4		1				1		1	2	1			1	11	97	2.5	
16		4	7	1									1			1	10	75	2.2	2.1
17	2	5	2	1	1			1		1						1	10	**64.5**	2.2	
18		4	10	4	3												3	135.5	3.4	
19	1	5	6	3	1											1	7	183.5	3.2	
20	2	4	11												1	1	5	221.5	**5.4**	5.3
21	10	5	5	1												1	2	187	2.3	8.6
22	2	8	5	1	1											2	5	171	2.9	.5
23	15	8														1		207.5	4.1	
24	6	6	6													2	4	207.5	3	
25	1		1				2		1	2	3	1	1				12	74	2.3	
26	1			1								4		1	2		15	87	1.8	.7
27	3		3	1									3	2	1		11	77	1.3	6.3
28	4							1	3	1	2	1	1	1			10	73.5	.7	4.6
29			2		1		2		1			1	2	1	1		13	110	1.6	.8
30	3	2					1				3	2			1		12	97	2	
Total	62	58	77	19	35	32	44	4	14	7	18	24	18	16	21	33	238	4,698.5	66.6	208.1
Mean	2.1	1.9	2.6	0.6	1.2	1.1	1.5	0.1	0.5	0.2	0.6	0.8	0.6	0.5	0.7	1.1	7.9	156.6	2.2	6.9

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[a] The amount of rainfall from 6 p. m. of the 3d to 6 a. m. of the 4th was taken from the recording instruments.

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	760. 35	10. 10p.	31. 9	2. 05p.	**98**	24. 1	756. 95	3. 15p.	23. 5	6. 25a.	74	**21.4**
2	60. 10	0. 35a.	31. 3	2. 40p.	96	24	57. 05	3. 15p.	**24.3**	10. 45p.	78	19. 5
3	58. 25	0. 05a.	**26.4**	3. 10p.	96	22. 8	**45.10**	6. 25p.	22. 3	9. 45p.	82	19. 7
4	60. 10	11. 15p.	31. 2	0. 55p.	97	22. 9	52. 65	0. 35a.	23. 3	0. 35a.	71	20. 4
5	60. 55	8. 55a.	**33.6**	1. 45p.	97	**24.5**	57. 42	4. 00p.	23. 6	6. 15a.	64	20. 8
6	59. 85	0. 05a.	30. 6	1. 25p.	97	23. 2	56. 85	3. 15p.	23. 4	11. 55p.	74	20. 8
7	59. 60	9. 15a.	31. 7	1. 30p.	**98**	23. 9	56. 95	3. 05p.	22. 2	6. 25a.	67	19. 7
8	60. 06	9. 00a.	31. 5	2. 40p.	**98**	23. 3	57. 56	3. 00p.	22	4. 55a.	69	19. 4
9	60. 25	8. 55a.	30. 8	11. 50a.	97	23. 2	56. 94	3. 00p.	23. 6	5. 00a.	71	20. 9
10	58. 65	9. 10a.	26. 5	10. 05a.	97	21. 9	52. 30	10. 15p.	23. 4	5. 05p.	**85**	20. 4
11	58. 70	8. 15p.	30. 4	2. 55p.	96	22. 2	53. 95	0. 15a.	23. 5	5. 20a.	68	20. 5
12	60. 35	9. 00p.	32. 2	11. 45a.	96	22. 9	56. 85	4. 20a.	23. 4	5. 55a.	67	20. 5
13	60. 95	10. 20p.	32. 8	2. 40p.	**98**	22. 9	57. 80	2. 25p.	23	6. 05a.	61	20. 8
14	61. 80	8. 35a.	31. 9	2. 05p.	96	23	58. 56	3. 00p.	23. 1	11. 55p.	66	19. 5
15	62. 10	8. 30a.	30. 4	4. 05p.	95	23. 5	58. 65	3. 30p.	21. 5	5. 55a.	69	18. 2
16	60. 97	9. 00a.	31. 5	1. 05p.	96	23. 5	57. 95	2. 30p.	**21.4**	5. 55a.	63	18. 2
17	60. 35	9. 10a.	30. 5	11. 05a.	**98**	22	58	2. 45p.	22. 1	11. 50p.	67	18. 6
18	**62.20**	9. 35a.	31. 9	2. 15p.	96	**19.8**	59. 54	3. 00p.	21. 5	4. 45a.	**52**	17. 5
19	62. 10	8. 45a.	31. 3	1. 00p.	**92**	**19.8**	**59.70**	3. 05p.	21. 8	4. 15a.	55	18
20	61. 78	9. 00a.	32. 2	1. 10p.	94	20. 8	58. 90	2. 25p.	22	5. 55a.	56. 5	**17.4**
21	61. 25	8. 45a.	31. 4	0. 35p.	**98**	21. 9	58. 30	3. 15p.	23	2. 20a.	61. 5	18. 2
22	60. 25	0. 05a.	31. 3	2. 50p.	**98**	21. 7	57. 38	3. 00p.	23. 2	2. 20a.	66	19. 6
23	60. 20	8. 30a.	31. 3	3. 05p.	94	21. 3	56. 75	3. 15p.	22. 6	5. 25a.	61. 5	18. 5
24	59. 20	0. 05a.	30. 5	10. 40a.	94	21. 5	56. 10	2. 55p.	23. 1	4. 15a.	66	19. 3
25	58. 20	8. 15a.	31. 5	2. 50p.	**98**	23. 6	54. 91	3. 00p.	23. 3	6. 00a.	67	20. 7
26	**57.55**	10. 30p.	31. 1	1. 40p.	97	23. 6	54. 72	3. 00p.	23. 6	6. 15a.	73	20. 8
27	58. 33	10. 00a.	30. 8	3. 30p.	97	23. 4	55. 30	2. 45p.	23. 8	5. 30a.	67	21. 3
28	58. 90	8. 20a.	30. 6	2. 40p.	97	**24.5**	56. 55	2. 35p.	23. 1	6. 10a.	76	20. 6
29	59. 60	10. 30p.	30. 7	0. 35p.	97	23. 2	57. 35	2. 05p.	22. 5	5. 55a.	73	20. 1
30	60. 60	9. 45a.	29. 9	0. 55p.	**98**	22. 3	57. 75	2. 45p.	22. 6	11. 40p.	71	19. 4
Mean	760. 10	--------	31	--------	96. 5	22. 7	756. 49	--------	22. 9	--------	68	19. 7

DAILY GENERAL REMARKS.

1----●° in the afternoon; ⚡ W in the evening.
2----● early in the morning; ◠, d in the afternoon; ⚡ WSW at night.
3----d in the morning; squally and rainy in the afternoon and at night; ⚡ N at night.
4----●° in the early morning; ●^{2}, ⛈° NW in the afternoon.
5----Fair weather.
6----d°, ≡° early in the morning.
7----⛈ various points, ●° in the afternoon.
8----Cloudy weather.
9----⚡ N in the evening.
10----Somewhat rainy weather with gusty NWly winds in the afternoon and at night.
11----● early in the morning and in the afternoon.
12----ѱ in the evening.
13----Convergence of Cirrus toward N in the morning; ○, ⊤ N in the afternoon; ⚡ W in the evening.
14----Cloudy weather.
15----As yesterday.
16----● in the afternoon.
17----Overcast.
18----Cloudy weather.
19----◠, d° in the afternoon.
20----Somewhat gusty NE winds in the afternoon.
21----● in the early morning and at night; ●° in the afternoon.
22----d in the early morning and afternoon.
23----d early in the morning.
24----Overcast.
25----Coloration of upper clouds at sunrise; ⊤ N, d° in the afternoon.
26----●° in the afternoon; ⛈ W, ⚡ N, d° in the evening.
27----⛈ E and N, ◠, ● in the afternoon.
28----Convergence of Cirrus toward NW in the morning; ⊤° SE quadrant, d in the forenoon; ⊤ N, ⛈ WSW, ● in the afternoon; ⚡ NW in the evening.
29----Slight convergence of Cirrus toward NE in the morning; ⛈^{2} ESE, ● in the afternoon.
30----Overcast.

OBSERVATIONS FOR DECEMBER, 1915.

ATMOSPHERIC PRESSURE, $700^{mm}+$.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.65	58.85	58.70	59.10	59.30	59.56	60.25	60.96	61.07	60.80	60.43	59.57
2	60.10	59.50	59.45	59.35	59.85	60.26	60.91	61.74	**61.75**	**61.75**	61.49	61.11
3	59.45	58.75	58.75	58.85	59	59.43	59.91	**60.41**	**60.41**	60.38	60.34	59.82
4	59.40	58.90	58.60	58.60	58.85	59.44	59.94	60.23	60.32	**60.41**	60.15	59.20
5	58.75	58.35	58.10	57.95	58.20	58.54	58.77	59.47	59.60	**59.84**	59.54	59.04
6	57.90	57.80	57.05	56.80	56.65	56.67	56.87	57.66	57.91	**57.93**	57.13	56.12
7	**52.50**	51.95	50.95	50.50	50.15	50.15	50.31	49.71	49.30	48.89	47.50	45.70
8	**48.95**	49.25	49.50	49.95	50.80	51.43	52.13	52.94	53.21	53.62	53.86	53.62
9	55.60	**55.35**	**55.35**	55.45	55.70	56.45	56.98	57.76	57.61	57.33	56.99	56.75
10	57.80	57.55	57.35	57.50	57.60	57.95	58.47	59.07	**59.25**	58.97	58.60	58.01
11	58	57.65	57.25	57.05	57.35	57.54	57.89	58.37	58.66	**58.87**	58.46	57.86
12	57.45	57.05	56.85	56.85	56.80	57.45	57.60	58.04	58.17	**58.29**	57.96	57.35
13	57.10	56.75	56.40	56.45	56.55	56.98	57.58	58.15	**58.29**	58.09	57.71	57.02
14	57.40	56.85	56.55	56.55	56.90	57.34	58.04	58.39	58.54	**58.84**	58.28	57.64
15	57.65	57.15	57.25	57.60	57.95	58.26	58.90	59.31	59.44	59.39	58.85	58.05
16	58.95	58.55	58.35	58.20	58.55	58.79	59.75	60.30	**60.35**	60.03	59.70	59.09
17	59.55	59.35	59.20	59.20	59.35	59.49	60.10	60.72	**61.09**	60.72	60.05	59.15
18	59.30	58.85	**58.55**	58.60	59.15	59.54	60.29	60.95	61.07	60.94	60.45	59.99
19	60.95	60.45	60	59.90	60.05	60.55	60.83	61.61	**61.93**	61.73	61.32	60.63
20	61.15	60.80	60.55	60.75	60.70	60.99	61.59	62.21	**62.58**	62.40	61.87	61.02
21	61.80	61.45	61.15	61	61.20	61.34	61.93	62.53	**62.76**	**62.76**	62.43	61.64
22	61	60.40	59.95	59.95	59.95	60.31	60.89	61.39	**61.71**	61.69	61.40	60.94
23	60.40	60	59.90	59.90	60.20	60.48	61.13	61.86	**62.03**	61.90	61.57	60.98
24	61.15	60.45	59.95	60	60.25	60.71	61.29	61.99	**62.05**	61.92	61.47	60.98
25	60.70	60.20	59.75	59.55	59.75	60.08	60.76	60.99	61.40	**61.44**	60.99	60.16
26	60.35	59.65	59.10	59	59.25	59.76	60.42	61.08	**61.38**	60.89	60.04	59.54
27	59.15	58.70	58.60	58.65	58.80	59.12	59.72	**59.84**	59.72	59.34	58.53	57.58
28	57.50	57.25	57	57.10	57.10	57.61	58.24	**58.61**	**58.61**	58.55	57.94	57.04
29	57.25	56.90	56.85	56.60	56.80	57.29	57.84	58.29	58.45	58.35	57.85	57.20
30	58.60	58.55	58.25	58.60	58.55	59	59.40	**60.18**	60.10	59.97	59.54	58.93
31	59.40	59	58.85	58.90	59.10	59.82	60.31	60.70	**60.77**	60.48	60.10	59.44
Mean	58.55	58.14	57.87	57.89	58.08	58.46	59	59.53	**59.66**	59.56	59.11	58.42

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23.2	23.7	23.8	23.3	23.1	23.1	23.6	24.6	26.2	27.9	28.1	**29.1**
2	23.3	23.3	23.3	23.2	23	22.9	23	23	23.4	23.6	23.3	23
3	22.8	22.6	22.7	22.5	22.5	23.1	23.1	24.5	25.4	26.4	**26.6**	26.4
4	21.5	21.2	21.1	20.9	20.9	**20.7**	21.7	24.1	26.6	28.2	28.9	29.8
5	23.5	23.8	23.2	22.8	22.7	22.6	23.3	23.5	26.8	26.2	27.3	27.5
6	21.2	21.2	**21.1**	21.6	21.2	21.4	21.5	23.4	24	25.3	25.5	26.5
7	23.2	23.3	23.8	23.9	23.4	**23.1**	23.2	23.4	23.7	23.9	24	23.9
8	24.6	24.4	**24**	**24**	24.1	**24**	24.1	24.4	25	25.2	25.2	25.1
9	24.4	24.4	24.5	24.4	23.9	**23.8**	24.3	27.2	28.6	29.7	30.2	30.6
10	23.8	23.8	24	23.7	**23.4**	**23.4**	23.6	26.2	28.1	**29.4**	29.2	28.1
11	24.5	24.5	24.1	23.8	23.6	**23.5**	24.1	25.4	26.2	26.4	27	27.4
12	25	25	24.5	**24.3**	24.5	24.5	24.7	25.4	26.8	27.9	27.7	28
13	25	25	24.8	24.8	**24.3**	24.6	24.9	26.3	26.9	27.6	27.6	29.1
14	24.9	24.5	24.5	24.5	24.5	**24.2**	24.7	26.2	27.5	27	28	29.2
15	24.8	24.9	24.8	24.7	24.3	**24.2**	24.9	26.7	27.3	29	28.5	29
16	24.9	24.7	24.9	25	24.7	24.6	24.7	25.7	27	28.3	30.4	29.6
17	23.4	23.1	22.9	22.4	22.3	**22.2**	22.9	25.5	28.1	28.3	28.2	28.9
18	24.3	24	24.3	24.7	24.8	24.7	23.7	23.5	24.2	25.5	26.2	27.4
19	**22.8**	23.1	23	23.2	**22.8**	23	23.7	25.8	27.3	28.2	28.1	**28.8**
20	23.3	23.4	23.4	23.3	23.5	**22.7**	23.6	24.4	26.5	27.1	28.9	**29.7**
21	22.7	22.3	**21.9**	22.2	22	22	23	24.8	26.5	27.7	28.2	28.8
22	22.6	22	21.7	21.3	21.2	**21**	21.7	25.1	26.7	26.8	26.9	28.1
23	22.2	21.9	22	**21.5**	22.4	22.3	22.8	24.5	25.2	27.3	28.1	28
24	23.6	23.1	23	22.6	22.8	**22.5**	23.1	24.5	25.8	27	27.9	**28.8**
25	23.1	22.7	**22.1**	22.3	22.6	22.5	23	24.6	26.4	26.8	28.3	27.8
26	22.4	22.5	23.1	23.8	22.8	**21.9**	22.1	26.2	28.2	29.1	29.5	**29.9**
27	**22.3**	22.5	22.5	22.9	22.6	22.7	23.2	25.1	27.6	29.1	29.3	29.5
28	24.7	24.4	24.2	24.2	24.1	**23.8**	24.2	26.3	27.4	28.3	28.7	28
29	24	23.7	23.2	23	22.6	**22.5**	22.8	25.5	28.3	28.3	27.4	29
30	25.6	25.1	25	24.7	24.4	23.9	24.2	26.2	28.2	**30.1**	29.5	29.3
31	23.4	23.2	23	22.8	22.9	**22.7**	23.2	25	27	28	28.3	**29.4**
Mean	23.6	23.5	23.4	23.3	23.2	**23**	23.4	25.1	26.5	27.4	27.8	28.2

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
58.85	**58.28**	58.45	58.39	59.40	60.02	60.12	60.30	60.90	**61.30**	60.75	60.70	59.82
60.36	59.86	**59.27**	59.55	59.46	59.56	60.26	60.60	60.75	60.65	60.55	60.05	60.34
59.20	58.85	**58.30**	58.45	58.50	58.65	59.18	59.65	60.05	60.10	59.85	59.75	59.42
58.37	57.94	**57.75**	57.88	58.55	58.84	59.14	59.45	59.55	59.60	59.30	59.15	59.15
58.18	57.50	**56.84**	56.93	57.46	57.89	58.41	58.55	58.85	58.85	58.55	58.25	58.43
55.79	55	54.42	54.70	54	54.37	54.76	54.75	54.35	53.90	53.80	**53.40**	55.82
43.77	42.28	**42.03**	42.92	43.92	44.62	45.75	46.35	46.95	47.45	47.95	49	**47.52**
53.27	53.06	53.02	53.43	54.02	53.98	54.68	55.55	**56.25**	56	56	55.95	53.10
55.90	55.42	55.48	55.87	56.17	56.88	57.43	58	**58.05**	58	57.95	58.05	56.69
57.38	56.99	**56.97**	57.14	57.60	57.98	58.29	58.90	59.10	59.10	58.65	58.50	58.11
57.01	56.39	**56.19**	56.23	56.75	56.98	57.65	58.05	58.25	58.35	58.30	58.05	57.63
56.37	55.82	**55.49**	55.68	56.21	56.60	57.10	57.50	57.80	57.80	57.75	57.50	57.14
55.98	55.30	**55.13**	55.38	55.75	56.12	56.75	57.25	57.85	57.95	57.95	57.65	56.92
56.53	55.84	**55.17**	55.51	56.80	57.37	57.50	58	57.95	57.95	57.95	57.95	57.33
57.03	56.74	**56.51**	56.86	57.35	57.77	58.48	59.05	59.25	**59.50**	**59.50**	59.05	58.20
58.27	57.99	57.50	**57.42**	57.60	57.96	58.62	59.25	59.70	59.95	59.65	59.60	58.92
58.44	57.73	57.57	**57.47**	57.70	58.07	58.54	59.25	59.80	59.90	59.85	59.70	59.25
59.31	59.04	58.80	58.94	59.25	59.72	60	60.75	60.80	**61.10**	**61.10**	61	59.90
59.89	59.49	**59.26**	59.59	59.94	60.06	60.55	60.90	61.30	61.40	61.35	61.35	60.63
60.47	59.92	**59.79**	59.94	60.35	60.64	61.18	61.70	62	62.20	62.25	62	61.21
60.84	60.04	**59.83**	60.04	60.15	60.21	60.65	61.15	61.50	61.55	61.45	61.25	**61.28**
60.28	59.48	**58.92**	58.99	59.55	60.01	60.50	60.80	60.90	60.95	61.10	60.95	60.50
60.25	59.73	**59.51**	59.64	60	60.42	61.02	61.50	61.65	61.80	61.65	61.55	60.79
60.24	59.74	**59.49**	59.53	59.90	60.21	60.79	61.05	61.10	61.25	61	61	60.73
59.18	58.69	**58.60**	58.64	59.17	59.86	60.35	60.70	60.85	60.80	60.80	60.75	60.17
58.64	58.10	**58.03**	58.15	58.74	59.20	59.75	59.80	60.05	60.10	59.85	59.60	59.60
56.93	56.31	**55.92**	56.02	56.64	57.10	57.75	58.05	58.10	58.30	58.10	57.90	58.12
56.34	**55.69**	55.89	56.14	56.65	56.93	57.42	57.55	57.75	57.80	57.80	57.65	57.34
56.60	56.27	**56.17**	56.27	56.95	57.58	58.25	58.85	58.95	**59.20**	59.15	59.05	57.62
58.37	**57.92**	57.93	**57.92**	58.22	58.67	59.05	59.25	59.55	59.55	59.70	59.65	58.98
58.63	**57.98**	58.19	57.99	58.15	58.57	59.15	59.30	59.55	59.60	59.45	59.45	59.29
57.63	57.08	**56.85**	57.02	57.45	57.83	58.36	58.77	59.01	59.10	59	58.89	58.39

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
27.9	28.3	27.2	27.2	25	**23**	23.2	23.3	23.5	23.4	23.3	23.3	24.9
23.2	**23.8**	23.4	23.2	23.1	23.1	23.1	23.2	23.1	23	22.9	**22.8**	**23.2**
26.5	26.3	26.2	26	25.1	24.2	23.3	22.8	22.7	22.6	22.4	**22**	24.1
29.6	**30.6**	30.3	29.3	26.5	24.6	23.5	23	22.6	22.2	22.4	23.3	24.7
28.1	27.9	27.1	26.8	25.6	24.6	23.7	23	22.8	22.2	21.6	**21.3**	24.5
26.4	26.5	**26.7**	26.1	26.2	26	24.9	24.6	24.6	24.7	24.3	23.7	24.1
23.4	23.6	23.9	24.8	24.6	24.6	24.7	25.4	**25.7**	**25.7**	**25.7**	24.6	24.1
25.1	25.5	**26**	25	24.6	24.4	24.1	24.1	24.6	24.9	24.2	24.2	24.6
31	**31.3**	30.1	27.8	27	26.7	26.3	25.7	25.1	24.7	24.3	24.1	**26.7**
28.9	27.9	28.1	27.7	26.8	25.5	25	24.9	24.6	24.7	24.8	24.8	25.8
28	**28.1**	**28.1**	27.4	27.2	26.8	26.1	26.1	25.7	25.4	25.1	24.9	25.8
28.6	**28.7**	**28.7**	28	27.8	27	27	26.8	26.3	25.5	25.1	25.1	26.4
29.2	**29.7**	28.3	27.8	27.7	27	26.8	25.9	25.9	26.2	25.5	25.2	26.5
29.8	29.2	**30.5**	28.8	26.2	25.6	25.8	25.6	25.3	25	25.1	25	26.3
30	29.1	29.7	29.2	28.2	27.2	26.8	25.9	25.3	25.2	25	24.9	26.6
30.9	29.4	29.6	29.5	28.3	26.7	26.1	25.4	25.1	25	24.4	**23.7**	26.6
29.9	**30.4**	28.5	29.9	28.6	27	26.2	25.9	25.8	25.4	24.7	24.4	26
27.2	27.4	**27.7**	26.6	25.9	25.2	24.5	24.4	24.5	23.5	**23.2**	23.6	25
28.5	28.1	27	26.1	25.6	24.8	24.1	24.1	23.5	23.4	23.6	23.8	25.1
29.2	28.4	28	27.5	26.9	25.5	24.9	23.9	23.6	23.6	23.2	22.9	25.3
28.5	**29.5**	28	27.6	26.9	25.7	25	24.5	23.8	23.2	23.2	23	25
25.7	27.2	**30**	28.2	27	24.9	24	23.5	23.1	23.3	22.9	22.5	24.5
27.3	**28.5**	27	27	26.5	25.5	25	24.3	24.4	24.3	24.1	23.3	24.8
28.2	27.6	28	27.6	26.5	25.2	24.8	24.5	24.1	23.9	23.4	24.2	25.1
28.2	**28.7**	28.4	27.9	27	26.2	25	24.4	23.7	23.2	23	22.8	25
29.6	29.2	28.4	28.3	27.5	26.1	25.4	24.9	24	23.3	22.9	22.9	25.6
30.1	29.8	29.7	29.1	28.2	27.4	26.5	26.4	26	25.4	24.9	24.6	26.1
28.7	**30.5**	28.2	29.8	29.6	27.1	26.2	25.8	25.4	25.4	25	24.6	26.4
29.8	30.3	**30.6**	29.9	29.3	27.3	26.5	26.3	26	25.9	25.8	25.9	26.4
29.1	29	26.3	28.3	28.2	26.3	25.5	25.2	24.9	24.6	24.3	**23.6**	26.3
28.7	28.7	26.5	27.3	26.2	25.1	24.7	24.5	24	23.7	23.8	23.7	25.2
28.2	**28.4**	27.9	27.6	26.8	25.7	25.1	24.8	24.5	24.3	24	23.8	25.4

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	92	89	87	91	92	93	91	89	81	77	77	**68**
2	**97**	96	96	95	**97**	**97**	96	**97**	96	**93**	96	**97**
3	**94**	92	90	91	90	86	90	82	79	73	**68**	**68**
4	**91**	**91**	**91**	**91**	90	**91**	87	77	67	59	56.5	52
5	88	85	90	92	90	**93**	89	88	75	77	70	68
6	**93**	92	91	87	89	87	88	80	77	72	66	**65**
7	91	91	91	89	93	95	94	92	95	95	95	95
8	91	92	94	93	92	91	92	91	**89**	91	92	93
9	93	92	91.5	92	94	95	95	83	75	71	69.5	67
10	**97**	**97**	95	96	96	**97**	96	85	78	**74**	**74**	78
11	93	93	92	91	93	**95**	91	84	81	80	78	78
12	94	93	97	**98**	97	97	97	92	84	80	81	79
13	96	96	**97**	**97**	92	92	92	88	84	80	81	75
14	93	94	94	95	96	**97**	95	88	84	86	81	76
15	94	93	94	94	95	**96**	92	87	84	77	78	75
16	96	**97**	95	94	95	96	95	89	79	74.5	**66**	72
17	**97**	96	95	96	95	94	91	81	71.5	70	74	73
18	91	91	89	85	82	82	91	**94**	90	84	82	76
19	**86**	83	83.5	82	84	83	78	69	64	65	64	61
20	84.5	85	82	83	80	**87**	80	77	73	71	65	**60**
21	86	88	**89**	87	88	88	82	78	73.5	69	67	64.5
22	90	92	93	**96**	**96**	**96**	**96**	84	74	75	78	71.5
23	88	88	86	**89**	82	84	83	77	76	65.5	65	67
24	84	**89**	87	**89**	87	87	85	78	72	70	65	**62**
25	89	89	**92**	89	87	89	85	78	73	71.5	66	66
26	89	88	84	78	84	88	88	67	65	61	62	**58**
27	**94**	90	91	89	91	91	90	78	70	66	62	63
28	92	95	**97**	**97**	**97**	96	96	88	81	79	78	82
29	96	96	**97**	96	**97**	96	**97**	88	73	74	81	73
30	91	94	94	95	96	**98**	98	89	82	73	76	76
31	97	97	97	97	97	**98**	97	91	78	**72**	77	**72**
Mean	91.9	91.7	91.7	91.4	91.4	**92.1**	90.9	84.2	78.2	75	73.9	72

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	19.5	19.3	**19.1**	19.4	19.4	19.5	19.8	20.4	20.4	21.4	21.8	20.4
2	20.5	20.3	20.3	20	20.2	20	19.9	20.2	20.4	20.1	20.3	20.3
3	**19.3**	18.7	18.5	18.4	18.3	18.1	18.8	18.6	19	18.6	17.6	**17.5**
4	17.3	17	16.9	16.7	16.5	16.5	16.7	17.1	17.2	16.7	16.7	16.3
5	18.9	18.6	18.9	19	18.5	18.9	18.9	18.9	**19.7**	19.5	19	18.7
6	17.3	17.2	16.9	16.8	16.7	16.5	16.8	17.2	17	17.3	**16.1**	16.7
7	**19.3**	19.4	19.8	19.6	19.9	19.9	19.8	19.7	20.6	20.9	**21**	20.9
8	20.8	21	20.8	20.7	20.6	**20.3**	20.6	20.6	21	21.6	21.8	22.1
9	21.2	21	20.9	21	**20.7**	20.8	21.4	22.2	21.9	22	22.1	21.9
10	21.3	21.2	21	20.8	**20.4**	20.6	20.7	21.4	22	22.5	22.2	22
11	21.3	21.3	**20.6**	**20**	20.1	20.4	20.2	20.3	20.4	20.5	20.7	21.3
12	22.1	22	22	22.2	22	22	22.3	22.1	22	22.3	22.3	22.1
13	22.5	22.5	22.5	22.5	**20.9**	21.2	21.6	22.3	22.1	21.9	22.3	22.4
14	21.8	**21.5**	**21.5**	21.7	21.9	21.7	21.9	22.2	**22.8**	22.7	22.7	**22.8**
15	21.9	21.8	21.9	21.8	21.4	21.5	21.6	22.7	22.7	**22.9**	22.6	22.3
16	22.4	22.3	22.2	22.1	21.9	22	21.9	21.9	20.9	21.3	21.2	22.1
17	20.6	20.1	19.6	19.4	18.9	**18.6**	18.9	19.7	20.2	19.9	20.9	21.5
18	20.5	20.1	20.1	19.6	19	18.9	19.9	20.2	20.2	20.3	**20.8**	20.6
19	17.7	17.4	17.4	17.3	17.4	17.3	17	17	17.3	**18.4**	18.1	17.8
20	18	18.1	17.5	17.6	**17.3**	17.8	**17.3**	17.5	18.7	18.9	**19.2**	18.7
21	17.6	17.5	17.4	17.2	17.2	17.2	**17.1**	18.1	18.9	19.1	19	19
22	18.4	18	17.9	18.1	18	17.8	18.6	20	19.4	19.7	**20.6**	20.2
23	17.4	17.3	16.9	17	**16.6**	16.8	17.2	17.6	18.1	17.7	18.5	**18.7**
24	18.1	18.6	18.1	18	17.9	**17.6**	17.9	17.8	17.8	18.6	18.2	18.2
25	18.6	18.3	18.2	17.9	**17.7**	17.9	17.8	17.9	18.8	18.7	18.8	18.3
26	18	17.7	17.6	**17.1**	17.4	17.3	17.3	**17.1**	18.4	18.3	**19**	18.2
27	18.8	**18.3**	18.4	18.4	18.6	18.7	19.1	18.5	19.2	19.8	18.7	19.3
28	21.4	21.6	21.7	21.7	21.5	**20.9**	21.5	22.3	22.1	22.5	22.9	22.9
29	21.2	20.8	20.4	19.9	19.7	**19.4**	19.9	21.3	20.9	21.1	22.1	21.6
30	22.1	22.3	22.1	21.9	21.7	21.6	22.1	22.4	23.2	23	23.2	22.9
31	20..6	20.6	20.3	**20.1**	20.2	**20.1**	20.6	21.3	20.7	20.3	21.9	22.1
Mean	19.9	19.7	19.6	19.5	**19.3**	**19.3**	19.5	19.9	20.1	20.3	20.4	20.3

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
77	70	78	83	90	**97**	**97**	**97**	96	96	**97**	**97**	87.6
97	95	95	95	96	96	96	96	95	95	96	96	**95.9**
73	71	75	74	79	82	86	88	89	88	88.5	89	82.7
51.5	52.5	53	54	63.5	75	81	83.5	86	89	90	88	75.4
67	67.5	**65**	69	77	79	84	85	86	88	91	92	81.5
68	68	68	76	73	75.5	85	86	85	81	84	87	80.1
97	95	91	86	90	90	91	86	**83**	**83**	**83**	91	90.9
92	93	93	**97**	91	93	93	93	92	92	95	95	92.5
64	**64**	69	79	85	87	90	91	93	95	**96**	**96**	84.5
76	81	77	76	83	88	91	90	92	92	91	92	87.2
76	78	**76**	79	81	84	89	88	89	93	94	**95**	86.3
77	**74**	75	79	82	86	85	86	91	95	97	96	88
76	**72**	75	79	80	84	85	91	92	89	93	93	86.6
73	75	**68**	77	86	90	89	92	93	94	94	93	87.6
71	75	**67**	72	79	85	83	89	93	92.5	93	94	85.5
66	74.5	72	74	79	86	89	90	91	87.5	91	96	85.2
69	**69**	75	71	80	86	89.5	91	87	89	88	91	84.1
78	76	**68.5**	71	72	75	78	77	75	82	84	80	81.4
60	61	64	68	69	72	79	78	80	81	80	80	**73.9**
62	62	62	65	69	74.5	75	82	83	83	84	85	75.6
68	**64**	69	70	67	71.5	75	78	83	88	88	89	77.9
83	76	63	**60**	66	79	83	84	85	83	85	86	82.3
67	**64**	67	67.5	69	74.5	76	82	79	79	80	85	76.7
68	69	68	66	71	76.5	78	79	81	83	85	80	77.5
64	64	68	**63.5**	67.5	71	77	80	84	86	87	87	78.1
58	60	63	66	67	73	77	79	84	89	**90**	**90**	75.3
60	62	64	65.5	69	73	79.5	81	85	88	91	93	78.6
78	73	80	**71**	75	86	89.5	90	91	91	92	93	87
68	**66**	67	67	72	85	90	90	89	89	89	88.5	84.4
74	78	90	82	83	92	94	92.5	92	93	94	97	88.5
77	77	88	81	85	89	92	91	94	93	93	93	88.5
72.1	**71.8**	72.7	73.7	77.3	82.4	85.4	86.6	87.7	88.6	89.8	90.6	83.5

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
21.5	20.1	21	**22.2**	21.2	20.2	20.4	20.7	20.6	20.4	20.5	20.7	20.4
20.6	**20.8**	20.3	20	20.1	20.1	20.1	20.2	19.9	19.8	19.8	**19.7**	20.2
18.7	18.1	18.9	18.5	18.6	18.5	18.3	18.1	18.2	17.9	17.8	**17.5**	18.4
15.9	17.1	17.1	16.3	16.3	17.2	17.5	17.4	17.5	17.8	18.2	**18.7**	**17**
18.9	18.8	17.4	18.2	18.7	18.1	18.3	17.8	17.7	17.4	17.4	**17.3**	18.5
17.5	17.4	17.7	19	18.3	18.8	**19.9**	19.7	19.5	18.7	19	19	17.8
20.6	20.5	20.1	19.9	20.7	20.7	**21**	20.7	20.4	20.4	20.4	20.8	20.3
21.9	22.4	**23.1**	22.8	20.8	21.2	20.8	20.8	21.1	21.6	21.3	21.3	21.3
21.2	21.7	22	22	22.5	22.7	**22.8**	22.3	22.1	21.9	21.6	21.4	21.7
22.5	**22.6**	21.8	21.1	21.6	21.3	21.3	21	21.1	21.2	21.1	21.3	21.4
21.3	22	21.4	21.4	21.8	22	22.2	22.1	21.9	**22.3**	**22.3**	22.2	21.2
22.3	**21.7**	21.8	22.3	22.8	22.7	22.5	22.4	**23.2**	23	22.9	22.7	22.3
22.8	22.3	21.5	21.8	22	22.3	22.2	22.6	**22.8**	22.4	22.4	22.2	22.2
22.6	22.6	22.2	22.6	21.8	22	22	22.4	22.3	22.1	22.3	22	22.2
22.5	22.4	**20.6**	21.8	22.4	22.8	21.6	22.2	22.2	22	22	22	22.1
22	**22.6**	22.3	**22.6**	22.5	22.5	22.5	21.7	21.5	**20.6**	20.8	20.8	21.9
21.7	22.3	21.8	22.2	**23.4**	22.7	22.6	22.6	21.5	21.5	20.4	20.8	20.9
20.8	20.5	18.9	18.5	18	17.9	17.8	17.5	**17.2**	17.7	17.9	17.3	19.2
17.3	17.4	16.9	17.1	**16.7**	16.9	17.7	17.3	17.1	17.4	17.3	17.5	17.4
18.8	17.9	17.4	17.7	18.1	18	17.5	18.1	18	18	17.9	17.7	18
19.6	**19.6**	19.3	19.2	17.5	17.5	17.6	17.8	18.2	18.6	18.6	18.5	18.2
20.4	20.4	19.8	**17.1**	17.5	18.6	18.4	18	17.9	17.6	17.7	17.4	18.6
18	18.4	17.7	17.8	17.8	18	18	18.4	18	17.9	17.8	18.1	17.7
19.4	19	18.9	18.1	18.4	18.2	18.1	18.1	18	18.3	18.2	17.9	18.2
18.2	18.7	**19.6**	18.8	17.8	18	18.2	18.2	18.3	18.2	18.1	17.9	18.3
18	18	18.1	18.8	18.3	18.4	18.5	18.4	18.6	18.9	13.7	18.7	18.1
19	19.3	19.8	19.6	19.6	19.9	20.4	20.7	21.3	21.1	21.2	**21.4**	19.5
22.7	**23.6**	22.8	22.2	22.9	22.8	22.6	22.3	21.9	21.9	21.7	21.4	22.2
21.1	21.1	21.9	21.1	21.9	22.9	**23**	22.8	22.3	22.2	22	22	21.4
22	23.3	22.9	23.3	**23.6**	23.3	22.8	22	21.4	21.4	21.2	**20.9**	**22.4**
22.5	22.5	**22.6**	21.7	21.6	21.1	21.2	20.7	20.8	20.2	20.4	20.2	21
20.4	**20.5**	20.2	20.2	20.2	20.2	20.3	20.2	20.1	20	20	19.9	20

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S.	Cu.-N. E	Ci.	Cu. E	Ci.	Cu.-N. E		Cu.-N. E		N.-cf.
2		N.		N. ESE		Fr.-N. ESE		N. E		N.
3	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu. E		Cu.-N. E		Cu.-N. E
4	Ci.	Cu.		Cu.	Ci.	Cu.		Cu.		Cu.
5		Cu.-N. NEbyE		Cu. NEbyE		Cu.-N. NEbyE		Cu.-N. NE		Cu.-N. NE
6	A.-Cu. E	Cu.	Ci.-S.	S.-Cu. NE	Ci.-S.	S.-Cu. NE	Ci.-S.	S.-Cu. NE	Ci.-S.	S.-Cu. NE
7		N. NNW		N. NbyW		N.		N. NbyW		N.
8		N. SSE		N. SSE		N.		Cu.-N. SbyE		N.
9	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
10	Ci.	Cu.	Ci. ESE	Cu.	Ci.	Cu. NE		Cu. E		Cu. E
11	Ci.-S.	S.-Cu. E	Ci.-S.	S.-Cu. E		N.-cf. E		N.-cf. E		N.-cf.
12		Cu.-N.		Cu.-N. E		S.-Cu. E		Fr.-N. E	Ci.	Cu. E
13	Ci.-S.	S.-Cu. NE	Ci.	Cu. NE	Ci.	Cu. ENE	Ci.	Cu. ESE	Ci.	Cu. SE
14	Ci.	S.-Cu. ESE	Ci.	Cu. ESE		Fr.-N. E	Ci.	Cu. E		Cu.-N.
15	A.-Cu.	Cu. E	Ci.	Cu. ENE	Ci.	Cu. ENE	Ci.	Cu. ENE	Ci.	Cu.-N. ENE
16	A.-Cu.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
17	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.		Cu. NE
18	Ci.	Fr.-N. E	Ci.	Cu.-N. E		Cu.-N. E		Cu.-N. E	Ci.	Cu.
19	Ci.	Cu.	Ci.-S. ENE	Cu.	A.-Cu. ENE	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.
20	Ci.-S.	Cu.	Ci.	Cu. E	Ci.	Cu. E		Cu. E	A.-Cu.	Cu.
21	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E
22	Ci.	Cu.		Cu. ENE		Cu. ENE		Cu.-N. NE		Cu.-N. ENE
23	A.-Cu.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu. E		Cu.
24	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.
25		Cu. ENE		Cu. ENE		Cu.-N.		Cu.		Cu.-N. ENE
26	Ci.	S.-Cu.	Ci.	Cu.	Ci.	Cu. ENE	Ci.	Cu. NE	Ci.	Cu. NE
27		Cu. ENE	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. ENE	Ci.	Cu. ENE
28	A.-Cu.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
29		Cu.		Cu.		Cu. E		N.-cf. E		Cu. E
30	Ci.	Cu.	Ci.	Cu. NE		Fr.-Cu.	Ci.	Cu. E		Cu. E
31	Ci. E	Cu.	Ci. E	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1		Cu. E		Cu.-N. E		Cu.-N. E		N.-cf. E		N.
2		N. E		N.		N.		N.		N.
3		Cu.-N. E		Cu.-N. E	Ci.-S.	Cu.		Cu.-N.	Ci.-S.	Cu.
4	Ci.	Cu.	Ci.	Cu. NE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu.
5		N.-cf. NEbyE	Ci.-S.	N.-cf. ENE	Ci.-S.	N.-cf. ENE	Ci.-S.	Cu.	Ci.-S.	Cu.
6	Ci.-S.	S.-Cu. NE	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu. NNE	Ci.-S.	S.-Cu. NE	Ci.-S.	S.-Cu.
7		N. N		N. N		Cu.-N. E		Cu.-N. E		Cu.-N. E
8		N. SbyE		N. SbyE		N.		N.		N.
9	Ci.	Cu.		Cu.		Cu. SE	Ci.	Cu.	Ci.	Cu.
10		Cu. E		Cu.-N. E	Ci.-Cu.	Cu.-N. E		Cu.-N. E		Cu.-N. E
11	Ci.-S.	Cu. E	Ci.	Cu. E		Cu. E	Ci.-S.	Cu. E		Cu.-N. E
12	Ci.	Cu.-N.	Ci.	Cu.	Ci.	Cu.-N.	A.-Cu. NE	Cu.-N.	A.-Cu. NE	S.-Cu.
13	Ci.	Cu.	Ci.	Cu. SE	Ci.	Cu. ESE	Ci.-S.	N.-cf. ESE	Ci.-S.	Cu.
14	Ci.-S.	Cu.	Ci.	Cu. E	Ci.	Cu. E		N.-cf.		Cu.-N.
15	Ci.	Cu.		Cu. E	Ci.	Cu. ENE	Ci.	Cu.-N. E	Ci.-S.	Cu. E
16		Cu. E		N.-cf. E		N.-cf.	Ci.	Cu. E	Ci.	Cu. E
17		Cu.		Cu.		Cu. ENE	Ci.	Cu.-N. ENE	Ci.	Cu.-N. ENE
18		Cu.-N.		Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.-N.	Ci.-S.	Cu. E
19	A.-Cu.	Cu. EbyN	A.-Cu.	Cu. EbyN		S.-Cu. E		S.-Cu. E	A.-Cu.	Cu.
20		Cu. E		Cu. E		Cu.-N. E	A.-Cu.	S.-Cu.	A.-Cu.	S.-Cu. E
21		Cu.	Ci.	Cu. E	Ci.-S.	Cu.-N. E		N.-cf. E	Ci.-S.	N.-cf. E
22	Ci.-S.	Cu.-N.	Ci.-S.	Cu. E	Ci.	Cu. E	Ci.	Cu. E		Cu.
23	Ci.	Cu. E	Ci.	Cu. E		Cu.-N. E		Cu.-N. E		Cu. E
24		Cu. E		Cu.-N. E	Ci.-Cu.	Cu. E	A.-Cu.	Cu. E		Cu. E
25		S.-Cu. ENE		Cu.-N. ENE		Cu. ENE		S.-Cu.		Cu.-N. E
26	Ci.	Cu. E		Cu. E		Cu. E		Cu. E		Cu. E
27	Ci.-S. EbyS	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE
28	Ci.	Cu.		Cu. E		N.-cf. E		Cu. E	Ci.-S.	Cu. E
29		Cu. E		Cu. E		Cu. E		Cu.		Cu.
30		Cu.-N. E		Cu.-N. E		Cu. E	Ci.	Cu.	A.-Cu.	Cu.
31	Ci.-Cu. E	Cu.-N. ENE		Cu.-N. ENE		Cu.-N. ENE	A.-Cu.	Cu.-N. ENE		Cu.-N. ENE

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NNE 1	WSW 1	WSW 0.5
2	Calm	Calm	N 2.5	N 2	NNE 1.5	NNE 1	N 0.5	N 0.5	NbyW 1.5	NNW 1.5	NNW 1	Calm
3	NNE 1	NNE 1.5	Calm	NNE 1.5	NNE 1.5	NNE 1	Calm	NE 1.5	NNE 1.5	NNE 2.5	NNE 2	NE 3
4	NNW .5	Calm	Calm	NW 1.5	NNW 1	Calm	N 1.5	Calm	ENE .5	SE 1	SSE 1	ENE 3
5	Calm	NNW 1.5	N 1	Calm	N 1.5	Calm	NNE 1.5	NNE 1	Calm	Calm	NNE 1	NNE 2
6	Calm	Calm	NNW 1.5	NNW 4	NNW 3.5	NNW 3	NbyW 2	NbyW 3.5	NbyE 1.5	N 1.5	NNW 3.5	NW 7
7	NNW 2.5	NW 5.5	NWbyW 6	WNW 9	NW 6.5	NW 8	NNW 7.5	NW 11	NW 9	NNW 13	NWbyN 18	NbyW 24
8	ESE 10.5	ESE 9	ESE 9	ESE 6.5	SE 6.5	ESE 6	ESE 5.5	ESE 2	SEbyE 3	SE 7	SEbyS 5.5	SE 4.5
9	ESE 3.5	ESE 2.5	ESE 3	ESE 3	SE 2	SE 2	Calm	SE 1	SE 2	SE 2	SE 5.5	SE 3.5
10	Calm	SE 1	Calm	SE .5	Calm	Calm	Calm	Calm	NE .5	NNE .5	W 3.5	WNW 3
11	SSE 1.5	SSW 1	Calm	NNW 1.5	SSW 1	Calm	Calm	Calm	Calm	Calm	SW .5	WNW 1
12	Calm	N 2	NE 1.5	Calm	Calm	N 1	NbyW .5	Calm	NW 1.5	WNW 1	WNW 2.5	WSW 3
13	Calm	Calm	Calm	Calm	NW 1.5	Calm	Calm	Calm	Calm	WNW 3.5	WSW 1.5	W 4
14	NNE 2	NNE 2	NE 2.5	Calm	NE 1.5	Calm	NE 1	ENE 1	Calm	W 2.5	NW 1.5	W 3
15	Calm	NNW 1.5	NNW 1	NNW 2	NNE 1.5	Calm	N 1	NE 1	S 1.5	SSW 1.5	WSW 2.5	SW 3.5
16	Calm	Calm	Calm	Calm	Calm	Calm	NE 1.5	N 1	N 3.5	NE 2.5	ENE 2	SSW 2
17	ENE 1.5	N 1	N 1	NE 1	NNE 1	ENE .5	ENE .5	Calm	Calm	WNW 3	WNW 2	W 3
18	Calm	Calm	NNW 1	NNE 4	NNW 4.5	NNE 2	Calm	Calm	Calm	Calm	Calm	SSE 2.5
19	NNE 1.5	N 2.5	NNW 2.5	NNW 1.5	NNE 2	N 1	N 1.5	N 2	N 1.5	N 1	N 3	NNE 3
20	Calm	N 1	N 1.5	NE 1.5	N 2.5	N 1	N 2	N .5	NE 1	NE .5	NE 1.5	NE 1.5
21	NE 1	NE 1	NNW 1.5	N 1.5	NW 1.5	Calm	NNW 2	NW 2.5	Calm	WSW 1.5	WSW 1.5	SW 2.5
22	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NW .5	WNW .5	SW 1	N .5
23	Calm	W 1.5	Calm	W 1.5	W 2	WNW 2	WNW 1	WNW .5	NW .5	N 1	NNE 2	NNE 3
24	N 1	Calm	Calm	Calm	NW .5	NNW 2	Calm	NNW 1	NNW 1	NNW 1.5	N 1	NNE 2
25	Calm	N .5	N 1	NNW 2	N 2	N 1	N 1.5	N 1	N 1.5	NNE 4.5	NNE 4.5	NNE 2.5
26	Calm	NNW 2	NNW 3	N 2.5	N 2	NNE 1.5	NNE 1	NNW 1	WNW 1	NW 2	NE 2.5	NNE 5.5
27	N 1	N 2	N 1.5	N 2	Calm	Calm	Calm	N 4.5	NNE 4	NNW 4	N 4	N 7.5
28	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	N 2.5	W 2	WSW 3	W 2.5
29	SE 1	NE 1	NE 1	Calm	Calm	NNE 1	Calm	Calm	NNW 1	W .5	W 2	WNW 2
30	NW 2.5	N .5	Calm	Calm	Calm	Calm	Calm	NW .5	Calm	E .5	W 1.5	WNW 3
31	NNE 1	N 1	NE 1	ENE .5	ENE .5	E .5	Calm	Calm	NW .5	WNW 1.5	WNW 1.5	WNW 3
Mean	1	1.3	1.4	1.6	1.5	1.1	1	1.2	1.3	2.1	2.7	3.6

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	Calm	E 1	SE 1.5	Calm	ESE 1.5	E 0.5	Calm	Calm	E 1	NE 1.5	N 2	Calm	0.5
2	N 0.5	N .5	N .5	NE 0.5	NE .5	Calm	Calm	Calm	Calm	Calm	Calm	NNE 0.5	.6
3	NE 1.5	NE 1	Calm	NE 1	ENE .5	Calm	Calm	Calm	S 1	NNW 1.5	Calm	NNW 1	1
4	NEbyN 6.5	ENE 1.5	S .5	NW 1.5	NE .5	ENE .5	ENE 0.5	Calm	Calm	Calm	Calm	Calm	.9
5	NNE .5	Calm	NE 1	NE 1	Calm	Calm	Calm	ESE 1.5	ESE 1	Calm	Calm	Calm	.6
6	NNW 3	NNW 4	NW 4	Calm	NW 1	NW 1.5	Calm	N 1	NW 3	NWbyN 4	NNW 2.5	N 3	2.4
7	NW 14	NW 15.5	NNW 11.5	NNE 3.5	NE 10	NE 7.5	ENE 7	E 10.5	EbyS 13.5	EbyS 13.5	ESE 9	SEbyE 9	10.2
8	SE 4.5	SE 4.5	SE 3	SE 3.5	SEbyE 3	SEbyE 1	ESE .5	SE 2.5	SE 4.5	SE 4	ESE 2	ESE 2	4.6
9	SE 2.5	SE 3	SSW 3	SSW 4	SW 2.5	SSW 3	Calm	SE 1.5	Calm	Calm	Calm	Calm	2.1
10	W 4	Calm	N 2	NNE 2.5	NE 2.5	Calm	Calm	Calm	NE 1.5	Calm	Calm	Calm	.9
11	WSW 2.5	WSW 2.5	W 2	W 1.5	W 1.5	WNW 1.5	NNW 1.5	NNW 1.5	N 2	NNW 1	Calm	Calm	1
12	W 2	W 2.5	W 1.5	SW 2	SWbyW 2	SW 2	SW 4	WSW 2	Calm	NNE 1	Calm	N .5	1.4
13	WSW 1	WSW 2.5	WSW 1.5	SSW 1	SW 1.5	SW .5	SSW 1	SSW 1	S 2.5	S 2.5	Calm	Calm	1.1
14	NW 3	NNE 1.5	Calm	Calm	NNE 1.5	NNW .5	Calm	Calm	N .5	Calm	WNW .5	Calm	1
15	SSW 1.5	W 2	NNE 3.5	NE 1	Calm	Calm	NE 1	NE 1.5	Calm	ENE .5	E .5	Calm	1.2
16	SE 1.5	NE 1.5	ENE .5	ENE 1	E 1.5	Calm	Calm	ESE 1	SE 2	ESE 2.5	SE 1	ESE .5	1.1
17	W 3.5	W 2.5	E 1	E 1	NE 1	Calm	Calm	NNE 1	NNE 1.5	NNE 2	NE 2	NE .5	1.3
18	SSW 2	S 1	NNE 3.5	NNE 4	N 2	NNE 1.5	N 2.5	NNE 2	N 4	N 1	Calm	N 2	1.6
19	NbyW 7	NNW 6	N 4.5	N 3.5	N 1.5	N .5	N 1	N .5	Calm	Calm	N .5	Calm	2
20	SSW 1	WNW .5	N .5	N 1	N 1.5	NE .5	Calm	Calm	Calm	Calm	Calm	Calm	.8
21	SSW 2	S 2	WSW .5	N 1	N 1.5	NNE 3.5	N 2	NW 2	N 1	Calm	SE 1	NW 1.5	1.4
22	NE 1	E 1	ENE 1	NNE 2.5	NNE 1	Calm	Calm	Calm	Calm	W 1.5	NW 1.5	Calm	.5
23	NNE 4.5	NE 3	NNW 5	N 3	N 1.5	Calm	Calm	Calm	N 1.5	N 1.5	N .5	Calm	1.5
24	N 1.5	Calm	NW 2	N 1.5	Calm	N 1.5	N 3.5	Calm	N 1.5	N .5	N 1	N 1.5	1
25	N 3.5	N 1	NNE .5	N 1	NNW 1	N 4	N 2	N 1.5	N .5	Calm	N .5	NW 1	1.6
26	NNW 1.5	N 3	N 1.5	N 1.5	N 1	N 2	N 2.5	NNW 3.5	NNE 1.5	NNE .5	Calm	N 1.5	1.8
27	N 6.5	N 7.5	N 6.5	N 4.5	N 2	N .5	N 1.5	Calm	Calm	Calm	Calm	Calm	2.5
28	W 2	WSW 1.5	NNW 3.5	N 1	NNW 1.5	NE 1	Calm	NE 1.5	E 2	SE 2.5	SE 1.5	SE 1	1.2
29	NW 2.5	NW 2.5	NW 4	NW 4	NW 1.5	Calm	Calm	S 1.5	SE 1.5	SE 1.5	SE 1.5	N 1.5	1.3
30	W 4	Calm	E .5	Calm	Calm	Calm	E 1	E 2	SE 2	SE 2	E 1	E 1.5	.9
31	WSW 2.5	W 4	E 2	E 2.5	Calm	Calm	E 2	E 1	Calm	Calm	WNW 1	WNW 1	1.1
Mean	3	2.5	2.3	1.8	1.5	1.1	1.1	1.3	1.6	1.5	1	1	1.6

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	0	2	2.5	0.5	0	0	0	1	0	0	2	4
2	0	0	4	8	2.5	3.5	3.5	2.5	5	8	4.5	1.5
3	1.5	1.5	3	2.5	4.5	5	4	3	8.5	8	16.5	12
4	0	0	0	2	2	2	6	3.5	2.5	1.5	6	11
5	0	1	.5	0	2.5	1.5	2.5	3	2	6.5	4.5	9.5
6	.5	2	1.5	12	10.5	9.5	11	10.5	8	10	17.5	16
7	7	14	24	30	27	30	33	36	38	46	43	55
8	31	29	23	27	25	27	23	27	26	27	33	27
9	10	9.5	10.5	12	8	8.5	5.5	7.5	12	11.5	16	15
10	3	3	1.5	1.5	1	3	3.5	3	4.5	4	12	14
11	2	1	1	1	0	.5	.5	.5	.5	0	1	6
12	0	2.5	4.5	0	0	0	0	0	5	5	12	10.5
13	.5	.5	.5	1	8.5	2.5	0	0	1	5	13	12
14	5.5	8	6.5	8	5.5	4	4.5	3.5	4	5.5	8.5	11
15	.5	3.5	3	2	5	.5	.5	0	3	6	8	9.5
16	0	0	0	0	0	0	0	2	6	8	4.5	5.5
17	4	3.5	4	4.5	3.5	3.5	4.5	1.5	2.5	9.5	14	14
18	.5	.5	2.5	7.5	13	11	4	.5	1	0	.5	3
19	4.5	3	7.5	6.5	2.5	6.5	5.5	9.5	12.5	9.5	9	15.5
20	0	1	3	4	9	4	9	6	8	1	9.5	7.5
21	.5	.5	.5	.5	2	1	3	4	3	5	10	11
22	.5	.5	.5	.5	1	0	0	0	3	4.5	6	2.5
23	0	1	3.5	1.5	3.5	6.5	3.5	3	5.5	7.5	9	12.5
24	.5	0	0	2.5	2	3.5	1	2	4	4	6	8
25	.5	0	0	5	5	5	5	7	13	15	18	15.5
26	.5	3.5	9.5	10.5	6.5	1	1	1.5	3	5.5	11	18
27	0	2.5	3.5	4.5	1.5	0	1.5	6.5	12.5	17	26.5	27
28	.5	0	0	0	0	0	0	0	.5	1	9	10
29	3.5	3	4	5	2	3	3.5	2.5	5	7	13	14
30	5	5	0	0	0	0	0	0	6	2	11	15.5
31	4	3	3	3	2.5	1	1	1.5	4.5	7.5	12	12.5
Mean	2.8	3.4	4.1	5.3	5	4.6	4.5	4.8	6.8	8	11.8	13.1

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.	
														h.	m.
1	10	10	8	8	10	10	9	9	10	10	10	10	9.5	2	05
2	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
3	10	9	8	9	9	10	10	10	10	10	10	10	9.6	0	00
4	2	1	1	1	2	2	2	4	6	6	7	4	3.2	8	15
5	10	10	9	10	10	10	10	10	10	10	10	10	9.9	0	50
6	4	6	9	10	10	10	10	10	10	10	10	10	9.1	0	35
7	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
8	10	10	10	10	10	10	10	10	10	10	10	10	10	0	00
9	4	4	6	3	5	5	2	3	5	3	3	5	4	7	45
10	3	2	2	2	6	7	8	9	10	10	10	10	6.6	4	25
11	10	10	10	10	10	10	9	8	9	10	10	10	9.7	1	55
12	10	10	10	10	10	6	7	6	6	8	9	10	8.5	3	55
13	10	9	9	9	8	7	4	2	6	9	7	5	7.1	3	45
14	9	8	9	10	7	10	5	7	8	9	10	10	8.5	3	50
15	4	7	8	8	8	9	6	8	8	9	8	10	7.8	3	00
16	4	8	7	7	7	9	6	9	10	6	7	3	6.9	4	20
17	3	2	1	2	2	2	3	2	7	8	8	7	3.9	8	05
18	10	10	10	10	10	9	10	10	9	8	8	7	9.2	0	00
19	9	8	8	8	8	8	9	9	9	9	9	7	8.4	3	40
20	7	9	7	8	7	5	9	9	10	8	9	9	8.1	2	05
21	3	4	3	5	6	7	6	6	10	8	8	4	5.8	5	45
22	4	4	4	9	10	10	10	10	5	4	3	4	6.4	2	45
23	10	7	10	8	7	7	9	9	10	10	10	10	8.9	2	35
24	10	10	10	10	9	10	9	10	10	9	9	10	9.7	1	50
25	9	8	8	8	4.	8	10	8	5	8	9	9	7.8	3	00
26	7	7	6	4	5	5	7	7	9	8	5	3	6.1	5	20
27	5	5	4	4	5	7	9	9	9	9	9	8	6.9	4	05
28	8	6	4	8	7	9	6	5	9	6	7	3	6.5	6	35
29	2	1	1	9	10	5	6	5	3	2	2	2	4	7	00
30	5	3	2	3	5	6	8	10	10	3	3	6	5.3	6	10
31	7	9	5	5	4	4	6	8	10	10	10	7	7.1	4	10
Total														107	45
Mean	7.1	7	6.7	7.4	7.5	7.6	7.6	7.8	8.5	8.1	8.1	7.5	7.6	3	29

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
5	**11**	9	5	10	8	2	3	3	6	5	2	3.4
1	3	4	5.5	4	1	.5	0	0	0	0	.5	**2.6**
9.5	5.5	5	7.5	10	5.5	2	0	1.5	3	0	.5	5
23	12	9	6.5	8.5	0	0	0	1	.5	0	0	4
8.5	**4**	**12**	11	7	6.5	4.5	2	2	0	0	1	3.8
17	10	12	7	7	9	6	3	6	12	13	9	9.2
59	**68**	65	46	48	46	39	36	40	40	39	34	**39.3**
26	23	17	22	17.5	14.5	13	12	12	17.5	6	9	21.4
16	15	15	**17**	14	10	4	6	4	2	4	2	9.8
15	8	4	3	4	4	0	2.5	.5	.5	0	.5	4
10.5	**11.5**	10.5	9.5	6.5	5	5	4.5	5	2	0	0	3.5
11.5	11.5	11.5	13	13	12.5	**14.5**	10.5	2.5	3	3.5	1	6.1
14	11	**16**	12	11	10	6	4.5	5	8.5	5.5	2.5	6.3
17.5	12	4	6	7.5	6.5	1.5	.5	.5	0	.5	0	5.5
9	8	**12.5**	12	4	3	5.5	5.5	3	.5	.5	1	4.4
9	**12**	5	3	4.5	4	2	4.5	6	10	6	2	3.9
14	**14**	10	6.5	6	3.5	0	1	3	6	2.5	2.5	5.8
8.5	6.5	10	**16.5**	8.5	8	6	4.5	7.5	3.5	1	4.5	5.4
23	14	17	14	9.5	6.5	3	2.5	.5	.5	.5	2	7.7
6.5	9	9	7	7	5	2	1	0	0	.5	.5	4.6
10	7.5	7.5	4.5	9	8	6.5	7	.5	.5	1	1.5	4.4
6.5	9	10	**19**	11	.5	0	1.5	2	3.5	5	1	3.7
16.5	9	16	12	8	3.5	1.5	.5	2.5	1.5	2	0	5.4
10	4	3	4.5	5.5	3	2	1	3	1	.5	3	3.1
15	15.5	10	6.5	9.5	9	5	5	0	0	0	1.5	6.9
19.5	17	14	11.5	12	11	10	8.5	2.5	1	.5	2	7.5
23.5	24.5	23	18	16	9.5	4	2	.5	0	0	.5	9.4
9	7	**13**	3	4	5	2	0	2	8	8	2.5	3.5
13	**16**	15	14	9	2.5	.5	2	5	5	4	4	6.5
15.5	4.5	13.5	6	2.5	1	2.5	6	7	5	5	5	4.9
11.5	**13**	12	8	5	7	5.5	4.5	1	3.5	3.5	2.5	5.5
14.6	12.8	12.7	10.9	9.6	7.4	5	4.6	4.2	4.7	3.8	3.2	7

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	1	1	1		3	1	1					2					14	81	1.2	28.3
2	8	3	2													2	9	**62.5**	0	**68.7**
3		9	4	1					1							2	7	120	2	
4	1		2	5			1	1	1						2	2	9	97	4.2	
5	2	5	2			2										1	12	92	2.4	
6	5	1													5	9	4	220	1.5	7.6
7	1	1	2	1	1	3	1								8	6		**943**	.7	41.8
8						10	13	1										514.5	.3	12.4
9						4	10			3	1						6	235	2.7	
10	1	2	3				2						2	1			13	96	2	
11	1							1		2	1	2	3	2		4	8	84	1.8	10.9
12	4	1	1								3	3	3	2	1		6	147.5	2.1	.3
13									2	3	2	4	1	1	1		10	150.5	2.2	
14	1	4	3	1									2	1	2	1	9	131	2	
15	1	2	4	1	1				1	2	1	1	1			3	6	106	2	.5
16	2		3	3	1	3	3			1							8	94	2.6	
17	2	4	4	3	2								3	2			4	138	2.9	
18	5	6						1	1	1						2	8	129	2.9	2.6
19	15	3														3	3	185	4.3	
20	9		6							1				1			7	109.5	2.8	
21	5	1	2				1		1	1	1	3			4	2	3	104.5	3	
22	1	2	1	1	1						1		1	1	2		13	88	2.2	.4
23	6	3	1										3	3	1	1	6	130	3.4	
24	10	1													2	4	7	74	2.7	
25	15	4													1	2	2	166	**4.9**	
26	9	5	1											1	1	5	2	181	4.3	
27	14	1														1	8	224.5	4.4	.5
28	2		2		1		3					2	3			2	9	84.5	2.1	
29	1	1	2				4		1				2	1	5	1	6	155.5	2.7	
30	1				6		2						2	1	2		10	118	1.4	5.8
31	1	1	1	2	5							1	1	5	1		6	132.5	1.5	2.5
Total	124	61	47	18	18	23	41	4	8	14	10	18	27	22	38	53	215	5,194	75.2	182.3
Mean	4	2	1.5	0.6	0.6	0.7	1.3	**0.1**	0.3	0.5	0.3	0.6	0.9	0.7	1.2	1.7	**6.9**	167.5	2.4	5.9

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	761.45	10.50p.	30	1.20p.	97	22.2	758.28	2.00p.	22.5	0.10a.	68	19.1
2	61.90	8.35a.	**24.3**	2.05p.	97	20.8	59.20	3.10p.	22.4	11.55p.	**93**	19.7
3	60.45	8.05a.	27.1	0.40p.	94	19.3	58.30	3.00p.	21.4	11.55p.	68	17.5
4	60.45	10.20a.	31.5	2.25p.	91	18.7	57.75	3.00p.	**19.8**	5.40a.	**51.5**	**15.9**
5	59.84	10.00a.	29	0.40p.	93	19.7	56.84	3.00p.	20.7	11.25p.	65	17.3
6	58.20	0.05a.	27.8	0.10p.	93	19.9	53.40	midnight	20.3	2.30a.	65	16.1
7	**53.40**	0.35a.	26.5	10.05p.	97	21	**41.95**	2.15p.	22.7	1.40a.	83	19.3
8	56.30	8.50p.	26.4	2.50p.	97	23.1	48.90	0.30a.	23.7	7.50a.	89	20.3
9	58.10	8.55p.	**32.2**	1.35p.	96	22.8	55.10	2.25a.	23.5	6.30a.	64	20.7
10	59.30	8.45a.	29.9	1.05p.	97	22.6	56.90	2.20p.	23.2	6.40a.	74	20.4
11	58.90	9.30a.	29.3	2.30p.	95	22.3	56.15	2.40p.	23	4.50a.	76	20
12	58.35	9.50a.	29.9	2.20p.	**98**	23.2	55.45	3.15p.	24	3.45a.	74	**21.7**
13	58.29	9.00a.	30.6	2.05p.	97	22.8	55.10	3.15p.	**24.2**	4.50a.	72	20.9
14	58.85	10.05a.	31.8	3.10p.	97	22.8	55.15	3.05p.	24.1	5.55a.	68	21.5
15	59.55	10.15p.	30.7	1.10p.	96	22.9	56.45	3.05p.	24	5.55a.	67	20.6
16	60.40	8.15a.	31.7	1.35p.	97	22.6	57.42	4.00p.	23.7	midnight	66	20.6
17	61.10	8.55a.	31.6	2.50p.	97	23.4	57.40	3.35p.	22.1	5.30a.	69	18.6
18	61.25	10.15p.	28.7	2.40p.	94	20.8	58.50	3.05a.	22.8	10.20p.	68.5	17.2
19	61.93	9.00a.	29.9	0.50p.	**86**	**18.4**	59.26	3.00p.	22	1.30a.	60	16.7
20	62.58	9.00a.	30.6	0.15p.	87	19.2	59.79	3.00p.	22.6	6.10a.	60	17.3
21	**62.90**	9.30a.	30.7	2.10p.	89	19.6	**59.83**	3.00p.	21.1	5.55a.	64	17.1
22	61.80	9.45a.	30.4	2.55p.	96	20.6	58.80	3.45p.	20.8	6.30a.	60	17.1
23	62.05	8.50a.	29.5	1.50p.	89	18.7	59.45	2.50p.	21.1	4.05a.	64	16.6
24	62.10	8.30a.	29.9	11.25a.	89	19.4	59.40	3.10p.	22.3	6.05a.	62	17.6
25	61.44	10.00a.	30	3.15p.	92	19.6	58.55	2.25p.	22	2.55a.	63.5	17.7
26	61.38	9.00a.	31.3	0.45p.	90	19	58.03	3.00p.	21.4	6.20a.	58	17.1
27	59.84	8.00a.	31.1	1.15p.	94	21.4	55.90	3.05p.	21.8	1.50a.	60	18.3
28	58.70	8.35a.	31.7	2.30p.	97	**23.6**	55.69	2.00p.	23.3	6.20a.	71	20.9
29	59.25	10.30p.	31.6	2.35p.	97	23	56.10	3.15p.	22.4	6.35a.	66	19.4
30	60.25	8.20a.	30.6	10.10a.	**98**	**23.6**	57.80	2.15p.	23.6	midnight	74	20.9
31	60.80	9.05a.	30.9	1.25p.	**98**	22.6	57.95	2.25p.	22.3	6.30a.	72	20.1
Mean	760.04	--------	29.9	--------	94.4	21.3	756.61	--------	22.4	--------	68.2	18.8

DAILY GENERAL REMARKS.

1----● in the afternoon and at night.
2----Rainy weather.
3----Overcast.
4----Cloudy weather.
5----d° in the morning; coloration and convergence of Cirrus toward ENE in the evening.
6----⌓ early in the morning; ○² at noon; d at midnight.
7----Rainy and squally weather.
8----Rainy weather; somewhat gusty SEly winds in the morning.
9----Convergence of Cirrus toward E in the afternoon.
10----Convergence of Cirrus toward E in the morning; d° at 5 p. m.
11----Overcast.
12----● in the early morning.
13----d in the early morning.
14----☈ N, d° in the afternoon; < SW in the evening.
15----d at night.
16----☈ N in the afternoon.
17----☈°, ⌒, d° in the afternoon.
18----Coloration of upper clouds at sunrise; ● in the morning.
19----Overcast.
20----Do.
21----Cloudy weather.
22----d° 11.23 a. m.; d in the afternoon.
23----Overcast.
24----Do.
25----Do.
26----≡° in the morning.
27----d at night.
28----d in the early morning; d°, ⌒ in the afternoon.
29----Cloudy weather.
30----⌓° early in the morning; ⊤ NNE, p, ☈ E, ⌒ in the afternoon.
31----≡° in the morning; ● in the afternoon.

GENERAL SUMMARY FOR 1915.

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS FOR 1915 AND COMPARISONS WITH THEIR NORMAL VALUES.

Month.	Atmospheric pressure.									
	Mean, 1915.	Normal, 1885–1915.	Departure.	Mean maximum.	Mean minimum.	Absolute maximum.	Day.	Absolute minimum.	Day.	Range.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*		*mm.*		*mm.*
January	762.16	761.20	+0.96	763.66	760.61	766.20	17	758.55	7	7.65
February	61.48	61.33	+ .15	63.12	59.77	64.20	15	58.05	11	6.15
March	61.92	60.56	+1.36	63.56	60	64.85	4	58.05	12	6.80
April	60.31	59.44	+ .87	61.82	58.31	63.25	9	56.20	17	7.05
May	58.16	58.36	— .20	59.53	56.45	61	25	55.10	30	5.90
June	57.91	57.95	— .04	59.31	56.23	60.70	16	54.89	11	5.81
July	57.01	57.23	— .22	58.37	55.58	61.25	9	49.80	29	11.45
August	57.44	57.32	+ .12	58.79	56.10	61.15	28	54.40	18	6.75
September	57.45	57.45	0	58.81	55.83	61.09	17	52.05	8	9.04
October	56.40	58.66	—2.26	58.08	54.47	61.95	11	45.20	24	16.75
November	58.48	59.42	— .94	60.10	56.49	62.20	18	45.10	3	17.10
December	58.39	60.44	—2.05	60.04	56.61	62.90	21	41.95	7	20.95
Year	758.92	759.11	—0.19	760.43	757.20	766.20	I 17	741.95	XII 7	24.25

Month.	Temperature in shade.									
	Mean, 1915.	Normal, 1885–1915.	Departure.	Mean maximum.	Mean minimum.	Absolute maximum.	Day.	Absolute minimum.	Day.	Range.
	°C.	°C.	°C.	°C.	°C.	°C.		°C.		°C.
January	24.8	24.9	—0.1	30.9	20.2	32.6	10	17.5	16	15.1
February	25.7	25.3	+ .4	32.8	19.7	34.2	26	17.3	4	16.9
March	26.8	26.6	+ .2	33.8	21.6	36.4	31	18.9	7	17.5
April	28.7	28.1	+ .6	36.5	22.8	38	30	20.6	24	17.4
May	29.2	28.5	+ .7	35.6	24.8	38.6	17	22.6	1	16
June	28.8	27.9	+ .9	35	24.6	36.9	6	23.3	22	13.6
July	27.6	27.1	+ .5	32.3	24.4	36.3	7	22.1	16	14.2
August	26.9	27	— .1	30.8	24	32.9	1	22.5	31	10.4
September	26.8	26.9	— .1	31.6	24	33.4	24	22.4	29	11
October	26.6	26.7	— .1	31.4	23.7	33.9	8	22.4	22	11.5
November	26	25.9	+ .1	31	22.9	33.6	5	21.4	16	12.2
December	25.4	25.2	+ .2	29.9	22.4	32.2	9	19.8	4	12.4
Year	26.94	26.67	+0.27	32.6	22.9	38.6	V 17	17.3	II 4	21.3

Month.	Relative humidity.									
	Mean, 1915.	Normal, 1885–1915.	Departure.	Mean maximum.	Mean minimum.	Maximum.	Day.	Minimum.	Day.	Range.
	Per cent.	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*		*Per cent.*		*Per cent.*
January	78.6	78.1	+0.5	94.4	59.5	99	28, 31	50.5	22	48.5
February	69.5	73.8	—4.3	90.4	45.7	96	1	35.5	4, 15	60.5
March	70.9	71.4	— .5	91.4	48.1	97	21	37	5	60
April	66	69.6	—3.6	90.6	40.9	96	3	32	23, 25	64
May	75.1	75.9	— .8	93.7	53.9	99	21, 31	39	8	60
June	75.5	80.7	—5.2	94	54.3	100	26, 27, 28	36	6	64
July	83.5	84.8	—1.3	96.9	67.8	99	various.	51	7	48
August	87.3	85	+2.3	97.7	73.9	100	13	60	1	40
September	86.4	85.7	+ .7	97	70.6	99	11, 12, 22	59	21	40
October	85.9	83.6	+2.3	95.9	70.6	99	20, 27	56.5	26	42.5
November	85.3	82.4	+2.9	96.5	68	98	various.	52	18	46
December	83.5	81.2	+2.3	94.4	68.2	98	12, 30, 31	51.5	4	46.5
Year	79	79.4	—0.4	94.4	60.1	100	VI 26, 27, 28; VIII 13	32	IV 23, 25	68

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS, ETC.—Continued.

Month.	Vapor pressure.									
	Mean, 1915.	Normal, 1885–1915.	Departure.	Mean maximum.	Mean minimum.	Maximum.	Day.	Minimum.	Day.	Range.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*		*mm.*		*mm.*
January	18. 1	18. 1	0	19. 6	16. 7	21. 8	7, 30	14. 8	21	7
February	16. 6	17. 5	— . 9	18. 2	15	20. 7	21	11. 8	28	8. 9
March	18. 2	18. 1	+ . 1	19. 9	16. 6	22. 3	17	12. 4	5	9. 9
April	18. 7	19. 4	— . 7	20. 7	16. 3	25. 2	5	13. 6	25	11. 6
May	22. 1	21. 6	+ . 5	23. 4	20. 5	25. 9	14	15. 5	8	10. 4
June	21. 8	22. 3	— . 5	23. 3	20. 2	26. 3	23	15. 9	6	10. 4
July	22. 7	22. 4	+ . 3	23. 9	21. 5	26	5	19. 7	15	6. 3
August	22. 8	22. 4	+ . 4	24. 1	21. 7	25. 1	3, 5, 9, 23	20. 3	31	4. 8
September	22. 5	22. 4	+ . 1	23. 8	21. 3	24. 9	7	19. 4	29	5. 5
October	22. 1	21. 6	+ . 5	23. 4	20. 7	25. 3	3, 19	18. 3	22	7
November	21. 2	20. 3	+ . 9	22. 7	19. 7	24. 5	5, 28	17. 4	20	7. 1
December	20	19. 2	+ . 8	21. 3	18. 8	23. 6	28, 30	15. 9	4	7. 7
Year	20. 57	20. 44	+0. 13	22	19. 1	26. 3	VI 23	11. 8	II 28	14. 5

Month.	Relative frequency of the wind from—											
	NNE-E.			ESE-S.			SSW-W.			WNW-N.		
	Mean, 1915.	Normal, 1885–1915	Departure.	Mean, 1915.	Normal, 1885–1915	Departure.	Mean, 1915.	Normal, 1885–1915	Departure.	Mean, 1915.	Normal, 1885–1915	Departure.
January	5	7. 6	—2. 6	5	3. 6	+1. 4	4	3. 4	+0. 6	4	3. 8	+ 0. 2
February	7	7. 4	— . 4	8	5. 2	+2. 8	2	3. 5	—1. 5	3	2. 8	+ . 2
March	5	6. 8	—1. 8	9	7. 5	+1. 5	4	3. 5	+ . 5	2	2	0
April	6	5. 7	+ . 3	10	8. 3	+1. 7	3	3. 8	— . 8	1	1. 7	— . 7
May	4	4. 8	— . 8	5	5. 4	— . 4	10	6. 3	+3. 7	2	2. 4	— . 4
June	5	4. 3	+ . 7	8	5	+3	4	7. 4	—3. 4	3	2. 4	+ . 6
July	4	3	+1	5	3. 8	+1. 2	8	10. 1	—2. 1	3	2. 5	+ . 5
August	2	2. 5	— . 5	4	2. 9	+1. 1	12	11. 8	+ . 2	2	2. 3	— . 3
September	4	3. 2	+ . 8	4	3. 4	+ . 6	8	9. 8	—1. 8	3	2. 5	+ . 5
October	5	5. 6	— . 6	5	3. 2	+1. 8	4	5. 3	—1. 3	4	3. 2	+ . 8
November	6	7. 5	—1. 5	3	2. 6	+ . 4	2	3. 1	—1. 1	4	4. 3	— . 3
December	5	8	—3	2	2. 2	— . 2	2	2. 6	— . 6	8	4. 6	+ 3. 4
Year	4. 8	5. 5	—0. 7	5. 6	4. 4	+1. 2	5. 3	5. 9	—0. 6	3. 3	2. 9	+ 0. 4

Month.	Velocity of the wind.									
	Mean, 1915.	Total, 1915.	Normal, 1885–1915.	Departure.	Daily maximum.	Day.	Daily minimum.	Day.	Range.	Hourly maximum.	Day and hour.
	Km.	*Km.*	*Km.*	*Km.*	*Km.*		*Km.*		*Km.*	*Km.*	
January	116	3, 595. 5	5, 079	—1, 483. 5	244	7	39	5	205	27. 5	7, 10–11p.
February	172. 5	4, 829	5, 371. 7	— 542. 7	264. 5	15	66	21	198. 5	27. 5	14, 2–3p.
March	190. 7	5, 912	6, 811. 7	— 899. 7	277. 5	23	100	1	177. 5	28	11, 16, 23, 2–3p.
April	227. 8	6, 834. 5	6, 948	— 113. 5	309. 5	12	150	1	159. 5	31	14, 2–3p.
May	235. 4	7, 298	6, 871. 4	+ 426. 6	419	14	128	20	291	35	14, 3–4p.
June	174. 6	5, 236. 5	6, 759. 6	—1, 523. 1	340. 5	28	84. 5	26	256	43	28, 2–3p.
July	209. 2	6, 484	8, 519. 9	—2, 035. 9	442	27	79	17	363	36. 5	27, noon–1p.
August	258. 7	8, 018. 5	9, 044	—1, 025. 5	591. 5	9	98. 5	19	493	42	24, 2–3p.
September	184. 4	5, 531	8, 130. 7	—2, 599. 7	515	7	38	18	477	36	{ 7, 4–5p. 8, 5–6a.
October	206. 6	6, 405. 5	5, 325. 9	+1, 079. 6	1, 048	29	65	3	983	58	29, 6–7p.
November	156. 6	4, 698. 5	4, 788. 8	— 90. 3	622	3	64. 5	17	557. 5	68	3, 6–7p.
December	167. 5	5, 194	4, 715. 6	+ 478. 4	943	7	62. 5	2	880. 5	68	7, 1–2p.
Year	191. 7	70, 037	78, 366. 3	—8, 329. 3	1, 048	X 29	38	IX 18	1, 010	68	XI 3, 6–7p.; XII 7, 1–2p.

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS, ETC.—Continued.

Month.	Duration of sunshine.						Amount of clouds.		
	Mean, 1915.	Total, 1915.	Normal, 1890–1915.	Departure.	Maximum.	Day.	Mean, 1915.	Normal, 1885–1915.	Departure.
	h. m.	h. m.	h. m.	h. m.	h. m.		0-10.	0-10.	0-10.
January	5 27	168 55	190 48	— 21 53	9 20	21	5.5	5.3	+0.2
February	8 39	242 25	199 37	+ 42 48	10 50	24	3.8	4.8	—1
March	7 21	227 50	238 57	— 11 07	10 20	7	4.4	4.4	0
April	9 39	289 25	263 21	+ 26 04	11 10	25, 29	3	4	—1
May	7 16	225 30	232 28	— 6 58	11 25	1	6.2	5.7	+ .5
June	6 16	187 50	173 34	+ 14 16	10 00	29	6.6	7	— .4
July	4 34	141 25	145 23	— 3 58	10 00	4	7.6	7.8	— .2
August	3 43	115 10	139 58	— 24 48	11 20	29	8.2	7.9	+ .3
September	5 06	153 10	137 05	+ 16 05	10 15	22	7.8	7.7	+ .1
October	3 54	120 40	170 00	— 49 20	10 30	18	8.1	6.7	+1.4
November	4 46	143 10	163 31	— 20 21	10 20	5	6.6	6.3	+ .3
December	3 29	107 45	156 58	— 49 13	8 15	4	7.6	6.2	+1.4
Year	5 51	2,123 15	2,211 40	— 88 25	11 25	V 1	6.3	6.2	+0.1

Month.	Rainfall.									
	Total, 1915.	Normal, 1865–1915.	Departure.	Daily maximum.	Day.	Hourly maximum.	Day and hour.	Rainy days, 1915.	Normal, 1866–1915	Departure.
	mm.	mm.	mm.	mm.		mm.				
January	5.6	26.9	— 21.3	3.5	30	2.5	30, 1– 2p.	5	5	0
February	3.8	10.3	— 6.5	3.8	21	3	21, noon–1p.	1	3	— 2
March	3.3	17.9	— 14.6	2.4	20	1	20, 2– 3p.	4	3	+ 1
April	.5	33.9	— 33.4	.5	22	.5	22, 9–10a.	1	4	— 3
May	50.4	107.6	— 57.2	13.5	25	10.4	25, 4– 5p.	9	9	0
June	126.7	233.8	— 107.1	53.6	26	42.9	26, 10–11p.	10	16	— 6
July	276.3	399.5	— 123.2	80	28	22.1	21, 5– 6p.	20	21	— 1
August	413.8	362.7	+ 51.1	63.2	13	21.2	5, 8– 9p.	23	22	+ 1
September	478.7	372.5	+ 106.2	103.3	11	32.3	11, 9–10a.	21	20	+ 1
October	165.4	183.9	— 18.5	27.5	2	17.7	11, 7– 8p.	19	16	+ 3
November	208.1	128.7	+ 79.4	105.4	3	31	3, 9–10p.	15	12	+ 3
December	182.3	62.1	+ 120.2	68.7	2	13.2	2, 11–noon.	13	9	+ 4
Year	1,914.9	1,939.8	— 24.9	105.4	XI 3	42.9	VI26, 10–11p.	141	140	+ 1

APPENDIX.

MONTHLY AMOUNTS OF RAIN OVER 500 MILLIMETERS REGISTERED IN THE OBSERVATORY SINCE THE YEAR 1865.

Year.	Month.	Amount.
		mm.
1865	September	687.9
1867	do	1,469.7
1869	October	589.7
1872	August	798.8
1876	September	520.3
1877	July	602
1877	August	1,095.6
1880	July	809.8
1882	do	573.6
1883	do	754.6
1884	do	721
1887	September	738
1888	July	680.6
1890	September	536.7
1891	June	655.5
1891	July	642.7
1895	June	539.5
1896	August	650.2
1899	July	1,190.9
1900	August	770.9
1902	September	523.3
1904	July	682.2
1905	July	594.4
1907	do	504
1908	August	645
1909	July	561.8
1911	do	698.5
1912	do	529
1912	August	656.6
1913	July	570.6
1914	September	887.7

DAILY AMOUNTS OF RAIN ABOVE 100 MILLIMETERS REGISTERED IN THE OBSERVATORY SINCE THE YEAR 1865.

Year.	Date.	Amount.
		mm.
1865	Sept.	114
1867	July 12	145
1867	Sept. 23	135
1867	Sept. 24	336
1867	Sept. 25	306.3
1867	Sept. 26	162.4
1867	Sept. 30	126
1867	Oct. 7	172
1868	Nov. 22	139.1
1869	June 23	102.8
1869	July 19	101.8
1869	Aug. 2	107.6
1869	Aug. 20	105.2
1869	Sept. 26	128
1870	May 12	101.8
1872	Aug. 2	226.5
1872	Aug. 3	129.2
1872	Aug. 22	176.1
1874	Aug. 30	124.8
1876	July 17	104.5
1876	Sept. 13	117.8
1877	June 21	111.4
1877	Aug. 1	118
1877	Aug. 14	149.1
1877	Aug. 15	192.7
1878	July 30	128.8
1879	Sept. 20	162.3
1879	Nov. 20	102.6
1880	July 29	166
1880	July 30	290.1
1880	Aug. 4	111.6
1880	Sept. 15	213.1
1881	May 24	166.8
1881	June 28	119.6
1881	June 29	139.3
1881	Aug. 20	118.8
1882	July 28	176.8
1882	Oct. 20	165.2
1883	Jan. 1	186.1
1883	July 28	154.6
1883	July 29	156.9
1883	July 30	114
1884	July 20	178.3
1884	July 21	179.5
1887	do	115.7
1887	Sept. 19	164.8
1887	Sept. 20	125.3
1887	Oct. 5	118.6
1888	July 23	109.2
1888	Aug. 16	107.4
1890	July 15	124.3
1890	July 16	189.1
1890	Nov. 11	153.8
1891	June 15	252.7
1891	July 25	136.8
1891	July 26	139.4
1891	Sept. 15	115.8
1891	Nov. 16	180.6
1895	June 24	143.4
1895	June 25	111.6
1895	June 26	106.5
1895	Sept. 2	115.6
1899	June 28	105.2
1899	July 9	209.8
1899	July 10	158.7
1899	July 18	169.3
1899	July 19	253.5
1899	July 20	148.8
1899	Sept. 20	180.8
1900	June 27	107
1901	Oct. 3	103.9
1901	Oct. 14	101.4
1902	June 17	116.3
1902	Sept. 22	123.2
1904	June 25	107.4
1904	July 12	226.2
1904	July 13	197.5
1905	Apr. 29	143.1
1905	July 1	185.6
1905	July 2	200.4
1906	May 18	144.9
1907	July 29	141.9
1907	Oct. 26	124.7
1908	May 29	121.6
1908	Aug. 5	102.8
1911	July 15	117
1911	Aug. 13	133.1
1912	July 31	157.6
1913	Sept. 9	105.8
1913	Sept. 10	128.2
1914	June 2	106.3
1914	June 3	109.7
1914	Sept. 1	169.5
1914	Sept. 2	234.7
1914	Sept. 3	114.5
1915	Sept. 11	103.3
1915	Nov. 3	105.4

GREATEST HOURLY AMOUNTS OF RAIN OVER 40 MILLIMETERS REGISTERED IN THE OBSERVATORY SINCE THE YEAR 1886.

Year.	Date and hour.	Amount.
		mm.
1886	Aug. 26, 5-6 p. m	42
1887	Sept. 18, 6-7 p. m	52.5
1888	July 23, 4-5 a. m	42.8
1888	Aug. 27, 2-3 a. m	47
1888	Sept. 17, 7-8 p. m	47
1889	June 30, 2-3 p. m	47.2
1889	Aug. 6, 1-2 p. m	48
1890	July 16, 5-6 p. m	50
1891	May 29, 7-8 p. m	42
1891	June 15, 7-8 a. m	55
1891	Sept. 15, 5-6 p. m	50.3
1891	Nov. 16, 3-4 p. m	49.8
1892	May 21, 5-6 p. m	60
1894	Mar. 9, 0-1 p. m	45.8
1896	Sept. 6, 1-2 a. m	44
1897	Aug. 28, 3-4 p. m	46
1898	Sept. 14, 1-2 a. m	47.2
1899	July 19, 1-2 a. m	51.3
1902	June 1, 4-5 p. m	48.5
1903	Aug. 26, 7-8 p. m	52.2
1904	July 12, 1.50-2.30 p. m	44.5
1904	July 13, 2.35-3.25 a. m	46
1904	Sept. 20, 3-4 p. m	41.2
1905	Apr. 29, 8-9 p. m	65
1905	June 8, 11-12 m. n	57.4
1907	July 29, 9-10 p. m	48.4
1909	May 10, 1-2 p. m	47
1909	June 18, 4-5 a. m	43.2
1910	Aug. 13, 9-10 a. m	44.5
1913	Apr. 14, 5-6 p. m	46.5
1913	June 12, 7-8 p. m	40.9
1915	June 26, 10-11 p. m	42.9

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FOR THE YEAR 1915

PART III

METEOROLOGICAL OBSERVATIONS MADE AT THE SECONDARY STATIONS DURING THE CALENDAR YEAR 1915

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INTRODUCTION.

In this volume (Part III) of the report of the Weather Bureau for 1915 we publish the meteorological observations made in the various stations which at present constitute the meteorological service of the Philippines, a service established by Act No. 131 of the Philippine Commission May 22, 1901.

In Part II of the report for 1902, pages 52 to 60, will be found a detailed account of the establishment and organization of these branch stations and a list of the instruments with which they are equipped, according to their class.

The report of the various observers are carefully collated and examined at the Central Observatory, but it is evident that the Directors cannot assume the full responsibility for the accuracy of these observations. As every meteorologist knows, in observations of this kind much must be left to the conscientious care of the observer. Hence, while we take this opportunity to express our confidence in our observers, we think it proper to subjoin the following list, which gives some particulars about the stations and also the names of the observers who are primarily responsible for the accuracy of the observations in this volume (Part III) of the Annual Report of the Weather Bureau.

SECONDARY STATIONS AND OBSERVERS OF THE WEATHER BUREAU.

Town.	Province.	Island.	North latitude.		East longitude.		Observer.	Class.
			°	′	°	′		
Jolo	Sulu	Jolo	6	03	121	00	Rufino de la Cruz	III
Zamboanga	Zamboanga	Mindanao	6	54	122	05	Francisco Ventus Ramon Ortega	III
Davao	Davao	do	7	01	125	35	Lamberto Garcia	III
Cagayan	Misamis	do	8	29	124	38	Dolorito Contreras	III
Dapitan	Zamboanga	do	8	40	123	25	Agaton Alingal	IV
Butuan	Agusan	do	8	56	125	32	Generoso Copin	III
Dumaguete	Oriental Negros	Negros	9	18	123	19	Matias Ordiales	III
Tagbilaran	Bohol	Bohol	9	38	123	51	Francisco Burgos	II
Iwahig	Palawan	Palawan	9	44	118	38	Filemon C. Bulaong	III
Surigao	Surigao	Mindanao	9	48	125	29	Francisco Tiangco	II
Maasin	Leyte	Leyte	10	08	124	50	Aguedo Espina	III
Cebu	Cebu	Cebu	10	18	123	54	Domingo de los Angeles	I
Iloilo	Iloilo	Panay	10	42	122	34	Ricardo A. Luna	I
San Jose Buenavista	Antique	do	10	44	121	55	Teodoro Peñeiro	III
Cuyo	Palawan	Cuyo	10	51	121	01	Roman Kabigting	III
Ormoc	Leyte	Leyte	11	00	124	36	Pedro Baltasar	I
Guiuan	Samar	Samar	11	02	125	44	Patricio Yabao	III
Tacloban	Leyte	Leyte	11	15	125	00	Deogracias Tablan	II
Capiz	Capiz	Panay	11	35	122	45	Juan Lugod	II
Borongan	Samar	Samar	11	37	125	26	Cesareo Montes	III
Calbayog	do	do	12	04	124	36	Segundo Peñaflorida	II
Masbate	Sorsogon	Masbate	12	22	123	36	H. L. Heath	IV
Romblon	Capiz	Romblon	12	35	122	16	Pedro M. Asturias	III
Batag	Samar	Batag	12	40	125	04	Placido A. Edroso	IV
Gubat	Sorsogon	Luzon	12	55	124	08	Victorio Ramos	IV
Legaspi	Albay	do	13	09	123	45	Bernardino Costa	I
Sumay	Ladrone Islands	Guam	13	24	144	38	Herbert Taylor	III
Calapan	Mindoro	Mindoro	13	25	121	11	Aquilino Nokom	III
Virac	Albay	Catanduanes	13	35	124	14	Eusebio Talion	III
Nueva Caceres	Ambos Camarines	Luzon	13	37	123	11	Eduardo Ontengco	III
Batangas	Batangas	do	13	45	121	03	Enrico Cabral	III
Atimonan	Tayabas	do	14	00	121	55	Leon G. Guinto	I
Ambulong, Tanauan	Batangas	do	14	07	121	04	Gregorio Peralta	II

SECONDARY STATIONS AND OBSERVERS OF THE WEATHER BUREAU—Continued.

Town.	Province.	Island.	North latitude.		East longitude.		Observer.	Class.
			°	'	°	'		
Paracale	Ambos Camarines	Luzon	14	17	122	47	Benito Pelaez	II
Santa Cruz	Laguna	do	14	18	121	25	Santiago Villaflor Doroteo Eusebio	III
Antipolo	Rizal	do	14	36	121	10	Valeriano Garcia	IV
Iba	Zambales	do	15	20	119	58	Apolonio Perez	III
San Isidro	Nueva Ecija	do	15	22	120	53	Bernardo Pecache	II
Dagupan	Pangasinan	do	16	03	120	20	Jose M. Sison	I
Bolinao	do	do	16	24	119	53	Ezequiel Reinoso	II
Baguio	Mountain	do	16	25	120	36	Pastor P. Daroy	I
San Fernando	Union	do	16	37	120	19	Estanislao F. Feraren	III
Echagüe	Isabela	do	16	41	121	39	Benito Maramba	III
Candon	Ilocos Sur	do	17	12	120	26	Luis Quismorio	IV
Vigan	do	do	17	34	120	23	Joaquin S. Gallego Jose de Jesus	II
Tuguegarao	Cagayan	do	17	36	121	40	Jose C. de Leon	II
Laoag	Ilocos Norte	do	18	12	120	35	Jose Saez	III
Aparri	Cagayan	do	18	22	121	38	Manuel Delgado	I
Santo Domingo	Batanes	Batan	20	28	121	59	Claudio Castillejos	III

REMARKS.

The hours of observations at the first and second class stations are 2 a. m., 6 a. m., 10 a. m., 2 p. m., 6 p. m., 10 p. m.; at the third and fourth class stations, 6 a. m. and 2 p. m. The time used is that of the one hundred and twentieth meridian east of Greenwich.

The barometer readings are reduced to sea level and 0° C., but no correction has been applied to eliminate the effect of gravity depending on the latitude of the place of observation.

INTERNATIONAL SYMBOLS FOR CLOUD FORMS.

Ci. =Cirrus.
Ci.-S. =Cirro-stratus.
Ci.-Cu. =Cirro-cumulus.
A.-Cu. =Alto-cumulus.
A.-S. =Alto-stratus.
S.-Cu. =Strato-cumulus.
N. =Nimbus.
Cu. =Cumulus.
Cu.-N. =Cumulo-nimbus.
S. =Stratus.
Fr.-Cu. =Fracto-cumulus.
Fr.-N. =Fracto-nimbus.
Fr.-S. =Fracto-stratus.
S.-cf. =Stratus-cumuliformis.
N.-cf. =Nimbus-cumuliformis.
M.-Cu. =Mammato-cumulus.

METEOROLOGICAL OBSERVATIONS MADE AT FIRST AND SECOND CLASS STATIONS DURING THE CALENDAR YEAR 1915.

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

JANUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	60.02	60.45	60.32	58.70	59.42	59.84	59.79	22.2	21.7	29.7	27.6	25.2	24.3	25.1	31.4	21	96	97	69	79	88	87	86	------
2	59.82	60.55	60.41	58.53	59.42	59.91	59.77	23.3	22.2	30.8	29.5	26.4	23.7	26	32.2	21.6	91	96	59	75	89	92	83.7	3.8
3	59.42	59.95	60.71	58.99	60.45	61.16	60.11	22.4	22.2	29.5	29.2	25.4	24	25.4	31.3	21.4	96	97	66	71	87	95	85.3	.5
4	60.42	61.04	60.77	59.50	60.79	61.29	60.64	23.4	23.5	29.8	29.2	25.9	24.8	26.1	30.6	22.8	98	99	68	74	90	92	86.8	------
5	60.57	61.27	61.15	58.88	60.04	61.09	60.50	23.3	23.3	29.4	29.6	27	25	26.3	30.5	22.5	97	97	71	72	83	92	85.3	------
6	60.60	61.06	61.23	58.81	59.42	60.46	60.26	24.1	23	30.3	27.6	26.7	24	26	30.6	22.4	95	97	72	87	90	94	89.2	1.3
7	59.83	60.50	60.63	59	59.89	60.79	60.11	22.5	22.1	29.7	28.5	26	22.9	25.3	30.1	21.5	96	96	71	70	80	92	84.2	------
8	60.12	61.17	60.97	58.70	59.55	60.47	60.16	22.1	21.9	29.6	28.4	26.7	24.8	25.6	30.2	21	96	96	70	77	86	91	86	------
9	59.74	60.89	61.04	58.60	59.91	60.78	60.16	23.8	22.1	29.7	27.5	25.4	24.5	25.5	30.3	21.8	93	97	65	81	92	92	86.7	------
10	60.33	61.06	61.80	59.48	60.85	61.31	60.80	23.9	23.5	29.9	30.7	28	25.5	26.9	31.5	22.8	95	97	62	64	74	86	79.7	------
11	60.71	62.32	62.64	60.31	61.48	62.15	61.60	24.9	24.4	29.9	30	27.4	23.6	26.7	32.3	22.2	89	91	67	67	81	90	80.8	------
12	61.27	61.70	62.28	59.78	61.51	62.42	61.49	22.1	20.6	30	30.6	24.9	22.6	25.1	32.4	20	93	96	50	51	64	78	72	------
13	61.43	62.07	62.14	60.42	61.73	62.29	61.68	21.4	21.1	31.1	30.3	25.7	24.7	25.7	32.4	20.7	86	88	52	59	78	86	74.8	------
14	61.66	61.86	62.93	60.81	61.11	61.39	61.63	23.7	23.8	27.2	27.3	25.4	23.7	25.2	28.2	22.6	91	92	73	73	82	91	83.7	.8
15	61.21	61.86	62.53	60.42	61.13	62.07	61.54	23	23	25.8	27.9	25	25	25	28.7	22.4	97	97	82	68	79	67	81.7	.5
16	61.52	62.52	63.21	60.97	62.39	62.84	62.24	24.8	24.2	27.2	29	24.3	23.4	25.5	29.9	23.1	80	82	75	65	89	91	80.3	1.8
17	62.24	62.87	63.09	60.93	62.27	62.41	62.30	23.2	23.1	24.4	25.5	25	23.9	24.2	26.1	22.4	94	96	97	90	83	86	91	3.6
18	62.12	63.40	62.99	61.17	62.21	61.95	62.31	23.7	23	29.6	29	25.5	24	25.8	30	22.5	87	89	66	74	81	88	80.8	.5
19	61.05	61.56	61.91	59.86	60.92	61.45	61.12	22.9	22.6	27	29	25.5	23.8	25.1	30.5	22	92	94	80	70	88	89	85.5	------
20	60.58	61.22	60.77	58.51	59.87	60.77	60.29	22	21.5	30.7	29	26.7	23.8	25.6	31.2	20.9	93	94	62	68	77	88	80.3	------
21	59.81	61.07	61.41	59.45	60.43	61.30	60.58	23.1	23.5	26	27.2	25.4	24.1	24.9	30.4	22.5	95	96	89	89	93	94	92.7	8.8
22	60.58	61.46	61.92	59.74	61.16	61.75	61.10	23.1	22.5	29	29.8	26.9	23.5	25.8	30.4	21.5	96	96	69	69	84	87	83.5	------
23	60.90	61.65	61.69	59.44	60.72	61.39	60.96	21.2	20.3	28	29.9	27.3	21.3	24.7	30.4	19.6	95	96	64	58	63	86	77	------
24	60.68	61.25	61.49	59.01	60.24	61.72	60.73	20	19.6	27.8	28.8	25.6	22.7	24.1	29.5	18.8	93	94	66	67	81	87	81.3	------
25	61.43	61.97	62.48	60.61	60.91	61.76	61.53	20.7	18.4	29.2	28.7	25.1	21.2	23.9	29.8	17.8	91	96	64	61	80	80	78.7	------
26	61.56	62.36	62.18	59.98	60.49	61.03	61.27	19.1	19.7	29	30.5	26	23.5	24.6	31	17.8	96	96	57	64	78	85	79.3	------
27	60.39	61.27	61.24	59.39	59.91	60.88	60.51	23.1	22.2	29.8	29.9	25.9	23	25.6	30.6	21.5	88	95	62	59	82	85	78.5	------
28	60.09	60.68	61.07	59.23	59.85	60.83	60.29	20.9	20.6	30	29.4	26.4	24	25.2	30.5	19.6	96	97	64	66	81	89	82.2	------
29	60.58	61.42	62.33	59.74	60.23	60.96	60.88	22	21.4	30.5	31.9	26.3	22.3	25.7	33.4	20.4	96	96	51	54	63	81	73.5	------
30	60.57	61.22	61.73	59.78	60.76	61.62	60.95	21.1	21.2	29.1	28.8	26.3	23.9	25.1	30.4	20.5	92	93	62	68	83	84	80.3	------
31	61.09	61.76	62.04	59.90	60.65	61.51	61.16	23.2	22.5	30.5	29.4	27.7	24.5	26.3	30.9	22	90	93	56	68	65	83	75.8	------
Mean	60.72	61.46	61.71	59.63	60.64	61.34	60.92	22.6	22.1	29	29	26	23.7	25.4	30.6	21.3	93	94.7	67.1	69.6	81.1	87.4	82.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	21.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		0–12		0–12		0–12		0–12		0–12	0–10			0–10		
1	Calm	----	Calm	----	SE	2	SE	2	E	1	NE	2	4	Ci.-S.	Cu.	10	Ci.-S.	Cu. ENE
2	Calm	----	Calm	----	SSE	2	SE	2	Calm	----	Calm	----	2	Ci.	Fr.-Cu. E	4	Ci.	Fr.-Cu. E
3	Calm	----	Calm	----	SE	2	ESE	2	NE	2	Calm	----	4	Ci.-Cu.	Cu. E	10	Ci.-S.	Fr.-Cu. NE
4	Calm	----	NE	1	NNE	2	ENE	1	NE	1	Calm	----	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	Fr.-N. NE
5	Calm	----	Calm	----	SSE	2	SSE	3	E	1	Calm	----	1	Ci.	Cu.	5	Ci.	Cu. E
6	Calm	----	Calm	----	SE	2	ESE	2	Calm	----	NNE	2	2	Ci.	Cu.	9	Ci.-S.	Cu.-N. E
7	Calm	----	Calm	----	NNE	1	SSE	4	Calm	----	Calm	----	1	Ci.	Cu.	3	Ci.	Fr.-Cu. E
8	Calm	----	Calm	----	NNE	2	SSE	3	Calm	----	Calm	----	1	Ci.	Cu.	5	Ci.	Cu. ESE
9	Calm	----	Calm	----	NNW	1	SE	3	Calm	----	E	2	1	Ci.	Cu.	8	Ci.-S.	Cu.-N. NE
10	Calm	----	NE	2	SE	2	W	3	Calm	----	NNE	3	4	Ci.-Cu.	Fr.-Cu. E	3	Ci.	Cu. N
11	Calm	----	E	2	NE	1	SE	3	E	1	Calm	----	8	Ci.-S.	Cu.	4	Ci.	Cu. E
12	Calm	----	Calm	----	E	3	SE	2	ENE	1	E	2	1	Ci.	Cu.	2	Ci.	Cu. NE
13	Calm	----	NE	2	SE	3	NNE	3	Calm	----	NNE	3	1	Ci.	Cu.	5	Ci.	Cu. ENE
14	Calm	----	Calm	----	NNE	3	NE	3	NE	2	NNE	1	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	Fr.-N. E
15	Calm	----	NE	1	ENE	3	NNE	3	NNE	2	NNE	2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
16	Calm	----	E	2	NE	3	N	4	Calm	----	N	2	7	Ci.-S.	Cu. NE	10	Ci.-S.	Fr.-N. ENE
17	NNE	2	NE	2	NE	3	NNE	3	NE	2	NNE	3	10	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	Cu. E
18	Calm	----	ENE	3	NNE	3	NE	3	NE	2	N	3	5	Ci.-S.	Cu.	5	Ci.-S.	Cu. ENE
19	NNE	2	NNE	3	SE	3	SW	3	NE	1	Calm	----	1	Ci.-Cu.	Cu.	5	Ci.	Cu. NNE
20	Calm	----	Calm	----	NNW	3	SSE	4	NE	1	Calm	----	1	Ci.	Cu.	2	Ci.	Cu.
21	Calm	----	Calm	----	ENE	2	NNE	2	Calm	----	Calm	----	10	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N.
22	Calm	----	NNE	1	NE	2	S	4	Calm	----	Calm	----	1	Ci.	Cu.	3	Ci.-S.	Cu.
23	Calm	----	Calm	----	SE	3	SE	3	Calm	----	ENE	2	1	Ci.	Cu.	3	Ci.	Fr.-Cu. E
24	Calm	----	NE	2	SE	3	S	4	SE	1	Calm	----	1	Ci.	Cu.	5	Ci.	Fr.-Cu. E
25	Calm	----	NE	1	W	3	SSE	5	Calm	----	Calm	----	1	------------	Cu.	1	Ci.	Cu.
26	Calm	----	Calm	----	ESE	3	SW	3	Calm	----	NE	2	1	Ci.	Cu.	1	Ci.	Cu.
27	Calm	----	Calm	----	SE	4	SSE	4	Calm	----	E	2	1	Ci.-Cu.	Cu.	1	Ci.	Cu.
28	Calm	----	NE	1	SSE	2	W	3	Calm	----	Calm	----	3	A.-Cu. E	Cu.	5	Ci.	Cu. S
29	Calm	----	NE	1	N	4	SE	4	Calm	----	Calm	----	1	Ci.	Cu.	3	Ci.	Fr.-Cu. E
30	Calm	----	Calm	----	NNE	3	SE	4	Calm	----	Calm	----	1	Ci.	Cu.	7	Ci.	Cu. E
31	Calm	----	Calm	----	SE	2	SSE	4	Calm	----	Calm	----	1	Ci.-Cu.	Cu.	5	Ci.	Fr.-Cu. E
Mean	-------	0.1	-------	0.8	-------	2.5	-------	3.1	-------	0.6	-------	1	3.4	------------	------------	5.5	------------	------------

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

FEBRUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.50	62.21	62.55	60.19	60.65	61.32	61.40	23	22.8	29.5	29.3	26.8	22.8	25.7	30.4	20.7	94	95	59	67	77	86	79.7	------
2	60.89	61.98	62.03	59.88	59.84	60.03	60.78	20.1	19.3	29	29.7	26.3	22.2	24.4	30.3	18.7	96	97	60	64	76	84	79.5	------
3	59.86	60.60	60.78	59.16	59.79	60.67	60.14	19.8	19.3	28.6	31	26.4	22.5	24.6	31.5	18.5	95	96	64	59	73	85	78.7	------
4	60.17	60.88	60.74	59.05	59.95	60.67	60.24	21.2	20.2	28.8	30	26.2	23	24.9	30.5	19.6	92	96	68	62	77	84	79.8	------
5	60.24	61.15	61.60	59.66	60.16	60.97	60.63	20.4	20.3	29	28.8	26.3	22.8	24.6	29.6	19.7	94	95	67	67	80	87	81.7	------
6	60.49	61.13	61.07	58.94	59.83	60.63	60.35	21.1	20.9	29.7	28.9	26.7	23.3	25.1	30.3	20.2	95	95	58	67	73	80	78	------
7	59.99	60.88	61.47	59.04	59.99	61.28	60.44	22	20.5	29	31	27.6	23.2	25.6	31.4	19.7	90	97	58	61	63	88	76.2	------
8	60.73	62.13	62.13	59.75	60.15	61.16	61.01	20.8	19.2	29.6	31	26.5	22.6	25	31.5	18.7	93	94	59	62	73	82	77.2	------
9	60.74	61.78	62.19	59.79	59.90	60.78	60.86	19.6	19.2	30.3	29	26.8	22.9	24.6	32	17.6	96	98	53	66	74	80	77.8	------
10	59.78	60.91	61.56	59.24	59.72	60.02	60.20	21.5	19.4	28.6	28.5	26.2	22.6	24.5	30.5	18.8	91	95	59	67	66	87	77.5	------
11	59.25	59.66	60.07	58.04	58.99	59.86	59.31	21.3	20.6	28.9	30.4	27.7	25	25.6	32.4	19.9	94	95	62	65	60	78	75.7	------
12	59.27	59.70	60.06	57.97	58.70	59.91	59.27	22.3	20.9	29.5	30.7	28.2	27.1	26.4	32.5	20.4	92	94	59	60	64	69	73	------
13	58.90	60.23	60.41	58.33	59.20	59.98	59.51	25.4	22.5	32.2	32	28.2	25	27.6	34.4	21.9	79	90	45	54	62	73	67.2	------
14	59.47	59.90	61.34	59.03	60.26	61.51	60.25	23.1	21.1	30.6	33	25.9	25.3	26.5	33.9	20.6	84	93	51	46	85	78	72.8	------
15	61.25	62.02	62.03	59.71	60.64	61.69	61.22	23.7	23.3	30.3	32.9	27.8	24.7	27.1	34.3	22.6	89	91	53	40	59	72	67.3	------
16	61.55	62.05	61.58	59.52	60.56	61.62	61.15	22	22.2	31.7	32	27.4	24.1	26.6	33.5	21.5	93	91	44	57	65	77	71.2	------
17	60.93	61.68	62.32	59.53	60.11	60.77	60.89	21.3	19.4	30.2	31	26.8	23.4	25.4	32.4	18.9	93	95	48	52	65	78	71.8	------
18	60.27	61.11	62.05	59.81	60.60	61.55	60.90	21.2	19.4	29.9	28.9	26.3	23.9	24.9	32.4	19	91	94	50	65	63	74	72.8	------
19	60.98	62.35	63.03	60.60	60.65	61.87	61.58	20.5	20	29.4	28.9	26	22.2	24.5	30.8	18.8	93	95	56	64	78	85	78.5	------
20	61.23	61.96	62.22	59.74	60.14	61.56	61.14	21.5	20.4	29.7	29.4	26.7	22	25	30.8	19.7	90	94	50	64	72	78	74.7	------
21	61.19	62.06	62.44	59.73	60.25	61.37	61.17	21	19.4	30.8	29.9	26.3	21.8	24.9	31.6	18.8	85	95	55	62	76	74	74.5	------
22	61.14	62.05	62.64	59.81	60.58	61.22	61.24	19.8	20.1	30.3	31.6	26.8	24	25.4	33.2	18.7	92	91	57	54	67	73	72.3	------
23	61.35	61.97	62.42	60.09	60.46	61.72	61.34	21.1	21.2	29.6	31.1	26.8	24	25.6	32	19.7	91	89	62	51	71	76	73.3	------
24	61.31	62.12	62.37	60.01	60.49	61.87	61.36	20.2	19.2	30	28	28.4	24.6	25.1	32.4	18.5	91	92	53	69	56	79	73.3	------
25	61.37	62.46	62.64	60.10	60.28	61.81	61.44	21.9	21.7	27.9	28.7	28	26.1	25.7	31.4	20.5	93	94	69	64	54	70	74	------
26	60.83	61.49	62.20	60.03	60.25	61.30	61.02	22.2	21.7	29.1	28.4	26.8	23.1	25.2	32.4	21.2	92	94	58	70	78	86	79.7	------
27	60.75	61.53	61.70	59.34	59.79	61.19	60.72	20.6	20.6	29.2	29.4	26.5	24.4	25.1	31.5	19.5	92	92	59	67	82	82	79	------
28	60.74	61.12	61.89	59.52	60	61.14	60.74	22.9	22.2	30.7	27.9	24.7	24	25.4	32.4	21.6	90	93	54	72	81	81	78.5	------
Mean	60.58	61.40	61.77	59.49	60.07	61.05	60.72	21.5	20.6	29.7	30	26.8	23.7	25.4	31.9	19.8	91.4	93.9	56.8	61.4	70.4	79.5	75.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	NE	1	SSE	3	Calm	----	Calm	----	1	Ci.	Cu.	6	Ci.	Fr.-Cu. E
2	Calm	----	Calm	----	SE	3	SW	2	Calm	----	Calm	----	1	Ci.	Cu.	2	Ci.	Cu. NE
3	Calm	----	NE	1	W	3	SW	3	SE	3	Calm	----	1	Ci.	Cu.	2	Ci.	Cu.
4	Calm	----	Calm	----	ESE	4	SSE	3	Calm	----	E	2	1	Ci.	Cu.	1	Ci.	Fr.-Cu. SE
5	Calm	----	Calm	----	W	3	SSE	4	Calm	----	Calm	----	1	Ci.	Cu.	3	Ci.	Cu. NE
6	Calm	----	Calm	----	SE	4	SE	3	Calm	----	NNE	2	1	Ci.	Cu.	4	Ci.	Cu. E
7	Calm	----	NNE	1	SSE	3	ESE	5	Calm	----	Calm	----	1	Ci.	Cu.	3	Ci.	Fr.-Cu. NE
8	Calm	----	Calm	----	SE	4	SW	3	Calm	----	NE	2	1	Ci.	Cu.	1	Ci.	Cu.
9	Calm	----	Calm	----	E	2	NNE	2	NE	1	Calm	----	1	Ci.	Cu.	4	Ci.	Fr.-Cu. NE
10	Calm	----	Calm	----	S	3	NW	3	Calm	----	E	1	3	Ci.	Cu.	9	Ci.-S.	Cu. NE
11	Calm	----	Calm	----	SE	3	NNW	4	Calm	----	Calm	----	1	Ci.	Cu.	3	Ci.	Cu. NE
12	Calm	----	Calm	----	SE	3	NW	2	NE	2	Calm	----	1	Ci.	Cu.	6	Ci.	Cu. W
13	Calm	----	Calm	----	NNE	4	NE	3	NNE	2	NE	3	2	Ci.	Cu.	3	Ci.	Cu. E
14	Calm	----	Calm	----	NE	4	ENE	3	N	3	NE	3	2	Ci.	Cu.	2	Ci.	Cu. E
15	Calm	----	Calm	----	NE	3	ENE	4	NNE	4	E	2	3	Ci.	Cu.	2	Ci.	Fr.-Cu. E
16	Calm	----	NE	1	NE	4	NNE	3	Calm	----	Calm	----	4	Ci.	Cu. E	3	Ci.	Cu. E
17	Calm	----	Calm	----	NE	2	NNE	2	Calm	----	NE	2	1	Ci.	Cu.	4	Ci.	Cu. E
18	Calm	----	Calm	----	SE	3	NNE	1	Calm	----	E	1	1	Ci.	Cu.	7	Ci.-S.	Cu. ENE
19	Calm	----	Calm	----	SW	3	SSE	4	Calm	----	Calm	----	1	Ci.	Cu.	2	Ci.	Cu. E
20	Calm	----	Calm	----	SE	4	SSE	4	Calm	----	Calm	----	1	Ci.	Cu.	1	Ci.	Cu.
21	Calm	----	Calm	----	SW	2	SSE	4	Calm	----	E	1	1	Ci.	Cu.	3	Ci.	Cu. E
22	Calm	----	Calm	----	W	3	NNW	3	Calm	----	NE	2	1	Ci.	Cu.	3	Ci.	Fr.-Cu. NE
23	Calm	----	Calm	----	N	3	S	4	Calm	----	Calm	----	7	Ci.	S.-Cu.	2	Ci.	Cu.
24	Calm	----	Calm	----	E	2	SSE	3	Calm	----	Calm	----	1	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
25	Calm	----	Calm	----	SE	2	S	2	SE	2	SE	1	1	Ci.	Cu.	8	Ci.-S.	Cu.-N.
26	Calm	----	Calm	----	SE	3	S	3	Calm	----	Calm	----	1	Ci.	Cu.	9	Ci.-S.	Cu.-N.
27	Calm	----	E	1	SSE	2	SSE	4	SE	2	Calm	----	3	Ci.	Cu.	3	Ci.	Cu.
28	Calm	----	Calm	----	SE	4	SE	1	Calm	----	Calm	----	6	Ci.-S.	Cu. E	10	Ci.-S.	Cu.-N. E
Mean	-------	0	-------	0.1	-------	3	-------	3	-------	0.7	-------	0.8	1.8	------------	------------	4.1	------------	------------

• TAGBILARAN.

[$\phi = 9°\ 38'$ N ; $\lambda = 123°\ 51'$ E ; barometer above sea, 26.2 meters ; gravity correction not applied, —1.86 mm.]

MARCH, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.48	61.39	62.05	59.64	60.32	61.98	60.98	22.7	23.1	30.4	29.8	26.3	26	26.4	31.4	22	97	98	53	63	63	71	74.2	------
2	61.21	62.55	63.18	60.60	60.73	62.36	61.77	24.4	22.7	29.7	30.2	27.7	24.7	26.6	32.1	22.3	82	92	60	62	68	77	73.5	------
3	61.67	62.10	63.10	60.69	61.10	62.48	61.86	21.8	21.2	26.9	29.9	27.4	24.9	25.4	32.8	20.6	93	95	75	61	63	79	77.7	------
4	61.91	62.92	63.73	61.49	62	63.10	62.52	23.4	23.3	30.4	31.4	28.7	24.8	27	32.4	22.5	89	90	53	60	62	77	71.8	------
5	62.62	62.89	63.37	60.85	61.33	62.39	62.24	22.7	21.8	28.7	29.6	27.8	23.4	25.7	32	21	91	93	65	65	74	80	78	------
6	61.61	62.26	62.53	59.89	60.54	61.94	61.46	21.2	21.2	29.3	31.1	28	26.2	26.2	32.4	20.4	91	92	62	58	69	75	74.5	------
7	61.20	61.66	62.25	59.68	60.88	62.29	61.33	25.7	25.2	30.5	31.9	29.3	25.6	28	33.3	24.6	82	83	61	61	66	79	72	------
8	60.85	61.72	62.35	60.82	61.49	62.90	61.69	24.1	22.8	28.8	32.4	27.9	25.2	26.9	33.3	22.4	89	93	69	57	72	71	75.2	------
9	61.92	62.72	63.09	60.48	61.09	62.51	61.97	22.5	23.6	29	32	28.4	25.7	26.9	33.2	21.6	92	85	57	54	57	75	70	------
10	61.56	62.51	63.48	61.23	61.50	62.90	62.20	23.1	22.1	29	31	27.8	24.7	26.3	32.3	21.5	90	93	65	56	70	80	75.7	------
11	61.81	62.86	63.12	60.27	60.16	61.34	61.59	22.4	21.8	30.4	31.4	27.2	22.9	26	32.2	21.4	88	89	56	52	74	78	72.8	------
12	60.28	61.03	61.74	59.28	59.19	60.55	60.34	20.5	20.3	29.4	31.5	27.8	24.3	25.6	32.3	19.6	91	92	63	60	75	82	77.2	------
13	59.72	61.20	62.34	60.25	60.41	61.71	60.94	23.1	22	29.8	30	27	24	26	31.4	21.4	90	94	63	62	75	83	77.8	-----
14	60.86	61.88	62.20	60.15	60.61	62.02	61.29	22.6	21.5	30.6	29.9	27	24	25.9	31.6	21	89	92	66	63	67	81	76.3	------
15	61.38	61.80	62.39	59.90	60.36	61.59	61.24	22	21.6	30.2	31	27.6	24.7	26.2	31.6	20.7	89	91	59	55	75	65?	72.3	------
16	60.85	61.57	61.88	59.45	59.35	61.21	60.72	21.7	20	30.5	30.9	28.8	25.9	26.3	33.4	19.7	87	92	61	59	68	77	74	------
17	60.29	61.27	62.22	59.65	60.03	61.13	60.76	23.1	22.5	30	31.7	27.5	24	26.5	32.7	21.6	88	89	63	54	70	82	74.3	------
18	60.83	61.56	62.64	60.69	60.99	62.38	61.52	21.5	21.7	30.5	29.5	27.7	25	26	32.1	20.9	89	90	60	66	70	72	74.5	------
19	61.86	62.72	63.48	61.15	61.68	63.08	62.33	24	23.6	28.7	30.4	27.6	25.9	26.7	31.9	22.5	81	83	63	66	75	77	74.2	------
20	62.14	62.80	62.83	60.43	60.36	61.55	61.68	25	24.8	30	29.5	27	24.2	26.8	31.2	23	86	87	70	64	79	83	78.2	------
21	60.89	61.48	62.23	59.79	60.15	61.46	61	22.9	22.2	29.5	30.3	27	25	26.2	31.5	21.7	89	89	64	61	82	77	77	------
22	60.42	61.12	61.85	59.42	59.94	61.45	60.70	23	22	29.4	30.2	28	24.6	26.2	32.3	21.5	87	89	61	60	68	72	72.8	------
23	60.71	61.65	62.24	59.39	60.03	61.51	60.92	23	22.4	31	31.8	28.4	26	27.1	32.9	21.7	84	88	55	55	70	73	70.8	------
24	61.24	62.71	62.95	60.28	60.50	61.79	61.58	23	22.5	30.2	31.5	28	24.4	26.6	32	21.7	89	90	63	56	65	77	73.3	------
25	61.06	62.10	62.22	59.21	59.30	60.32	60.70	23.1	22.4	31	29.9	27	24.2	26.3	32.3	21.7	85	89	64	68	77	88	78.5	------
26	59.69	60.68	61.25	58.79	59.52	61.01	60.16	24	24.2	30	30	27	24.9	26.7	31.3	22.9	83	84	65	65	80	77	75.7	------
27	60.38	60.97	61.87	59.64	59.96	61.40	60.70	24	23	29.7	29.6	28.4	26.7	26.9	31.8	22.5	83	90	65	64	72	73	74.5	------
28	60.68	61.04	61.93	59.63	60.57	61.35	60.87	23.6	23.3	28.4	27.4	25.8	24.6	25.5	32.6	22.7	90	91	73	86	85	91	86	------
29	60.92	61.16	61.89	59.80	60.93	61.93	61.10	24.3	24.1	29	30.4	28	25.2	26.8	31.8	23.5	92	93	76	68	75	88	82	------
30	60.68	61.31	62.12	60.36	60.66	62.05	61.20	25	24.4	29.8	28	26.2	24.6	26.3	31.5	23.5	88	91	65	76	81	88	81.5	3.6
31	60.51	60.79	61.42	59.57	59.95	61.19	60.57	23.7	24.5	31.3	29.9	29.1	25.7	27.4	33.2	23.3	94	92	69	68	70	84	79.5	------
Mean	61.04	61.82	62.45	60.08	60.50	61.83	61.29	23.1	22.6	29.7	30.5	27.7	24.9	26.4	32.2	21.9	88.3	90.3	63.4	62.1	71.5	78.5	75.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	NE	1	SW	3	Calm	----	Calm	----	7	Ci.-S.	Cu. E	5	Ci.-S.	Cu.
2	Calm	----	Calm	----	ESE	2	SSW	3	Calm	----	SE	1	10	Ci.-S.	Cu. E	4	Ci.-S.	Cu. SSE
3	Calm	----	Calm	----	E	2	SSE	2	SE	1	Calm	----	2	Ci.	Cu.	9	Ci.-S.	Cu.-N. E
4	Calm	----	Calm	----	SE	3	NW	3	NE	2	Calm	----	8	Ci.-S.	Cu. E	2	Ci.	Fr.-Cu. NE
5	Calm	----	Calm	----	SE	3	S	3	Calm	----	Calm	----	1	Ci.	Cu.	4	Ci.	Cu. E
6	Calm	----	Calm	----	SSE	2	W	3	Calm	----	Calm	----	1	Ci.	Cu.	1	Ci.	Cu.
7	Calm	----	Calm	----	SW	1	NW	4	Calm	----	Calm	----	9	Ci.-S.	Cu.	2	Ci.	Cu.
8	Calm	----	Calm	----	ESE	3	W	4	Calm	----	Calm	----	3	Ci.	Cu.	1	Ci.	Cu.
9	Calm	----	Calm	----	NE	1	NW	3	NE	1	ENE	2	4	Ci.	Cu. ENE	1	Ci.	Fr.-Cu. NE
10	Calm	----	Calm	----	SE	2	SSE	2	Calm	----	Calm	----	1	Ci.	Cu.	3	Ci.	Cu. E
11	Calm	----	E	1	SSE	2	SE	3	Calm	----	Calm	----	1	Ci.	Cu.	1	Ci.	Cu.
12	Calm	----	Calm	----	W	2	NW	3	Calm	----	Calm	----	2	Ci.	Cu.	1	Ci.	Cu.
13	Calm	----	Calm	----	ESE	4	SSE	4	Calm	----	Calm	----	1	Ci.	Cu.	1	Ci.	Cu.
14	Calm	----	Calm	----	SE	2	SE	4	Calm	----	Calm	----	1	Ci.	Fr.-Cu.	1	Ci.	Cu.
15	Calm	----	Calm	----	SE	2	SSE	4	Calm	----	Calm	----	1	Ci.	Cu.	1	Ci.	Cu.
16	Calm	----	Calm	----	ESE	3	SW	3	Calm	----	Calm	----	1	Ci.	Cu.	5	Ci.	Cu. SSW
17	Calm	----	Calm	----	SE	4	SSE	3	SSE	2	Calm	----	4	Ci.	Fr.-Cu.	2	Ci.	Cu. E
18	Calm	----	Calm	----	SSE	3	SE	4	Calm	----	Calm	----	1	Ci.	Cu.	2	Ci.	Cu. E
19	Calm	----	Calm	----	SE	3	SSE	1	Calm	----	Calm	----	4	Ci.	Fr.-Cu. ENE	7	Ci.-S.	Cu.-N. E
20	Calm	----	Calm	----	NNE	1	SE	3	Calm	----	Calm	----	9	Ci.-S.	Cu. ENE	5	Ci.-S.	Fr.-Cu. E
21	Calm	----	Calm	----	SSE	3	SE	4	Calm	----	Calm	----	2	Ci.	Cu.	2	Ci.	Cu. E
22	Calm	----	Calm	----	SE	4	WNW	3	Calm	----	Calm	----	2	Ci.	Cu.	1	Ci.	Cu.
23	Calm	----	Calm	----	SSW	2	SW	3	Calm	----	Calm	----	1	Ci.-Cu.	Cu.	1	Ci.	Cu.
24	Calm	----	Calm	----	SE	3	SE	4	SSE	2	Calm	----	2	Ci.	Cu.	1	Ci.	Cu.
25	Calm	----	Calm	----	WSW	3	SE	4	Calm	----	Calm	----	2	Ci.	Cu.	1	Ci.	Cu.
26	Calm	----	Calm	----	SE	3	SE	4	SE	2	Calm	----	4	Ci.	Cu. NE	3	Ci.	Fr.-Cu. E
27	Calm	----	Calm	----	SE	3	SE	3	Calm	----	Calm	----	2	Ci.	Cu.	5	Ci.	Cu. ESE
28	Calm	----	Calm	----	ESE	2	NE	2	NE	2	Calm	----	1	Ci.	Cu.	9	Ci.-S.	Cu. E
29	Calm	----	Calm	----	NW	2	SSE	3	Calm	----	Calm	----	4	Ci.	Cu. E	4	Ci.	Cu. E
30	Calm	----	Calm	----	SE	3	NE	4	Calm	----	Calm	----	7	Ci.-S.	Cu. E	9	Ci.-S.	Cu.
31	Calm	----	Calm	----	SW	2	SSE	3	Calm	----	Calm	----	6	Ci.-S.	Cu. E	6	Ci.-S.	Cu.-N.
Mean	-------	0	-------	0	-------	2.5	-------	3.2	-------	0.4	-------	0.1	3.4	-------------	-------------	3.2	-------------	-------------

TAGBILARAN.[a]

[$\phi = 9° 38'$ N; $\lambda = 123° 51'$ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

APRIL, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
6	61.36	62.30	63.08	60.36	60.43	61.75	61.55	22.6	22.6	30.5	31.8	28.4	25.9	27	33	21.7	91	92	62	55	64	72	72.7	-----
7	60.82	61.84	62.62	60.21	60.83	62.15	61.41	23.5	21.9	30	30	27.6	23	26	31.6	21.4	87	91	59	60	69	76	73.7	-----
8	61.17	61.73	62.20	59.11	60	61.29	60.92	21.7	21.8	30.6	33.3	29.9	27.1	27.4	33.7	20.8	89	91	63	54	55	70	70.3	-----
9	60.37	61.25	61.67	59.05	59.93	61.19	60.58	24.1	23.2	29.2	30.9	29.3	26.9	27.3	32.4	22.5	88	91	73	64	62	76	75.7	-----
10	60.52	61.08	61.26	58.81	60.13	61.28	60.51	24.3	24	30.7	33	28.9	27.3	28	34.2	23	89	91	63	57	57	69	71	-----
11	60.31	60.02	60.69	58.47	59.05	60.66	59.87	25.1	23.2	30	32.5	30	26.5	27.9	33.4	22.7	80	91	69	58	56	73	71.2	-----
12	60.03	60.42	60.62	58.61	59.13	60.69	59.92	24.1	23.2	31.4	33	30.2	27.6	28.2	34.1	22.8	86	88	60	55	53	67	68.2	-----
13	60.11	61.16	61.24	59.23	60.17	61.19	60.52	24.9	23	31.4	33.3	29.5	27	28.2	34.6	22.5	81	91	58	58	61	73	70.3	-----
14	60.26	60.62	61.18	58.95	59.70	60.99	60.28	25.4	24	30.5	32.1	29.2	26.6	28	33.5	23.6	81	90	62	57	68	71	71.5	-----
15	59.85	60.37	60.33	58.17	59.03	60.23	59.66	24.1	23.3	30.8	32.5	29.9	27	27.9	34.1	22.6	86	89	64	49	61	69	69.7	-----
16	59.83	59.82	60.57	58.10	58.43	59.81	59.43	24	23.2	30.2	30.9	27.3	26	26.9	32.8	22.7	83	84	59	60	81	78	74.2	-----
17	59.13	58.83	59.41	56.90	57.07	58.92	58.38	23.9	23.2	31.1	31.4	28.9	25.9	27.4	33	22.5	86	88	61	62	71	81	74.8	-----
18	58.18	58.67	59.82	57.43	57.98	59.22	58.55	24	23.9	31.6	31.2	28.2	25.9	27.5	32.4	22.6	88	89	58	63	77	78	75.5	-----
19	59.17	59.81	60.10	58.02	58.92	60.17	59.36	24.1	23.5	31.9	32.1	29.1	26.4	27.8	33.4	23	89	90	59	57	66	70	71.8	-----
20	59.93	60.64	60.54	58.43	59.07	60.11	59.79	24.3	24.3	32.4	30.5	28.8	26.6	27.8	33.4	23.6	80	81	62	62	71	73	71.5	-----
21	59.80	60.45	59.89	57.48	58.44	59.99	59.34	24.3	24.4	30	30.4	28	27.9	27.5	34.3	23.6	82	82	63	68	78	68?	73.5	0.8
22	59.19	60.21	60.07	57.92	58.93	60.20	59.42	26.7	25.3	30.9	32.5	29.6	27	28.7	33	24.7	77	89	60	54	57	71	68	-----
23	59.23	59.90	60.05	59.42	59.90	61.01	59.92	25.1	24.4	31.4	25.1	25.4	24.6	26	33.2	23.8	83	86	54	91	95	87	82.7	6.8
24	59.92	60.38	60.30	58.69	59.14	60.29	59.79	24.1	23.5	30.3	29.2	27.7	25.8	26.8	32.1	22.8	90	94	64	78	77	84	81.2	1.8
25	59.41	59.82	59.93	57.90	58.63	59.56	59.21	23.6	24	30.8	26.2	25.8	24	25.7	32.6	22.6	86	86	63	89	81	91	82.7	10.7
26	58.96	59.27	59.78	57.57	58.19	59.32	58.85	24	24	28.6	31.3	27.9	25.2	26.8	32.2	23	92	93	71	60	77	89	80.3	-----
27	58.68	58.84	59.52	57.12	57.68	59.19	58.50	23.3	23	31.4	32	28.4	26.7	27.5	32.4	22.1	91	93	61	57	74	80	76	-----
28	58.22	58.70	59.73	57.62	58.41	60.07	58.79	25.2	25.3	29.4	30.5	27	25.2	27.1	32.3	23.9	86	87	72	65	78	88	79.3	-----
29	59.62	59.59	59.16	56.68	57.71	59.51	58.71	24	23.1	31.5	30.6	28.3	26.1	27.3	33.2	22.4	90	90	61	57	65	79	73.7	-----
30	58.57	58.85	59.44	57.03	57.90	59.36	58.52	26.1	25.3	30.3	31.9	27.9	27.2	28.1	33.1	24.6	82	87	67	62	81	86	77.5	-----
Mean	59.71	60.18	60.53	58.29	58.99	60.33	59.67	24.3	23.6	30.7	31.1	28.4	26.2	27.4	33.1	22.9	85.7	89	62.7	62.1	69.4	76.8	74.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	[b]20.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
6	Calm	----	Calm	----	SSE	4	W	2	Calm	----	NE	1	2	Ci.	Cu.	1	Ci.	Cu.
7	Calm	----	Calm	----	SSE	3	SE	4	SSE	2	Calm	----	2	Ci.	Cu.	1	Ci.	Cu.
8	Calm	----	Calm	----	SE	2	SSW	4	ESE	2	E	3	1	Ci.	Cu.	2	Ci.	Cu.
9	Calm	----	Calm	----	SE	4	SSW	3	NE	1	Calm	----	5	Ci.	Cu. E	3	Ci.	Cu. SSE
10	Calm	----	Calm	----	SSE	3	SSE	4	Calm	----	ENE	2	1	Ci.	Cu.	3	Ci.	Fr.-Cu. E
11	Calm	----	Calm	----	SE	4	W	2	E	2	Calm	----	1	Ci.	Cu.	2	Ci.	Fr.-Cu. SE
12	Calm	----	Calm	----	SE	4	SW	3	NE	3	E	2	1	Ci.	Cu.	1	Ci.	Cu.
13	Calm	----	Calm	----	SE	4	SSW	2	E	4	E	3	1	Ci.	Cu.	4	Ci.	Cu. ESE
14	E	2	Calm	----	SSE	4	SW	3	SE	3	Calm	----	2	Ci.	Cu.	4	Ci.	Cu. SE
15	Calm	----	Calm	----	SE	4	SSE	3	E	2	Calm	----	1	Ci.	Cu.	1	Ci.	Cu.
16	Calm	----	Calm	----	SE	3	SE	4	SE	2	Calm	----	1	Ci.	Cu.	1	Ci.	Cu.
17	Calm	----	Calm	----	SSE	1	SSE	1	Calm	----	Calm	----	2	Ci.	Cu.	1	Ci.	Cu.
18	Calm	----	Calm	----	SE	3	SSE	4	Calm	----	Calm	----	2	Ci.	Cu.	1	Ci.	Cu.
19	Calm	----	Calm	----	SSE	2	SE	3	Calm	----	Calm	----	1	Ci.	Cu.	4	Ci.	Cu. E
20	Calm	----	Calm	----	SSW	2	NNE	2	Calm	----	Calm	----	3	Ci.	Cu. ESE	9	Ci.-S.	Cu. E
21	Calm	----	Calm	----	SE	3	NNE	1	Calm	----	Calm	----	2	Ci.	Cu.	7	Ci.-S.	Cu. NE
22	Calm	----	Calm	----	SE	3	SSE	5	SE	1	Calm	----	6	Ci.-S.	Cu. E	5	Ci.	Cu. E
23	Calm	----	Calm	----	NE	2	NNE	2	Calm	----	Calm	----	1	Ci.	Cu.	10	-----	N. E
24	Calm	----	Calm	----	SSE	1	SSE	1	Calm	----	Calm	----	1	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
25	Calm	----	Calm	----	SE	2	SE	2	Calm	----	Calm	----	6	Ci.	Cu. E	9	Ci.	Cu.-N. E
26	Calm	----	Calm	----	SE	3	W	1	Calm	----	Calm	----	5	Ci.	Cu. ENE	4	Ci.	Cu. NE
27	Calm	----	Calm	----	SE	3	NNW	2	Calm	----	Calm	----	1	Ci.	Cu.	2	Ci.	Cu. NE
28	Calm	----	Calm	----	SSW	1	SE	3	Calm	----	Calm	----	3	Ci.	Cu.	4	Ci.	Cu. E
29	Calm	----	Calm	----	W	2	SE	4	Calm	----	Calm	----	1	Ci.	Cu.	2	Ci.	Cu.
30	Calm	----	Calm	----	SE	3	WNW	1	SSE	2	Calm	----	6	Ci.-S.	Cu. E	4	Ci.	Cu.
Mean	------	0.1	------	0	------	2.8	------	2.6	------	1	------	0.4	2.3	------	------	3.7	------	------

[a] This station was temporarily closed from April 1 to 5.

[b] 25 days of observation only.

TAGBILARAN.[a]

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

MAY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.11	58.74	59.23	56.90	58.23	59.43	58.44	26.5	25.9	30.4	29.8	28.4	27.2	28	32.2	25.3	89	92	72	73	80	84	81.7	7.6
2	58.36	58.41	59	56.59	58.63	59.47	58.41	26	25	30.5	29.5	28.2	24.6	27.3	31.4	23.9	90	94	74	74	82	89	83.8	------
3	58.20	58.55	58.94	56.83	58.06	58.69	58.21	24.5	24.6	30.5	29	27.7	25.8	27	31.8	24	92	94	69	71	83	89	83	------
4	57.77	58.17	58.38	55.44	56.79	57.62	57.36	25.2	25	32.1	30.5	28.4	25.8	27.8	32.5	24.1	92	92	55	68	80	88	79.2	------
5	57.14	58.11	58.69	56.49	57.44	58.22	57.68	23.6	23.5	31	30.9	28.4	26.3	27.3	31.8	22.7	84	85	67	65	72	82	75.8	------
6	57.78	57.87	58.03	56.74	57.35	58.36	57.69	24.4	25.4	31.5	32.9	29.6	27	28.5	33.7	23.8	88	87	65	55	61	72	71.3	------
7	57.15	57.63	57.77	55.37	56.25	58.16	57.06	25	24.9	31.8	32.7	30	28	28.7	33.3	23.6	88	89	61	57	58	69	70.3	------
8	56.81	57.36	58.17	55.83	56.88	57.34	57.06	25.5	25	30	33.8	29.2	26	28.2	34.8	24	85	88	67	47	62	81	71.7	------
9	57.07	57.63	58.22	56.62	56.88	58.82	57.54	24.4	25.1	30.9	30.6	28.9	25.9	27.6	32.7	23.7	88	88	61	70	63	86	76	4.1
10	57.76	58.47	57.13	55.93	57.21	58.42	57.49	25	24.9	29.3	29.1	27.2	26	26.9	32.1	24.4	90	92	76	71	84	89	83.7	------
11	57.56	57.91	58.55	56.63	58.54	58.83	58	25.8	25.9	31	30.6	28.3	27	28.1	32	25.3	89	90	67	67	77	86	79.3	------
12	57.85	58.61	59.67	57.35	58.25	59.28	58.50	25.2	25.5	32	31.4	28.2	26.8	28.2	32.5	24.7	89	90	64	67	82	86	79.7	------
13	58.10	58.60	59.12	56.66	57.93	59.58	58.33	25.4	25	31.2	29.5	27.6	27.7	27.7	31.7	24.5	92	93	63	68	80	79	79.2	------
14	58.51	59.08	59.45	57.07	58.19	59.93	58.70	26.7	25.4	31.4	31.7	28.3	27.8	28.6	33	24.7	85	93	59	60	74	77	74.7	1.8
15	59.40	59.05	59.56	56.90	58.66	59.37	58.82	25.4	26	29.9	30	28	26.4	27.6	31	24.7	88	89	65	67	79	85	78.8	------
16	58.27	58.21	58.28	56.25	57.64	59.30	57.99	26.2	25.3	31.7	30.7	28.8	25.6	28	32.2	24.7	86	93	56	66	72	92	77.5	17.8
17	58.22	58.83	59.21	57.25	58.40	59.81	58.62	25.2	25.3	29.4	29.7	28	26.2	27.3	31.5	24.7	95	96	67	65	74	85	80.3	------
18	59.37	59.90	60.34	58.23	59.34	60.63	59.64	25.4	25.3	30.6	30.6	28.7	26.7	27.9	32.1	24.6	90	91	61	59	69	80	75	------
19	59.87	60.41	60.28	58	59.03	60.10	59.62	25.9	24.9	31.3	31	28.2	27.7	28.2	31.8	24.5	85	89	57	65	76	79	75.2	------
20	59.14	59.79	59.02	56.66	58.12	58.99	58.62	27.1	26.4	30.8	32	29.2	28.2	29	34.1	26	82	85	60	59	71	70	71.2	------
21	58.01	58.71	58.67	56.19	56.99	58.31	57.81	27.7	27.8	30	30.3	28.8	27.4	28.7	32.2	25.9	71	71	64	68	71	78	70.5	------
22	57.67	58.20	58.58	56.92	58.92	60.24	58.42	25.7	25.5	31.6	30.8	26.1	24.8	27.4	32.3	23.5	87	88	58	62	91	92	79.7	1.3
23	59.18	58.88	59.64	57.66	59.16	60.36	59.15	25.1	24.9	29	29	27.6	24.8	26.7	31.7	24.2	90	92	67	69	81	92	81.8	------
24	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
25	59.78	59.88	59.82	57.98	58.29	59.94	59.28	24.5	24.6	31.6	29.7	28.8	26.8	27.7	32.2	23.8	91	92	67	75	75	86	81	------
26	59.36	60	60.18	57.95	59.06	60.06	59.44	26.6	25.3	31.3	31.7	29	27.8	28.6	32.8	24.6	86	92	68	65	76	84	78.5	------
27	58.96	59.75	59.98	57.60	58.28	60.19	59.13	25.9	26	30	31	28	26.7	27.9	31.4	24.7	90	90	74	67	83	88	82	22.6
28	59.41	61.39	60.70	58.04	58.80	60.27	59.77	25.5	24.9	25.7	29.4	26.9	25.6	26.3	30.1	23.4	94	97	91	71	83	93	88.2	4.1
29	59.68	59.66	59.82	57.45	58.11	59.66	59.06	25.1	24.8	30.5	27.9	28	25.8	27	31.4	23.8	94	96	74	79	85	93	86.8	------
30	58.93	58.68	58.28	56.53	56.90	58.38	57.95	25	25.2	31	29.9	28.6	27.3	27.8	32.2	24.3	92	93	68	76	80	87	82.7	------
31	57.69	58.51	57.58	55.69	56.19	57.25	57.15	26.9	25.6	31.7	31.9	28.8	27.7	28.8	33.6	24.5	88	91	64	62	80	88	78.8	------
Mean	58.37	58.83	59.01	56.86	57.95	59.17	58.36	25.5	25.3	30.7	30.6	28.3	26.6	27.8	32.3	24.4	88.3	90.4	66	66.3	76.1	84.3	78.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	59.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SE	3	SSE	2	SSE	2	Calm	----	4	Ci.	Cu. ESE	6	Ci.-S.	Cu.
2	Calm	----	Calm	----	ESE	3	ESE	3	SE	2	SSE	3	3	Ci.	Cu.	7	Ci.-S.	Cu.
3	Calm	----	Calm	----	SE	3	Calm	----	SSE	2	Calm	----	2	Ci.	Cu.	9	Ci.-S.	Cu.
4	Calm	----	Calm	----	SSE	2	SE	3	Calm	----	Calm	----	1	Ci.	Cu.	5	Ci.-S.	Cu. E
5	Calm	----	Calm	----	ESE	4	SE	5	Calm	----	Calm	----	1	Ci.	Cu.	1	Ci.	Cu.
6	Calm	----	Calm	----	SE	2	SSE	2	Calm	----	Calm	----	4	Ci.	Cu. E	2	Ci.	Cu. E
7	Calm	----	Calm	----	SE	3	NNE	3	NE	2	Calm	----	1	Ci.	Cu.	2	Ci.	Cu. E
8	Calm	----	Calm	----	SSE	3	SE	1	Calm	----	Calm	----	1	Ci.	Cu.	4	Ci.	Cu. E
9	Calm	----	Calm	----	SE	3	SSE	1	Calm	----	Calm	----	4	Ci.	Cu. E	10	Ci.-S.	Fr.-N. E
10	Calm	----	Calm	----	W	3	SSE	3	Calm	----	Calm	----	10	------------	N. NE	9	Ci.-S.	Cu. E
11	Calm	----	Calm	----	ESE	3	SE	4	Calm	----	Calm	----	4	Ci.	Cu. NE	2	Ci.	Cu.
12	Calm	----	Calm	----	SE	2	SW	2	Calm	----	Calm	----	2	Ci.	Cu.	3	Ci.	Cu.
13	Calm	----	Calm	----	SE	3	SE	4	SSE	3	SSE	4	2	Ci.	Cu.	7	Ci.-S.	Cu. E
14	SE	2	Calm	----	SE	3	SSE	4	SSE	3	SE	3	8	A.-Cu.	Cu. E	3	Ci.	Cu. E
15	SSE	2	Calm	----	SE	3	SE	3	Calm	----	Calm	----	2	Ci.	Cu.	2	Ci.	Cu.
16	Calm	----	Calm	----	SSE	3	SSE	3	Calm	----	Calm	----	3	Ci.	Cu. ESE	4	Ci.-S.	Cu.
17	Calm	----	Calm	----	S	3	SE	3	SSE	3	Calm	----	10	Ci.-S.	Fr.-N. E	5	Ci.-S.	Cu. E
18	Calm	----	Calm	----	SSE	3	SSE	4	SSE	2	Calm	----	2	Ci.	Cu. ESE	1	Ci.	Cu.
19	Calm	----	Calm	----	ESE	4	SSE	4	SSE	3	Calm	----	1	Ci.	Cu.	2	Ci.	Cu.
20	Calm	----	Calm	----	SE	3	SE	2	SSE	2	Calm	----	2	Ci.	Cu.	3	Ci.	Cu.
21	Calm	----	SSE	2	SE	3	SE	3	Calm	----	Calm	----	6	Ci.-S.	Cu.	6	Ci.-S.	Cu.
22	Calm	----	Calm	----	S	4	SE	3	ESE	5	Calm	----	6	Ci.-S.	Cu.	6	Ci.-S.	Cu.
23	Calm	----	Calm	----	SSE	3	SE	4	S	2	Calm	----	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
24	------	----	------	----	------	----	------	----	------	----	------	----	----	------------	------------	----	------------	------------
25	Calm	----	Calm	----	SSE	3	S	2	Calm	----	Calm	----	2	Ci.	Cu.	7	Ci.-S.	Cu.
26	Calm	----	Calm	----	SE	3	SSE	3	S	2	SE	3	5	Ci.	Cu. ENE	3	Ci.	Cu.
27	Calm	----	Calm	----	S	4	S	3	Calm	----	Calm	----	4	Ci.-S.	Cu.	2	Ci.	Cu.
28	Calm	----	NNE	3	SE	3	SSE	1	Calm	----	Calm	----	10	------------	N. NE	9	Ci.-S.	Cu. E
29	Calm	----	Calm	----	S	2	SSE	1	Calm	----	Calm	----	4	Ci.	Cu.	9	Ci.-S.	Cu.
30	Calm	----	Calm	----	S	3	SE	3	Calm	----	Calm	----	3	Ci.	Cu.	6	Ci.-S.	Cu. E
31	Calm	----	Calm	----	S	1	SSE	4	Calm	----	Calm	----	2	Ci.	Cu.	3	Ci.	Cu. E
Mean	------	0.1	------	0.2	------	2.9	------	2.8	------	1.1	------	0.4	4	------------	------------	4.9	------------	------------

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[a] This station was temporarily closed on the 24th.

TAGBILARAN.[a]

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

JUNE, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.88	58.01	58.33	57.03	57.58	58.72	57.76	25.7	25	30	30.9	28.9	26.2	27.8	32.8	24.6	88	90	67	68	76	90	79.8	-----
2	58.60	59.46	59.36	57.41	58.40	59.85	58.85	24.9	25.1	33	32.7	29.5	27.2	28.7	33.5	23.7	93	94	53	56	67	81	74	-----
3	58.97	59.75	58.77	57.20	58.68	59.26	58.77	26	26	30.4	26.6	28	25.9	27.2	33	24.7	83	84	68	86	83	89	82.2	2.8
4	58.37	59.30	59.45	57.30	58.10	58.76	58.55	25	24.9	30.6	30.7	28	26.4	27.6	31.4	24.3	90	91	67	65	77	87	79.5	-----
5	57.59	58.28	58.78	56.79	57.87	59.04	58.06	26	24.9	32	31.7	29	26.5	28.4	32.8	24.3	89	92	56	55	72	85	74.8	-----
6	58.08	58.30	58.99	57.38	58	59.59	58.39	24.2	24.1	30	30	27.1	24.2	26.6	32.3	23.4	92	93	73	74	83	93	84.7	1.5
7	58.94	58.94	59.14	56.53	57	58.51	58.18	24.1	24	31	32.7	29.1	26.4	27.9	33.3	23.2	94	95	64	62	71	88	79	-----
8	57.62	58.06	57.93	55.61	56.72	58.21	57.36	25.3	25.1	31.6	31.4	25.7	24.4	27.2	33.3	23.4	91	92	61	66	88	91	81.5	34.6
9	56.59	56.89	57.28	55.60	56.34	57.27	56.66	24.1	24	31	31.5	28.8	26	27.6	32.5	23.5	92	93	67	66	76	89	80.5	-----
10	56.22	56.97	57.20	55.62	56.53	57.77	56.72	24.9	24.6	30.6	31.2	28	26.1	27.6	31.6	23.7	92	92	69	63	81	90	81.2	-----
11	57	57.45	57.80	55.95	56.63	58.01	57.14	25.1	25	30.9	30.7	28.2	26.8	27.8	31.9	24.5	91	92	67	71	79	86	81	.8
12	57.28	57.77	58.38	56.58	57.56	58.69	57.71	25.8	25.8	30.1	29.8	27	26	27.4	32.1	25.3	91	92	76	71	85	92	84.5	-----
13	57.56	57.86	57.92	56.52	57.11	58.67	57.61	25	24.9	31	29.2	27.4	26.2	27.3	31.7	24.2	93	94	64	81	83	89	84	3.8
14	57.23	57.16	57.44	55.79	56.43	57.70	56.96	25	25	30.4	30.6	28.7	26.2	27.6	31.3	24.4	93	94	70	73	80	92	83.7	-----
15	57.21	57.80	58.02	56.39	56.82	58.31	57.42	25.7	25.7	31.1	31	29.5	26.9	28.3	32.4	24.6	92	93	70	67	73	86	80.2	-----
16	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
17	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
18	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
19	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
20	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
21	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
22	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
23	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
24	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
25	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
26	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
27	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
28	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
29	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
30	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	57.61	58.13	58.32	56.51	57.32	58.56	57.74	25.1	24.9	30.9	30.7	28.2	26.1	27.7	32.4	24.1	90.9	92.1	66.1	68.3	78.3	88.5	80.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	S	3	S	3	Calm	----	Calm	----	4	Ci.	Cu. NE	5	Ci.	Cu. E
2	Calm	----	Calm	----	S	2	S	2	Calm	----	Calm	----	2	Ci.	Cu.	3	Ci.	Fr.-Cu. NE
3	Calm	----	Calm	----	SE	3	S	2	Calm	----	Calm	----	7	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. E
4	Calm	----	Calm	----	S	4	S	4	S	2	Calm	----	3	Ci.	Cu.	2	Ci.	Cu.
5	Calm	----	Calm	----	S	4	S	4	Calm	----	Calm	----	2	Ci.	Cu.	1	Ci.	Cu.
6	Calm	----	Calm	----	SSE	3	SSE	2	Calm	----	Calm	----	4	Ci.	Cu.	10	Ci.-S.	Cu.-N. E
7	Calm	----	Calm	----	S	3	NE	2	Calm	----	Calm	----	2	Ci.	Cu.	5	Ci.	Cu.-N. E
8	Calm	----	Calm	----	SSE	3	SE	2	E	1	Calm	----	4	Ci.	Cu.	4	Ci.	Cu. NE
9	Calm	----	Calm	----	NW	1	NNW	2	Calm	----	Calm	----	9	Ci.-S.	Cu.	4	Ci.	Cu. N
10	Calm	----	Calm	----	SW	2	S	3	Calm	----	Calm	----	10	Ci.-S.	Cu.	6	Ci.	Cu.-N. E
11	Calm	----	Calm	----	S	3	S	4	SE	2	Calm	----	4	Ci.	Cu.	3	Ci.	Cu.
12	Calm	----	Calm	----	W	2	SE	2	Calm	----	Calm	----	10	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.NE
13	Calm	----	NE	1	SSE	2	S	1	Calm	----	Calm	----	4	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
14	Calm	----	E	2	S	1	SSE	2	Calm	----	Calm	----	10	Ci.-S.	Cu.	7	Ci.-S.	Cu.
15	Calm	----	Calm	----	SSE	3	NNW	2	Calm	----	Calm	----	5	Ci.-Cu.	Cu. ENE	4	Ci.	Cu.-N.NE
16	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
17	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
18	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
19	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
20	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
21	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
22	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
23	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
24	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
25	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
26	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
27	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
28	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
29	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
30	-----	----	-----	----	-----	----	-----	----	-----	----	-----	----	----	-----	-----	----	-----	-----
Mean	------	0	------	0.2	------	2.6	------	2.5	------	0.3	------	0	5.3	------	------	5.3	------	------

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[a] This station was temporarily closed from June 16 to 30.

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

JULY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	59.47	59.83	59.89	57.17	58.18	58.86	58.90	24.7	24.2	29.4	30.2	28.4	26.4	27.2	32.5	23.8	94	97	73	70	79	91	84	------
2	58.20	58.09	57.91	55.90	57.13	58.61	57.64	25.2	26.8	29.1	31.3	28.2	26.2	27.8	32.3	24.7	90	90	79	69	82	90	83.3	4.3
3	57.55	57.62	57.50	55.55	57.25	58.10	57.26	26	24.4	29.6	31	28.5	26.1	27.6	31.4	23.6	91	95	77	67	78	93	83.5	------
4	57.62	58.54	58.98	57.15	57.68	59.39	58.23	25.9	25.9	31.5	31.5	29	27.9	28.6	32.3	25.2	94	94	70	67	80	88	82.2	------
5	58.47	58.85	59.34	57.80	58.40	59.07	58.66	26.3	25.2	31.4	27.9	28.2	26.1	27.5	32.7	24.5	94	96	68	88	82	90	86.3	.8
6	58.41	59.10	59.16	57.71	58.45	59.61	58.74	25.5	24.9	30.6	27.9	26.8	25	26.8	32.1	23.9	93	96	69	84	91	94	87.8	1.5
7	58.72	59.16	59.38	57.65	58.20	60.25	58.89	24.1	24.2	30.6	30.7	29	26.4	27.5	32.4	23.6	94	95	68	71	74	89	81.8	3.3
8	59.81	59.77	59.99	58.60	58.98	60.61	59.63	24.2	24.4	30.4	31.4	29	26.1	27.6	32.4	23.5	96	97	74	68	76	91	83.7	------
9	59.80	59.91	60.39	58.61	59.54	60.45	59.78	25.8	25.2	29.3	32	27.3	26	27.6	32.5	24.5	93	96	77	69	91	91	86.2	------
10	58.91	59.41	60.24	57.94	58.39	59.71	59.10	25.1	24.9	30.3	29	28.3	26.4	27.3	32.3	24	93	94	68	83	88	95	86.8	1
11	58.66	58.93	59.70	58.05	58.73	59.66	58.96	25.8	25	30	28.9	27.4	25.3	27.1	30.5	24	93	95	74	78	85	96	86.8	------
12	58.45	59.03	59.31	57.66	58.27	58.73	58.58	25	24.3	28.6	28	26.9	25.6	26.4	30.1	23.9	96	97	79	80	87	94	88.8	------
13	57.72	58.10	58.15	56.21	57.42	57.93	57.59	24.7	24.7	30.9	29	25.3	24.8	26.6	32.3	23.7	92	92	62	68	93	93	83.3	.5
14	56.86	57.21	57.56	55.79	56.40	57.43	56.88	24	23.8	30.5	29.4	27.9	25.8	26.9	32.1	23.4	92	93	67	74	81	92	83.2	------
15	56.77	57.37	57.09	56.09	57.05	58.18	57.09	25.1	24.8	30.5	29.3	26.1	24.6	26.7	31.6	23.6	93	94	70	74	87	92	85	------
16	57.66	57.79	58.57	57.03	57.05	58.10	57.70	24	23.6	31	30.1	28.2	25.9	27.1	32.7	22.7	94	95	62	73	82	90	82.7	------
17	57.57	57.32	57.50	56.28	56.81	57.97	57.24	25	24.7	31	29.8	28.6	25.9	27.5	33.5	23.8	92	93	66	73	76	93	82.2	------
18	56.98	56.97	57.32	55.07	56.36	57.54	56.71	25	24.7	30.8	31	28.8	26.9	27.9	31.7	24.2	93	94	68	67	76	88	81	2.8
19	56.41	56.63	56.64	55.24	56	57.41	56.39	25	25.7	30.3	30.8	28.2	26.1	27.7	32.3	24.4	96	96	72	69	85	94	85.3	------
20	56.58	56.51	56.84	55.34	56.40	57.66	56.56	25	25.9	30.3	32.4	29	26.6	28.2	33.6	23.4	93	94	77	63	78	90	82.5	5.3
21	57.81	58.03	58.07	56.53	58.29	60.09	58.14	24.5	25.1	31.2	31.3	28	25.5	27.6	32.2	23.7	96	95	71	66	83	94	84.2	12.7
22	59.01	58.90	59.51	57.99	59.54	60.09	59.17	25.6	25.3	30	29.5	28	25.9	27.4	31.4	24.2	93	94	73	75	83	95	85.5	------
23	58.60	59.25	60.13	57.55	57.79	58.58	58.65	26	26.3	30.4	31.3	28.3	27	28.2	32	25.5	92	90	73	68	80	80	80.5	------
24	57.66	57.50	57.50	55.45	56.28	57.15?	56.92	26.1	25.5	31.1	30.9	28.7	27	28.2	32.4	24.7	89	91	64	72	71	84	78.5	------
25	56.36	57.21	57.46	55.98	56.63	58.12	56.96	26.3	26.2	29.5	28.3	27.2	26.3	27.3	30.7	25.5	88	89	74	74	81	85	81.8	------
26	57.34	57.03	56.97	55.03	57.02	57.74	56.86	26.8	25.9	30.6	32	26.9	26.9	28.2	32.5	25.3	82	84	67	61	85	78	76.2	------
27	56.77	56.80	56.75	55.80	55.46	56.22	56.30	26.8	26.3	29.9	31.2	26.5	26.9	27.9	32.5	23.5	84	86	73	64	86	82	79.2	8.4
28	55.89	56.22	55.88	54.29	54.47	55.79	55.42	23.9	24.8	28.7	28	27	26	26.4	29.9	23.5	92	93	81	81	86	91	87.3	3.3
29	54.64	54.37	55.23	54.37	54.52	55.28	54.74	25.2	25.7	25.7	27	25.9	26.6	26	27.6	24.2	92	93	93	86	88	86	89.7	84.1
30	54.72	55.29	55.82	55.20	56.10	56.80	55.66	25.1	25.6	29	27.3	26.3	26.2	26.6	29.4	24.1	88	89	73	80	82	85	82.8	5.1
31	56.16	56.42	56.94	55.67	56.09	57.46	56.46	25.8	26.2	30.4	30.9	28	26.5	28	32.1	25	81	82	63	65	79	91	76.8	------
Mean	57.60	57.84	58.12	56.47	57.25	58.34	57.61	25.3	25.2	30.1	30	27.7	26.2	27.4	31.8	24.1	91.7	92.9	71.8	72.5	82.4	89.8	83.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	133.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		0-12		0-12		0-12		0-12		0-12	0-10			0-10		
1	Calm	----	Calm	----	SW	1	SE	2	E	1	Calm	----	4	Ci.	Cu.	4	Ci.	Cu. E
2	Calm	----	E	1	S	2	SE	3	SE	2	Calm	----	5	Ci.	Fr.-Cu. SSE	3	Ci.	Cu.
3	Calm	----	Calm	----	SE	3	SSE	3	Calm	----	Calm	----	5	Ci.	Cu.	2	Ci.	Cu.
4	Calm	----	Calm	----	SE	3	SSE	3	Calm	----	Calm	----	3	Ci.	Cu.	1	Ci.	Cu.
5	Calm	----	Calm	----	SSE	2	Calm	----	Calm	----	Calm	----	1	Ci.	Cu.	10	Ci.-S.	Cu.
6	Calm	----	Calm	----	NW	2	SE	1	Calm	----	Calm	----	10	Ci.-S.	Cu.	9	Ci.-S.	Cu. ENE
7	Calm	----	Calm	----	SE	2	SSE	2	Calm	----	Calm	----	3	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
8	Calm	----	Calm	----	SE	3	NNW	1	Calm	----	Calm	----	1	Ci.	Cu.	3	Ci.	Cu.
9	Calm	----	Calm	----	SE	3	SSE	2	Calm	----	Calm	----	4	Ci.	Cu.	5	Ci.	Cu. E
10	Calm	----	Calm	----	SE	2	SSE	1	Calm	----	Calm	----	7	Ci.-S.	Cu. NNE	9	Ci.-S.	Cu.-N. E
11	Calm	----	Calm	----	SSE	2	SSE	1	Calm	----	Calm	----	6	Ci.-S.	Cu.	10	Ci.-S.	Cu.
12	Calm	----	Calm	----	SSE	2	SE	2	Calm	----	Calm	----	6	Ci.	Cu. ENE	10	Ci.-S.	Cu. NE
13	Calm	----	Calm	----	SSE	3	SE	1	SE	1	Calm	----	6	Ci.	Cu. NE	6	Ci.-S.	Cu. NE
14	Calm	----	Calm	----	ESE	2	NW	2	Calm	----	Calm	----	4	Ci.-Cu.	Cu. NE	7	Ci.	Cu. NNE
15	Calm	----	Calm	----	SE	4	SSE	4	SE	1	Calm	----	7	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N.
16	Calm	----	Calm	----	ESE	3	NW	1	Calm	----	Calm	----	5	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. N
17	Calm	----	Calm	----	SSE	3	ESE	1	Calm	----	Calm	----	2	Ci.	Cu.	7	Ci.-S.	Cu.-N.
18	Calm	----	Calm	----	SSE	3	SSE	4	Calm	----	Calm	----	2	Ci.	Cu.	2	Ci.	Cu. NE
19	Calm	----	Calm	----	ESE	3	SE	1	Calm	----	Calm	----	9	Ci.-S.	Cu.	4	Ci.	Cu. NE
20	Calm	----	Calm	----	SSE	1	SE	1	Calm	----	Calm	----	7	Ci.-S.	Cu. NE	4	Ci.-S.	Cu.
21	SSE	2	Calm	----	W	1	S	3	Calm	----	SSE	4	5	Ci.	Cu.	4	Ci.	Cu. SE
22	Calm	----	ESE	1	SSE	3	SE	3	S	2	Calm	----	5	Ci.-S.	Cu.	6	Ci.-S.	Cu.
23	Calm	----	S	3	S	3	SW	3	Calm	----	Calm	----	6	Ci.-S.	Cu.	4	Ci.	Cu. W
24	Calm	----	Calm	----	S	2	S	4	S	2	Calm	----	6	Ci.-S.	Cu.	4	Ci.-S.	Cu. SW
25	Calm	----	S	3	S	4	S	5	S	3	Calm	----	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
26	Calm	----	S	2	S	4	SSW	3	SSW	4	S	2	7	Ci.-S.	Cu. WSW	4	Ci.	Cu. W
27	Calm	----	S	1	SSW	4	S	5	S	4	S	2	10	Ci.-S.	Cu.	9	Ci.-S.	Cu. SW
28	S	2	S	2	S	4	S	3	S	1	Calm	----	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. WSW
29	Calm	----	S	1	S	4	SSW	4	S	3	S	2	10	------------	N. SW	10	------------	N. SW
30	S	2	S	3	S	5	S	4	Calm	----	Calm	----	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
31	Calm	----	S	2	S	3	S	3	Calm	----	Calm	----	8	Ci.-S.	Cu.	4	Ci.-S.	Cu. SW
Mean	-------	0.2	-------	0.6	-------	2.8	-------	2.5	-------	0.8	-------	0.3	5.9	------------	------------	6.3	------------	------------

TAGBILARAN.

[φ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

AUGUST, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.15	57.29	57.78	56.18	56.69	57.86	57.16	26.6	26.3	30.6	31	28.8	27.4	28.4	32	25.5	88	90	65	66	78	86	78.8	-----
2	57.77	57.65	58.32	56.33	57.09	58.52	57.61	26.7	25.9	31.3	30.9	28.2	26	28.2	32.2	24.9	90	91	66	69	77	91	80.7	-----
3	57.72	58.30	58.50	56.24	57.49	58.60	57.81	25	24.9	31.6	31.1	29	26.8	28.1	32.5	24.3	95	96	63	69	75	85	80.5	-----
4	57.55	57.47	57.67	55.93	57.14	58.55	57.38	26.9	26.1	32	31.6	29.2	28.2	29	33.2	24.8	86	89	59	65	72	79	75	-----
5	57.59	58	58.57	57.07	57.84	59.44	58.08	27.1	27.1	30.2	31	28.4	26.9	28.4	31.5	26.5	78	79	73	67	73	80	75	-----
6	58.09	58.82	58.95	57.38	58.03	59.65	58.49	26.5	26.2	30.2	32.3	28.6	27.1	28.5	32.9	25.5	87	89	68	59	75	85	77.2	-----
7	59.11	59.10	59.41	57.31	57.84	59.25	58.67	26.2	25.8	31.5	32.6	29.7	27.4	28.9	33.1	24.5	90	90	59	59	66	74	73	-----
8	58.56	58.55	58.59	56.10	56.95	58.68	57.90	26.1	26.7	31.5	33.3	29.5	27	29	33.8	25.1	84	85	65	54	70	81	73.2	-----
9	57.62	57.59	57.91	56.04	57.03	59.14	57.56	26.1	27.1	32	32	30	27.1	29	33.8	25.2	86	87	63	54	65	83	73	-----
10	58.23	58.33	58.67	56.93	58.41	60.09	58.44	27.2	27.2	31.2	33.5	30	28	29.5	34.4	26.3	84	85	60	53	71	74	71.2	-----
11	59.20	60.11	59.20	57.47	58.73	59.70	59.07	27.2	27.3	31	31.3	28.3	26.7	28.6	32.9	25	81	82	65	64	79	87	76.3	-----
12	59.16	59.30	59.25	57.49	57.14	58.80	58.52	24.8	24.7	31.3	31.8	28.5	26	27.8	33.3	23.8	92	92	63	62	79	87	79.2	-----
13	58.01	58.46	58.72	56.27	57.30	58.77	57.92	26.2	26.6	31	32	29.2	26.8	28.6	32.8	24.4	82	83	66	63	73	83	75	-----
14	57.90	58.06	58.25	56.78	57.67	59.01	57.94	26	26.3	31.7	31	29.4	26.8	28.5	33.5	24.5	85	86	63	66	72	85	76.2	-----
15	57.87	58	58.90	56.97	57.92	59.92	58.26	25.9	26.9	30.4	32.3	29.3	24.7	28.2	34.4	23.5	87	88	72	59	75	91	78.7	23.9
16	59.34	59.21	59.11	56.81	57.59	59.08	58.52	24.8	24.6	28.8	28.6	25.6	23.2	25.9	30.2	22.8	93	95	81	79	88	98	89	9.4
17	57.51	57.62	57.71	56	56.38	57.19	57.07	23.5	24.3	29.3	27.9	24.2	24.3	25.6	30.6	23	96	97	74	88	98	96	91.5	67.6
18	56.26	56.62	56.67	55.06	56.21	57.95	56.46	24	24.5	28.8	29.7	27.9	25.8	26.8	30.7	23	97	98	79	72	84	93	87.2	9.4
19	56.61	56.27	56.63	55.39	56.75	57.71	56.56	25.3	26	30	30.1	27.3	25	27.3	30.7	24.5	88	89	71	72	88	96	84	-----
20	56.57	56.41	56.80	55.56	56.69	57.56	56.60	25.9	26.3	30.7	31.6	28.4	26.2	28.2	32.3	24.8	87	88	70	65	79	82	78.5	-----
21	56.65	57.16	57.62	56.02	56.89	58.59	57.16	27.1	26.5	29.9	32.9	28.8	27	28.7	33.3	25.6	81	83	67	60	79	89	76.5	-----
22	57.76	57.97	57.95	56.30	57.15	58.30	57.57	26.5	26.2	31.4	31	28.2	27.4	28.4	32.7	25.5	88	89	68	67	79	81	78.7	-----
23	57.28	57.27	58.04	56.14	56.74	58.16	57.27	27.1	26.1	31	31.4	28.4	27	28.5	32.7	25.4	87	91	64	68	80	87	79.5	-----
24	57.15	57.73	58.29	56.53	57.85	59.01	57.76	27.2	25.4	29.9	30	28.4	26.3	27.9	31.6	24.6	86	93	75	73	79	90	82.7	-----
25	58.49	58.67	59.34	57.37	58.54	60.01	58.74	26.1	25.4	30	30	28	27.2	27.8	31.3	24.7	91	93	72	70	79	84	81.5	-----
26	59.31	59.76	59.94	57.79	58.80	60.17	59.30	25.4	24.6	30.5	29.6	28	26.7	27.5	31.3	24.1	94	97	69	74	78	86	83	2.3
27	60.54	60.52	60.60	58.68	59.31	60.77	60.07	23.9	23.4	29.1	30.2	27.2	25.1	26.5	31.5	22.8	93	95	69	68	87	95	84.5	-----
28	59.73	60.26	60.52	58.55	59.49	60.66	59.87	24	23.5	30.5	32.5	28.8	27	27.7	33.4	22.8	94	96	70	64	78	83	80.8	-----
29	59.85	59.65	59.62	57.42	58.20	59.64	59.06	24.9	24.6	31.1	31.4	28.7	26.2	27.8	32.7	24.3	92	93	66	67	78	89	80.8	-----
30	59.32	59.38	59.15	57.64	57.69	58.65	58.64	25.2	25.7	31.3	28.9	27.7	25.4	27.4	31.8	24.4	93	94	67	74	80	93	83.5	.8
31	57.68	58.46	58.78	57.19	57.66	58.88	58.11	24.6	25.2	28.5	29	24.8	23.8	26	31.2	22.9	93	94	77	79	93	95	88.5	4.3
Mean	58.12	58.32	58.56	56.74	57.59	58.98	58.05	25.8	25.7	30.6	31	28.3	26.3	28	32.4	24.5	88.6	90.2	68	66.7	78.3	86.7	79.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	117.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
													Amount.	Form and direction.		Amount.	Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SE	3	SE	2	Calm	----	Calm	----	4	Ci.	Cu.	5	Ci.-S.	Cu.
2	Calm	----	Calm	----	S	3	SSE	3	SE	2	Calm	----	4	Ci.	Cu.	4	Ci.-S.	Cu.
3	Calm	----	Calm	----	SSE	3	S	3	SE	2	Calm	----	4	Ci.	Cu.	4	Ci.-S.	Cu.
4	Calm	----	Calm	----	SW	3	SSE	3	SE	2	S	3	1	Ci.	Cu.	1	Ci.	Cu.
5	Calm	----	S	4	S	3	S	3	Calm	----	Calm	----	10	Ci.-S.	Cu.	6	Ci.-S.	Cu.
6	Calm	----	Calm	----	SSE	2	W	2	SE	2	Calm	----	10	Ci.-S.	Cu.	4	Ci.	Cu. SW
7	Calm	----	Calm	----	S	2	S	3	Calm	----	Calm	----	1	Ci.-Cu.	Cu.	1	Ci.	Cu.
8	Calm	----	Calm	----	S	3	S	4	Calm	----	Calm	----	2	Ci.	Cu.	1	Ci.	Cu.
9	Calm	----	S	3	SSE	3	S	4	SE	2	Calm	----	2	Ci.	Fr.-Cu. SSW	1	Ci.	Cu.
10	Calm	----	Calm	----	S	3	SSW	4	Calm	----	Calm	----	2	Ci.	Cu.	1	Ci.	Cu.
11	Calm	----	Calm	----	S	4	SSE	3	Calm	----	Calm	----	9	Ci.-S.	Cu.	4	Ci.	Cu.
12	Calm	----	Calm	----	S	3	S	3	Calm	----	Calm	----	3	Ci.	Cu.	3	Ci.	Cu. W
13	Calm	----	Calm	----	SSE	3	SE	3	Calm	----	Calm	----	5	Ci.-S.	Cu.	1	Ci.	Cu.
14	Calm	----	Calm	----	S	3	SE	3	Calm	----	Calm	----	1	Ci.	Cu.	4	Ci.	Cu.
15	Calm	----	Calm	----	S	3	SSE	2	Calm	----	Calm	----	6	Ci.	Cu. SSW	5	Ci.	Cu. SW
16	Calm	----	Calm	----	SSE	2	SE	1	Calm	----	Calm	----	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
17	Calm	----	Calm	----	SSE	1	SSE	1	Calm	----	Calm	----	5	Ci.-Cu.	Cu. ENE	9	Ci.-S.	Cu.-N. sw
18	Calm	----	Calm	----	SE	2	SSW	2	Calm	----	S	3	10	Ci.-S.	Cu.	7	Ci.-S.	Cu. W
19	Calm	----	S	2	S	4	SSW	3	Calm	----	Calm	----	3	Ci.	Cu. SW	7	Ci.-S.	Cu. SW
20	Calm	----	Calm	----	SSW	3	SSW	2	Calm	----	Calm	----	5	Ci.	Cu. SW	7	Ci.-S.	Cu.
21	Calm	----	Calm	----	S	3	S	3	Calm	----	Calm	----	4	Ci.	Cu.	3	Ci.	Cu.
22	Calm	----	Calm	----	S	2	S	3	Calm	----	Calm	----	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
23	Calm	----	Calm	----	S	3	S	3	Calm	----	Calm	----	10	Ci.-S.	Cu.	3	Ci.	Cu.
24	Calm	----	Calm	----	S	2	S	2	Calm	----	Calm	----	9	Ci.-S.	Cu.	7	Ci.-S.	Cu.
25	Calm	----	Calm	----	SE	3	SE	2	Calm	----	Calm	----	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
26	Calm	----	Calm	----	SSE	1	SSE	2	Calm	----	Calm	----	10	Ci.-S.	Cu. W	8	Ci.-S.	Cu.
27	Calm	----	Calm	----	SE	2	S	2	Calm	----	Calm	----	10	Ci.-S.	Cu.	5	Ci.-S.	Cu.
28	Calm	----	Calm	----	SE	2	NW	1	Calm	----	Calm	----	2	Ci.	Cu.	1	Ci.	Cu.
29	Calm	----	Calm	----	SSE	2	S	3	Calm	----	Calm	----	1	Ci.	Cu.	3	Ci.	Cu.
30	Calm	----	Calm	----	SE	2	Calm	----	Calm	----	Calm	----	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.
31	Calm	----	Calm	----	SE	2	SSE	2	Calm	----	Calm	----	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. WSW
Mean	-------	0	-------	0.3	-------	2.6	-------	2.5	-------	0.3	-------	0.2	5.8	------------	------------	4.9	------------	------------

TAGBILARAN.

[φ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

SEPTEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	58.06	58.47	58.83	56.37	57.24	58.39	57.89	23.4	25.2	29.7	31.2	28.4	27	27.5	32.4	22.8	93	93	67	61	75	83	78.7	------
2	57.82	58.42	58.42	55.91	57.48	58.41	57.74	25	24.9	31.2	32.4	29	26.4	28.2	33.3	24.4	88	88	60	61	75	85	76.2	------
3	57.71	57.84	58.33	56	57.33	58.10	57.55	26.1	26.1	30.8	29.9	24.4	25.2	27.1	32.7	23.8	85	85	67	74	85	82	79.7	------
4	56.81	57.15	58.04	56.08	57.18	57.89	57.19	26	26.2	30	31.8	28	25.8	28	82.4	24	86	87	71	61	77	89	78.5	2
5	56.79	57.03	57.30	54.94	56	58.03	56.68	26.1	26.1	29.7	30.3	27.2	27.1	27.8	31.5	25.2	85	85	69	68	79	80	77.7	------
6	57.04	56.81	56.67	54.94	56.42	57.76	56.61	26.3	26.3	30	31	26.7	26.2	27.8	32.1	25.3	81	82	69	65	80	82	76.5	------
7	56.48	56.16	56.33	54.83	55.75	57.87	56.24	26.2	26.6	29.9	30.7	28.1	25.6	27.8	32.2	25	83	84	65	67	75	84	76.3	------
8	56.10	56.40	56.24	54.59	55.42	56.70	55.91	26.3	26.5	29.8	30.6	28	27.9	28.2	32.5	25.3	85	86	69	67	78	77	77	------
9	55.94	56.17	56.98	55.58	56.38	57.95	56.50	27.1	26.7	30.5	32.8	29	27.9	29	33.3	26.2	81	82	62	61	72	76	72.3	------
10	56.87	56.84	57.74	56.05	57	58.20	57.12	26.9	26.9	32	25.6	26.2	26.6	27.4	33.2	25	83	85	62	92	89	86	82.8	2
11	57.25	56.65	57.35	55.74	56.53	57.15	56.78	26.1	26	30.6	32.2	28.4	27.4	28.4	33.2	25.4	86	87	68	61	80	76	76.3	------
12	56.55	57.55	57.45	55.49	56.73	57.49	56.88	26.7	26.8	29.8	30.7	28	25.9	28	32	24	85	85	74	70	77	90	80.2	.8
13	56.78	57.34	58.25	56	56.88	57.79	57.17	25.1	26	30	28.5	27.8	26.1	27.2	32.4	24.7	92	94	73	80	82	94	85.8	.8
14	57.33	58.10	57.80	56.80	57.66	59.12	57.80	25.1	25.3	30	29.4	24.8	25.7	26.7	31.8	24.1	95	96	73	72	91	89	86	13.7
15	58.70	58.67	57.95	57.03	57.86	59.88	58.35	24.9	24.1	28.3	29.4	27	25.8	26.6	30	22.5	93	95	80	74	86	93	86.8	4.6
16	59.55	59.09	59.91	58.20	59.04	59.82	59.27	22.3	22.3	28.6	28.5	24	24	25	31.4	21.6	95	96	73	71	97	97	88.2	49.3
17	58.43	58.59	58.94	56.82	57.92	59.27	58.33	23.2	24	32	30.5	25.9	25.1	26.8	32.4	22.7	96	96	65	68	89	92	84.3	42.2
18	58.16	58.56	59.09	56.58	58.14	59.50	58.34	24.9	25	29	29.1	26.3	25	26.6	31.3	24.4	95	96	72	74	88	95	86.7	9.4
19	58.38	58.52	58.69	56.25	57.59	59.26	58.12	24.4	24.3	29.5	30.1	27.5	26.2	27	30.5	23.9	95	96	69	73	82	90	84.2	------
20	58.01	58.37	58.93	56.48	57.34	58.50	57.94	25.3	25.5	30.5	28.2	27.5	25.7	27.1	31.3	24.7	93	93	68	81	81	92	84.7	------
21	57.47	58.43	59.05	56.78	57.63	59.12	58.08	25	24.7	30.8	27.9	27.9	26	27	33	23.7	92	93	65	79	78	90	82.8	16.8
22	57.92	57.72	58.48	56.45	57.75	58.87	57.86	24.6	24	29.5	31.4	27.4	25.9	27.1	31.8	23.5	93	95	75	67	84	90	84	1
23	57.70	58.25	58.48	55.78	57.28	58.70	57.70	25.2	24.6	30.3	31	27.9	25.4	27.4	31.4	23.8	92	92	71	71	79	90	82.5	------
24	57.57	58.20	58.62	56.62	57.83	59.59	58.07	24.9	24.9	30	31	27.9	26.3	27.5	82.7	24.3	90	91	71	69	82	88	81.8	------
25	58.27	58.73	59.72	57.65	58.27	59.86	58.75	25.5	24.9	24.1	28.7	26.3	25.1	25.8	29.3	23.5	93	94	95	75	90	94	90.2	61.5
26	59.48	59.52	59.77	57.50	58.51	59.90	59.11	25.2	24.4	30.9	28.3	26.2	25	26.7	31.3	23.7	95	97	65	77	88	92	85.7	------
27	59.08	59.14	59.67	58.15	58.70	60.02	59.13	24.3	24.3	30.7	25	25.7	24.4	25.7	31.5	23.7	93	94	67	91	86	91	87	33.3
28	59.47	60.06	59.82	57.29	58.51	59.51	59.11	24.5	24.3	30	27	27.7	25.6	26.5	30.7	23.6	93	94	72	85	85	93	87	------
29	58.43	58.83	59.27	57.54	58.42	59.72	58.70	24.9	24.4	29.1	26.4	26	24.7	25.9	31.3	23.7	93	95	76	87	89	92	88.7	------
30	58.27	59.26	59.67	57.83	58.71	59.76	58.92	24.2	24	30	25	26.1	24.9	25.7	32.1	23.4	94	95	73	88	91	92	88.8	56.4
Mean	57.75	58.03	58.39	56.41	57.45	58.74	57.79	25.2	25.2	29.9	29.5	27	25.9	27.1	31.9	24.1	90.1	91	70.2	73	83	88.1	82.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	293.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		0–12		0–12		0–12		0–12		0–12	0–10			0–10		
1	Calm	----	S	2	SSE	2	SE	3	Calm	----	Calm	----	9	Ci.-S.	Cu.	2	Ci.	Cu.
2	Calm	----	Calm	----	S	2	S	2	Calm	----	Calm	----	4	Ci.	Cu.	1	Ci.	Cu.
3	Calm	----	Calm	----	S	3	SE	3	SW	2	Calm	----	4	Ci.	Cu.	9	Ci.-S.	Cu. SW
4	Calm	----	S	4	SSW	3	NW	3	SW	2	Calm	----	8	Ci.-S.	Cu.	5	Ci.	Cu. W
5	S	2	SSW	1	SSW	4	S	3	S	2	S	3	9	Ci.-S.	Cu. W	5	Ci.	Cu. W
6	Calm	----	S	3	SSW	4	S	4	S	3	S	2	7	Ci.-S.	Cu. W	7	Ci.	N. W
7	Calm	----	S	4	SSW	2	W	4	SW	2	SSW	2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
8	Calm	----	SW	3	S	5	SSW	4	S	3	S	2	10	Ci.-S.	Cu.	7	Ci.-S.	Cu. W
9	Calm	----	S	2	S	4	S	4	S	2	Calm	----	7	Ci.-S.	Cu.	4	Ci.	Cu.
10	Calm	----	Calm	----	S	4	S	1	Calm	----	Calm	----	9	Ci.-S.	Cu.	10	Ci.-S.	Fr.-N.
11	Calm	----	Calm	----	S	3	S	3	Calm	----	Calm	----	10	Ci.-S.	Cu.	5	Ci.	Cu. W
12	Calm	----	Calm	----	SSE	2	SSW	1	Calm	----	Calm	----	8	Ci.	Cu. W	6	Ci.-S.	Cu. W
13	Calm	----	Calm	----	SSW	2	S	2	Calm	----	Calm	----	8	Ci.-S.	Cu.	10	Ci.-S.	Cu. W
14	Calm	----	Calm	----	S	2	SSW	1	Calm	----	S	4	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
15	Calm	----	Calm	----	Calm	----	S	2	Calm	----	Calm	----	10	Ci.-S.	Cu.	9	Ci.-S.	Cu. W
16	Calm	----	Calm	----	S	2	S	2	Calm	----	Calm	----	3	Ci.-Cu.	Cu.	10	Ci.-S.	Cu.-N.
17	Calm	----	Calm	----	SW	1	S	2	Calm	----	Calm	----	6	Ci.-Cu.	Cu.	5	Ci.	Cu. WSW
18	Calm	----	Calm	----	SSW	2	NW	1	Calm	----	Calm	----	9	Ci.-S.	Cu.	7	Ci.-S.	Cu.
19	Calm	----	Calm	----	W	2	NW	2	Calm	----	Calm	----	10	Ci.-S.	Cu.	8	Ci.-S.	Cu.
20	Calm	----	Calm	----	SE	3	SSE	1	Calm	----	Calm	----	6	Ci.	Cu.	8	Ci.-S.	Cu.
21	Calm	----	Calm	----	SSE	3	SSE	1	Calm	----	Calm	----	2	Ci.	Cu.	7	Ci.	Cu. E
22	Calm	----	Calm	----	SE	2	NW	1	Calm	----	Calm	----	1	Ci.	Cu.	6	Ci.	Cu. ENE
23	Calm	----	Calm	----	SE	2	SSE	3	Calm	----	Calm	----	5	Ci.	Cu. NE	4	Ci.	Cu. ENE
24	Calm	----	Calm	----	SSE	1	W	2	Calm	----	Calm	----	6	Ci.	Cu. ENE	5	Ci.	Cu. SSW
25	Calm	----	Calm	----	Calm	----	S	1	Calm	----	Calm	----	10	------------	N. S	9	Ci.-S.	Cu.
26	Calm	----	Calm	----	SE	2	SSE	3	Calm	----	Calm	----	9	Ci.	Cu. SE	8	Ci.-S.	Cu.
27	Calm	----	Calm	----	SE	1	ENE	1	Calm	----	Calm	----	1	Ci.	Cu.	10	------------	N. NNE
28	Calm	----	Calm	----	NW	1	W	1	Calm	----	Calm	----	6	Ci.	Cu. NNE	10	Ci.-S.	Cu.
29	Calm	----	Calm	----	SE	3	Calm	----	Calm	----	Calm	----	4	Ci. E	Cu.	10	Ci.-S.	Cu.
30	Calm	----	Calm	----	SSE	2	Calm	----	Calm	----	Calm	----	4	Ci.	Cu. NE	10	Ci.-S.	Cu. E
Mean	-------	0.1	-------	0.6	-------	2.3	-------	2	-------	0.5	-------	0.4	6.8	------------	------------	7.2	------------	------------

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

OCTOBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.72	59.47	59.60	56.83	58.24	58.83	58.62	24.8	24.9	30	32	28	26.1	27.6	32.5	24.2	93	94	77	65	85	95	84.8	3.6
2	57.41	57.66	58.08	54.88	56.56	58.00	57.11	25	25	28.9	28.5	27	25	26.6	30.5	23.6	94	96	81	84	90	93	89.7	116.9
3	56.33	57.18	57.44	54.90	56.24	57.91	56.67	24	23.9	26.9	27.2	26.8	25	25.6	28.1	23.5	97	97	88	89	85	92	91.3	------
4	55.98	56.81	57.75	55.54	56.45	57.52	56.68	25.4	25.8	28.4	29.4	26.8	26	27	29.8	24.7	85	85	72	73	80	82	79.5	------
5	56.49	57	57.24	54.65	56.30	56.92	56.43	24.8	25.8	29.8	31.1	26.7	26.8	27.5	31.5	24.4	88	89	75	66	90	88	82.7	.3
6	56.06	56.48	56.69	54.65	55.65	56.51	56.01	26.1	25.9	30.3	28	27	26.7	27.3	30.7	25.3	86	87	72	80	84	86	82.5	------
7	55.62	55.77	56.29	54.51	55.73	56.90	55.80	26	25.9	27.4	29.3	26.9	26	26.9	30.3	24.8	89	90	81	73	83	89	84.2	2.8
8	56.05	56.97	57.81	55.34	56.15	57.25	56.60	24.5	24.5	26.3	26.9	25.8	25.2	25.5	27.3	23.6	97	97	82	78	85	89	88	------
9	56.49	57.08	57.73	55.50	56.59	58.13	56.92	24.2	24.4	29.8	30.4	27.1	25.2	26.8	32.1	23.8	91	92	66	65	83	92	81.5	------
10	57.21	57.92	58.68	56.70	58.06	59.65	58.04	25	24.9	30.3	30.7	26.7	25.5	27.2	31.1	24.4	93	95	72	70	89	94	85.5	------
11	59.37	59.63	59.93	57.92	59.61	60.77	59.54	25	24.7	30.8	31.3	25.1	25.1	27	32.7	23.7	92	93	72	66	89	91	83.8	.3
12	59.75	59.87	59.98	57.70	58.91	58.57	59.13	24.2	23.8	30	27	27	25.5	26.2	30.4	23.4	95	97	73	87	90	94	89.3	5.6
13	57.41	58.61	58.51	55.67	56.78	58.05	57.50	25.1	24.7	28.6	29.5	26.8	25	26.6	30	24.1	93	94	75	73	86	95	86	------
14	57.07	57.61	58.56	56.10	57.62	58.89	57.64	24	23.5	27.9	29.1	27	25.8	26.2	30.3	23	96	97	81	71	83	90	86.3	.5
15	57.75	57.96	58.39	57.03	58.20	59.30	58.10	25	25.1	28.9	29.1	27.2	26	26.9	31.1	24.4	97	98	84	76	87	94	89.3	16.3
16	58.89	58.79	58.69	56.78	58.20	59.47	58.47	24.1	23.8	29	31.1	26.5	24.7	26.5	31.6	22.9	96	97	76	70	86	92	86.2	------
17	58.21	58.44	58.78	56.61	57.17	58.26	57.91	24	23.7	30.6	27.8	26.3	25.6	26.3	32.3	23	95	97	74	86	94	90	89.3	.8
18	57.33	58.31	58.39	56.03	56.77	58.07	57.48	24.6	24.6	31	29.9	26.3	25.3	27	31.4	23.8	93	94	71	73	96	97	87.3	40.3
19	56.98	57.56	58.16	55.79	56.86	58.63	57.33	24.5	24.4	32	29	26.8	25.3	27	32.4	23.7	94	95	65	79	89	94	86	3.6
20	57.67	58.36	58.60	56.04	57.52	58.16	57.72	25.1	25	30.1	28	26.3	24.9	26.6	31.5	24.4	93	94	76	79	96	96	89	3.3
21	57.42	57.80	57.97	56.05	56.85	56.95	57.17	24.3	24.4	30.2	25.9	25.3	24.5	25.8	30.5	23.5	97	97	73	85	92	96	90	13
22	55.80	56.84	56.94	54.56	55.53	55.36	55.84	24.1	24.8	28.3	29.3	25.2	25.4	26.2	29.6	23.6	97	98	83	78	92	91	89.8	.5
23	54.21	54.94	55.57	54.58	54.48	55.46	54.87	26	26	27.3	25.6	26.5	26.8	26.4	28.2	25.2	83	84	86	94	91	89	87.8	2.3
24	54.98	55.77	55.79	53.46	54.57	55.78	55.06	25.9	25.3	29.5	29.4	27.2	27.1	27.4	30.2	24	89	91	70	71	81	81	80.5	2.3
25	55.26	56.02	55.69	53.90	55.12	56.35	55.39	26.9	26	30.4	29.7	27.8	27	28	31.4	24.4	86	88	69	67	77	86	78.8	------
26	55.70	56.30	56.70	55	55.75	57.35	56.13	26.5	26.5	30.5	32.2	27	25.8	28.1	32.5	25.2	----	----	----	----	----	----	----	------
27	56.35	57.04	57.92	55.77	56.45	57.56	56.85	26.1	26.2	29.7	29	28.1	27	27.7	32.5	25	85	85	71	74	82	79	79.3	------
28	56.61	57	56.97	54.80	55.93	56.61	56.32	26.9	27	30.1	29.9	27.8	27.4	28.2	31.4	25.7	82	83	69	69	74	73	75	------
29	56.19	57.10	57.85	56.02	56.75	58.36	57.04	26.8	25.5	26.2	26.9	26.2	26.1	26.3	27.6	24.6	86	93	90	80	81	83	85.5	------
30	57.26	58.25	58.83	56.43	57.35	58.32	57.74	26.1	26.8	29.2	30	27.4	26.7	27.7	32	24.9	84	85	72	71	81	86	79.8	------
31	57.45	58.43	58.48	56.33	57.76	58.85	57.88	26	26	30.3	30.3	27.3	25.6	27.6	31.4	24.6	87	89	69	72	87	93	82.8	------
Mean	56.90	57.52	57.87	55.68	56.78	57.83	57.10	25.2	25.1	29.3	29.1	26.8	25.8	26.9	30.8	24.2	91.1	92.4	75.5	75.5	86.3	89.7	85	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	212.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	NW	2	NNW	1	Calm	----	Calm	----	9	Ci.-S.	Cu. NE	7	Ci.-S.	Cu. ENE
2	Calm	----	Calm	----	NW	1	WNW	1	Calm	----	NW	2	10	Ci.-S.	Fr.-N. NNE	10	Ci.-S.	Fr.-Cu. NE
3	Calm	----	Calm	----	SSW	2	S	3	Calm	----	S	5	10	Ci.-S.	Cu.	10	Ci.-S.	Fr.-N. SW
4	Calm	----	S	2	SSW	3	S	1	Calm	----	Calm	----	10	Ci.-S.	Fr.-Cu. WSW	9	Ci.-S.	Cu.
5	Calm	----	S	2	S	3	S	3	S	1	Calm	----	9	Ci.-S.	Cu. WSW	7	Ci. S.	Cu. WSW
6	Calm	----	S	2	S	3	S	5	SSW	5	S	2	7	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. WSW
7	Calm	----	S	3	S	4	SSW	3	S	2	S	4	5	Ci.	Cu. SW	8	Ci.-S.	Cu. SW
8	Calm	----	Calm	----	S	3	S	4	S	2	S	2	10	------------	N. W	10	Ci.-S.	Cu. WSW
9	Calm	----	S	2	S	2	SSE	2	Calm	----	Calm	----	9	Ci.-S.	Cu. SW	5	Ci.	Cu. SW
10	Calm	----	Calm	----	S	3	S	3	Calm	----	Calm	----	3	Ci.-Cu.	Cu.	2	Ci.	Cu. WSW
11	Calm	----	Calm	----	SE	2	SE	3	Calm	----	SE	2	3	Ci.	Fr.-Cu. WSW	1	Ci.	Cu.
12	Calm	----	Calm	----	SE	3	SE	2	Calm	----	Calm	----	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. E
13	Calm	----	SE	2	NW	1	NW	1	Calm	----	SSE	3	10	Ci.-S.	Fr.-N. ENE	9	Ci.-S.	Cu. NE
14	Calm	----	Calm	----	S	3	SE	3	Calm	----	Calm	----	7	Ci.	Cu. ESE	7	Ci.-S.	Cu.
15	Calm	----	Calm	----	WNW	2	SSE	3	Calm	----	Calm	----	10	------------	N. SE	9	Ci.-S.	Cu.
16	S	4	Calm	----	SSE	1	W	2	Calm	----	Calm	----	10	Ci.-S.	Cu.	3	Ci.	Cu. SW
17	Calm	----	Calm	----	W	2	SSE	3	Calm	----	Calm	----	1	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
18	Calm	----	Calm	----	W	3	SE	2	Calm	----	Calm	----	2	Ci.	Cu.	5	Ci.	Cu. NE
19	Calm	----	Calm	----	SE	2	SSE	1	Calm	----	Calm	----	5	Ci.	Cu. NE	10	Ci.-S.	Cu.-N. ENE
20	Calm	----	Calm	----	SSE	2	SSE	1	Calm	----	Calm	----	6	Ci.	Cu. NE	7	Ci.-S.	Cu. ENE
21	Calm	----	Calm	----	NW	1	SE	1	Calm	----	Calm	----	9	Ci.-S.	Cu.	10	Ci.-S.	Cu. ENE
22	Calm	----	Calm	----	Calm	----	SSW	2	SSW	1	Calm	----	10	Ci.-S.	Cu.	10	Ci.-S.	Fr.-N. W
23	Calm	----	S	2	SSW	3	SSW	3	SSW	3	S	4	10	Ci.-S.	Cu. W	10	------------	N. W
24	S	3	S	3	S	4	SW	5	SSW	4	S	4	10	Ci.-S.	Fr.-N. WSW	8	Ci.-S.	Cu. W
25	S	3	S	2	S	4	SW	5	Calm	----	Calm	----	10	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. W
26	------	----	------	----	------	----	------	----	------	----	------	----	----	------------	------------	----	------------	------------
27	Calm	----	Calm	----	S	2	WSW	3	Calm	----	Calm	----	4	Ci.	Cu.	8	Ci.-S.	Cu. W
28	Calm	----	Calm	----	S	3	SW	3	SW	3	SW	3	9	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. W
29	Calm	----	S	4	SW	3	S	3	SSW	2	S	3	10	Ci.-S.	Fr.-N. SW	10	Ci.-S.	Cu. W
30	S	2	S	3	SSE	3	S	1	Calm	----	Calm	----	10	Ci.-S.	Cu. SW	5	Ci.	Cu. SW
31	Calm	----	S	2	S	3	S	2	Calm	----	Calm	----	10	Ci.-S.	Cu. SW	5	Ci.-S.	Cu.
Mean	-------	0.4	-------	1	-------	2.4	-------	2.5	-------	0.8	-------	1.1	7.9	------------	------------	7.6	------------	------------

NOTE.—The pressure and temperature on the 26th, have been taken from a self-recording instrument.

TAGBILARAN.

[$\phi=9°\ 38'$ N; $\lambda=123°\ 51'$ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

NOVEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.38	58.94	58.89	57	57.95	59.06	58.37	24.9	24	30	27	26.8	25.7	26.4	32.4	23.5	93	94	76	90	91	93	89.5	6.4
2	57.93	58.44	58.53	55.53	55.86	56.28	57.10	24.9	24.1	31.1	33.1	27.6	26.7	27.9	34.3	23.6	94	95	66	46	79	86	77.7	------
3	55.11	55.53	55.71	54.53	56.90	58.11	55.98	26.6	26.9	29.6	29.8	28	27.4	28	31	25.5	83	83	72	73	76	84	78.5	------
4	58.03	58.81	59.65	57.18	59.05	59.67	58.73	27.4	27.6	30.9	32	27.8	25.5	28.5	32.5	24.5	84	84	71	68	81	93	80.2	------
5	58.81	59.45	59	56.74	57.75	58.83	58.43	24.5	24.7	29.1	30.1	26.7	25.8	26.8	32.1	23.7	96	96	76	68	93	93	87	1.8
6	57.98	58.12	58.49	56.23	57.29	58.48	57.76	24.7	24	31.6	30	26.7	24.7	27	32.4	23	92	93	59	70	88	92	82.3	------
7	57.48	57.97	58.27	56.44	57.49	58.70	57.72	23.5	23.4	30.8	31.2	27.9	25.9	27.1	32.2	22.6	93	95	66	67	79	93	82.2	------
8	57.77	58.37	58.62	56.60	57.75	58.39	57.92	24.2	24.6	30.5	30.4	26.5	25.3	26.9	31.8	23.6	95	96	68	72	91	95	86.2	15.5
9	57.58	58.36	58.17	55.52	56.74	58.42	57.46	24.3	24.8	30.4	33	27.8	24.9	27.5	33.4	23.6	97	97	74	63	84	92	84.5	17.8
10	57.47	57.51	58.24	56.45	56.82	57.99	57.41	24.7	25.5	29	28.3	27.2	26.2	26.8	29.5	23.9	93	94	75	78	86	90	86	------
11	57.40	58.20	58.67	56.95	58.61	59.48	58.22	26	25	30.8	29.3	26.8	25	27.2	31.2	23.8	94	97	68	78	92	93	87	------
12	58.37	58.92	59.02	57.10	58.46	59.37	58.54	23.9	23.7	30.6	28.4	24.8	24	25.9	31.4	22.7	96	97	70	78	92	95	88	------
13	58.91	60.07	59.74	57.63	58.98	59.67	59.17	23.8	23.8	29.5	30.9	27.4	25.2	26.8	31.3	23	95	96	74	70	85	95	85.8	------
14	59.41	60.43	60.13	58.61	59.31	59.97	59.64	24.1	24.3	29.9	26	24.6	24.1	25.5	31	23.5	96	96	73	93	95	94	91.2	3.3
15	59.09	59.87	59.82	57.47	58.45	59.36	59.01	23.1	23.4	31.5	29.9	26.8	25.1	26.6	33.1	22.6	93	94	60	71	84	91	82.2	------
16	58.02	59.02	59.25	56.95	57.94	58.38	58.26	24.2	24	29.5	29.3	25.5	24.4	26.2	31.4	23	93	94	76	74	94	95	87.7	3.1
17	57.89	58.48	58.67	56.43	57.79	58.98	58.04	24	23.8	30.4	29.9	26.9	25.1	26.7	31.8	23	95	96	68	67	81	94	83.5	------
18	58.12	59.21	60	58.16	59.02	59.82	59.06	24.5	24.3	28.9	25.9	24	23.9	25.2	29.6	23	94	95	71	81	90	92	87.2	------
19	59.19	59.83	60.09	57.65	59.34	60.02	59.35	23.1	23.4	30.5	29.6	25.9	23.8	26	31.6	22.3	91	92	63	68	83	93	81.7	------
20	59.13	59.51	60.01	57.44	58.02	59.10	58.87	23	23.3	26.9	28.1	26	24.5	25.3	31.2	22	93	94	85	83	90	92	89.5	3.7
21	57.82	58.28	58.78	56.23	57.57	58.01	57.78	23.8	23.1	30.5	29.4	25.7	24.7	26.2	31.4	22.4	94	96	68	71	93	93	85.8	1.5
22	56.69	57.12	57.77	55.57	57.05	57.77	57	24	23.9	31.4	27.9	24.7	24.4	26	32.2	23	94	95	68	77	92	95	86.8	14
23	57.19	57.37	57.35	55.41	56.87	57.62	56.97	24	24	30.3	28.9	26.1	24.7	26.3	30.8	23.4	95	96	75	81	89	92	88	5.1
24	56.81	57.13	57.54	55.31	56.34	56.76	56.65	24	24.1	29.9	29.3	26.5	24.9	26.4	31.4	23.4	96	96	71	74	86	91	85.7	------
25	55.96	56.87	57.32	54.85	56.01	56.95	56.33	24	24.4	30.1	30.6	26.4	25	26.8	31.4	23.6	94	93	73	68	88	92	84.7	------
26	55.64	55.87	56.34	54.43	55.77	56.88	55.82	24.1	24.2	31.9	29	27	25.1	26.9	32.3	23.4	97	97	69	72	90	92	86.2	------
27	56.27	57.38	57.15	54.74	55.77	57.17	56.41	24.4	24.8	31.3	30.6	27	25.8	27.3	31.7	23.8	93	94	66	72	89	93	84.5	------
28	56.32	57.03	57.40	55.34	56.92	57.51	56.75	24.3	24.3	26.6	30.5	25.5	24.9	26	31.3	23.6	95	96	81	74	86	92	87.3	1.5
29	57.18	57.82	58.55	56.43	57.67	58.75	57.73	24.8	24.4	28.7	30.4	25.9	25	26.5	31.9	23.7	93	96	80	72	92	92	87.5	.5
30	57.38	58.07	58.84	56.24	58	58.76	57.88	24.4	24.7	30.9	30.9	27.4	25.6	27.3	32.1	23.7	94	95	67	71	87	89	83.8	------
Mean	57.64	58.27	58.53	56.37	57.58	58.48	57.81	24.4	24.4	30.1	29.7	26.5	25.1	26.7	31.7	23.3	93.5	94.4	71	73	87.5	92.2	85.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	74.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	W	1	Calm	----	Calm	----	Calm	----	4	Ci.	Cu.	8	Ci.-S.	Cu. ENE
2	Calm	----	Calm	----	W	2	W	1	Calm	----	Calm	----	3	Ci.	Cu.	7	Ci.-S.	Cu.
3	Calm	----	W	2	S	3	SSW	3	S	4	S	2	10	Ci.-S.	Fr.-Cu. SW	10	Ci.-S.	Cu. SW
4	Calm	----	S	2	SSE	2	S	1	Calm	----	Calm	----	3	Ci.	Cu.	2	Ci.	Cu.
5	Calm	----	Calm	----	NNW	1	S	2	Calm	----	Calm	----	1	Ci.	Cu.	5	Ci.	Cu.
6	Calm	----	Calm	----	NNE	2	SSE	3	Calm	----	Calm	----	4	Ci.	Cu.	3	Ci.	Cu. NE
7	Calm	----	Calm	----	S	2	S	3	Calm	----	Calm	----	2	Ci.	Cu.	3	Ci.	Cu. NE
8	Calm	----	Calm	----	SE	2	SSE	3	Calm	----	Calm	----	3	Ci.	Cu.	5	Ci.	Cu. E
9	Calm	----	Calm	----	W	2	W	1	Calm	----	S	3	6	Ci.	Cu. NE	2	Ci.	Cu.
10	Calm	----	S	2	S	3	S	3	Calm	----	Calm	----	10	Ci.-S.	Fr.-N. SE	10	Ci.-S.	Cu. SE
11	Calm	----	S	1	S	3	Calm	----	Calm	----	S	2	9	Ci.-S.	Cu. SE	9	Ci.-S.	Cu.
12	Calm	----	Calm	----	S	2	SSE	1	Calm	----	Calm	----	2	Ci.	Cu.	9	Ci.-S.	Cu.-N. E
13	Calm	----	Calm	----	SE	2	NW	1	Calm	----	Calm	----	2	Ci.	Cu.	4	Ci.	Cu. NE
14	Calm	----	S	1	S	2	SSE	2	Calm	----	Calm	----	6	Ci.-Cu.	Cu. E	10	------------	N. ENE
15	Calm	----	Calm	----	SSE	1	SSE	2	Calm	----	Calm	----	1	Ci.	Cu.	7	Ci.	Cu. E
16	Calm	----	Calm	----	W	1	SE	1	Calm	----	Calm	----	3	Ci.	Cu. NE	7	Ci.	Cu. NE
17	Calm	----	Calm	----	SE	1	SE	2	Calm	----	Calm	----	4	Ci.	Cu. ENE	6	Ci.	Cu. NE
18	Calm	----	Calm	----	ESE	2	E	2	Calm	----	Calm	----	6	Ci.	Cu. NE	10	Ci.-S.	Cu. NE
19	Calm	----	Calm	----	NW	1	SE	1	Calm	----	Calm	----	4	Ci.	Cu. NNE	6	Ci.	Cu. NE
20	Calm	----	SSE	1	SE	2	NNE	1	Calm	----	Calm	----	4	Ci.	Cu. E	10	Ci.-S.	Cu.-N. E
21	Calm	----	Calm	----	SSE	2	SSE	2	Calm	----	Calm	----	2	Ci.	Cu.	6	Ci.	Cu. E
22	Calm	----	Calm	----	SE	1	S	3	Calm	----	Calm	----	6	Ci.	Cu. E	7	Ci.-S.	Cu. E
23	Calm	----	Calm	----	NW	1	SSE	1	Calm	----	Calm	----	4	Ci.	Cu. ENE	7	Ci.-S.	Cu. NE
24	Calm	----	Calm	----	SE	3	SE	3	Calm	----	Calm	----	4	Ci.	Cu.	5	Ci.	Fr.-Cu. NE
25	Calm	----	Calm	----	S	2	SE	2	Calm	----	Calm	----	1	Ci.	Cu.	6	Ci.	Cu. ENE
26	Calm	----	Calm	----	SSE	2	Calm	----	Calm	----	Calm	----	2	Ci.	Cu.	7	Ci.-S.	Cu.
27	Calm	----	Calm	----	SE	2	S	2	Calm	----	Calm	----	5	Ci.	Cu. E	4	Ci.	Cu. E
28	Calm	----	Calm	----	SE	2	SE	1	Calm	----	Calm	----	4	Ci.	Fr.-Cu. E	7	Ci.	Cu.-N. E
29	Calm	----	Calm	----	S	1	NW	2	Calm	----	Calm	----	10	Ci.-S.	Cu. E	6	Ci.	Cu. E
30	Calm	----	Calm	----	NE	1	SSE	1	Calm	----	Calm	----	6	Ci.-S.	Cu. ENE	5	Ci.	Cu. NE
Mean	-------	0	-------	0.3	-------	1.8	-------	1.7	-------	0.1	-------	0.2	4.4	------------	------------	6.4	------------	------------

TAGBILARAN.

[$\phi = 9° 38'$ N; $\lambda = 123° 51'$ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

DECEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.57	58.51	58.87	56.49	58.20	59.77	58.24	24.5	24	31.2	28.4	26	25.1	26.5	32.3	23.5	94	96	64	83	91	92	86.7	6.3
2	58.53	58.61	58.99	56.14	57.56	58.24	58.01	24.3	24.2	28.4	29.4	24	24.1	25.7	30.3	23.5	95	97	82	75	95	96	90	16.8
3	57.29	57.78	58.29	56.10	57.27	58.37	57.52	23.8	24.1	28.4	29	26.2	25	26.1	30.4	23	97	97	79	76	89	92	88.3	-----
4	57.26	57.36	58.63	57.11	58.17	58.07	57.77	24.7	24.1	24.6	26.7	24.4	24	24.8	27.1	23.5	93	95	97	86	95	93	93.2	15
5	56.29	56.97	56.95	54.64	55.54	55.81	56.03	23.6	23.5	26.8	26.2	26	26.6	25.4	27.4	23	95	96	84	78	79	71	83.8	-----
6	54.82	55.10	54.72	52.56	53.02	54.52	54.12	25.8	24	27	27.1	26.2	26.2	26	27.6	23.6	91	93	70	68	77	79	79.7	-----
7	53.92	54.83	56.25	53.91	55.67	56.33	55.15	26.2	26.4	28.3	29.5	26.3	26.1	27.1	29.9	25.5	79	80	77	72	85	83	79.3	1.5
8	55.57	56.94	56.84	55.68	56.15	57.21	56.40	26.1	26.8	28.8	28	26.5	25	26.9	30.4	24.6	82	84	73	79	87	95	83.3	-----
9	56.80	57	57.30	55.20	56.20	57.45	56.66	24.7	25	28.2	29	25.1	24.5	26.1	30.3	24	-----	-----	-----	-----	-----	-----	-----	-----
10	56.81	57.82	57.94	56	57.27	57.92	57.29	23.7	24	29.5	28.4	24.2	24.5	25.7	30.2	23.3	95	96	75	77	96	97	89.3	-----
11	56.88	57.33	57.84	55.85	57.02	58.55	57.24	24.1	24.3	29.9	29.2	25.7	24.8	26.3	30.4	23.1	93	94	71	71	88	93	85	-----
12	57.13	58.34	58.19	55.79	57.03	57.90	57.40	24.2	24.2	28	30.3	26.9	25	26.4	31.3	23.6	96	97	83	70	88	94	88	-----
13	56.86	58.12	57.90	55.30	56.82	57.75	57.12	24.3	24.4	28.6	30.6	26.4	24.8	26.5	31.4	23.5	92	94	77	65	88	94	85	-----
14	56.69	57.77	58.07	55.74	57.35	58.17	57.30	23.8	23.3	29	30.4	27.2	25.2	26.5	32.1	22.6	95	97	74	67	85	92	85	-----
15	57.03	57.93	58.15	56.25	57.29	58.50	57.52	24.1	23.5	30.4	29.7	25.3	24.5	26.2	31.4	22.7	94	96	68	76	93	95	87	-----
16	57.87	58.97	58.83	56.99	57.52	58.88	58.18	23.8	24.1	29	29.6	26.3	25.2	26.3	30.7	23.2	95	96	79	76	90	94	88.3	-----
17	57.60	58.43	58.66	56.78	57.65	58.56	57.95	24.5	24	31.9	28	26.8	25.8	26.8	32.3	23.4	96	97	63	80	89	92	86.2	11.7
18	57.88	58.68	59.18	57.34	57.68	59.16	58.32	23.9	22.9	29.7	26.3	25.1	23.8	25.3	30.3	22.3	93	97	75	88	94	97	90.7	13.2
19	58.21	58.88	59.47	57.74	58.66	59.74	58.78	23.1	23.4	30	28.3	25.2	24.1	25.7	30.5	22.6	96	97	67	73	88	93	85.7	-----
20	59.34	59.53	60.08	58.33	59.20	60.26	59.46	23.3	23.7	30.6	28.6	26	25.1	26.2	31.4	22.8	96	97	68	80	95	97	88.8	6.9
21	59.43	59.99	60.54	57.81	58.79	59.15	59.28	24.4	24.2	29.3	29.3	27	25.1	26.6	31.4	23.5	96	97	81	76	89	94	88.8	-----
22	57.96	58.52	59.45	56.52	57.83	58.62	58.15	24.2	24	30.2	31	26.7	25.2	26.9	32.1	23.3	94	95	69	68	86	92	84	7.9
23	57.52	58.09	59.51	56.76	58.13	59.52	58.26	24.8	24.3	28.4	28.1	25.4	24.6	25.9	30.3	23.4	93	97	80	79	88	92	88.2	2.3
24	58	58.48	59.09	56.84	58.09	58.56	58.18	22.9	22.9	28.9	28.3	25.9	24.5	25.6	30.4	22.1	94	95	71	80	91	94	87.5	1
25	57.46	57.97	58.57	56.35	58.04	58.15	57.76	24.2	24.2	29.5	30	25.9	25	26.5	31.8	23.6	95	96	74	73	94	95	87.8	.8
26	57.24	58.86	58.79	56.65	58.01	58.25	57.97	24.4	24.6	27.5	26	25.1	24.8	25.4	30.4	23.7	97	95	86	91	98	93	93.3	6.1
27	57.17	57.48	57.54	55.27	56.67	57.11	56.87	24.2	24	27.5	26.7	27	25	25.7	30.1	23.5	95	97	87	90	82	95	91	2.3
28	55.89	56.96	56.78	54.90	56.59	57.38	56.43	24.1	24.2	29.9	29.2	27.2	25	26.6	30.9	23.5	97	97	75	78	90	96	88.8	-----
29	56.61	57.42	57.49	55.93	58.10	58.45	57.33	24	23.9	30.2	30	27.7	25.4	26.9	31.3	23.3	94	95	70	70	84	92	84.2	-----
30	57.64	58.63	59.22	57.02	59.12	59.03	58.44	24.2	23.9	30.3	27.3	26.7	25.3	26.3	31.3	23.4	94	95	75	87	86	92	88.2	-----
31	57.86	58.79	58.94	56.77	58.26	57.84	58.08	24.2	24.4	23.6	26.9	24.1	24	25.4	29.2	23.4	96	97	83	88	94	95	92.2	6.6
Mean	57.20	57.94	58.29	56.16	57.38	58.17	57.52	24.3	24.1	29	28.6	26	24.9	26.1	30.5	23.4	93.7	95.1	75.9	77.3	89.1	92.3	87.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	98.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	NW	1	SE	1	Calm	----	S	2	5	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. NE
2	Calm	----	Calm	----	NW	1	S	3	Calm	----	Calm	----	10	Ci.-S.	Cu. E	8	Ci.-S.	Cu. NE
3	Calm	----	Calm	----	S	1	SE	1	Calm	----	Calm	----	10	Ci.-S.	Cu. NE	10	Ci.-S.	Fr.-N. NE
4	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
5	Calm	----	Calm	----	NW	2	WNW	1	Calm	----	Calm	----	10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu. NE
6	Calm	----	Calm	----	SW	2	W	2	W	3	Calm	----	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
7	Calm	----	S	2	S	4	S	4	S	4	S	5	10	Ci.-S.	Cu. WSW	9	Ci.-S.	Cu. SW
8	S	3	S	4	S	3	S	2	S	3	S	2	10	Ci.-S.	Fr.-N. SW	10	Ci.-S.	Cu. SSW
9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
10	Calm	----	Calm	----	S	1	S	1	Calm	----	Calm	----	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
11	Calm	----	Calm	----	S	1	S	2	Calm	----	Calm	----	5	Ci.	Cu.	3	Ci.	Cu.
12	Calm	----	Calm	----	S	2	S	3	Calm	----	Calm	----	10	Ci.-S.	Cu.	3	Ci.	Cu. ENE
13	Calm	----	Calm	----	S	1	S	1	Calm	----	Calm	----	10	Ci.-S.	Cu.	2	Ci.	Cu.
14	Calm	----	Calm	----	S	1	NNW	1	Calm	----	Calm	----	6	Ci.-S.	Cu. E	2	Ci.	Cu.
15	Calm	----	Calm	----	S	2	S	1	Calm	----	Calm	----	2	Ci.	Cu.	5	Ci.	Cu.-N. E
16	Calm	----	Calm	----	SSE	1	S	2	Calm	----	Calm	----	10	Ci.-S.	Cu. E	7	Ci.-S.	Cu.-N. E
17	Calm	----	Calm	----	NW	2	SSE	1	Calm	----	Calm	----	2	Ci.	Cu.	10	Ci.-S.	Cu. E
18	Calm	----	Calm	----	NW	1	SSE	1	Calm	----	Calm	----	6	Ci.	Cu. E	10	Ci.-S.	Fr.-N. E
19	Calm	----	Calm	----	SSE	1	S	1	Calm	----	Calm	----	7	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
20	Calm	----	Calm	----	NNE	1	S	1	Calm	----	Calm	----	5	Ci.	Cu. E	10	Ci.-S.	Cu.-N.
21	Calm	----	Calm	----	NW	1	NNW	1	Calm	----	Calm	----	5	Ci.	Cu. ENE	6	Ci.-S.	Cu. NE
22	Calm	----	NNE	1	NNE	2	N	1	Calm	----	Calm	----	8	Ci.-S.	Cu. ENE	6	Ci.	Cu. NE
23	Calm	----	Calm	----	NNW	1	NW	1	Calm	----	Calm	----	10	Ci.-S.	Fr.-N. ENE	9	Ci.-S.	Cu. NE
24	Calm	----	Calm	----	NNE	1	NNW	1	Calm	----	NNW	2	6	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
25	Calm	----	Calm	----	NNE	2	NNW	1	Calm	----	Calm	----	9	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
26	Calm	----	Calm	----	S	1	Calm	----	Calm	----	Calm	----	7	Ci.-S.	Cu. ENE	10	Ci.-S.	Fr.-N. E
27	Calm	----	Calm	----	S	1	SSW	1	Calm	----	Calm	----	5	Ci.	Cu. NE	10	Ci.-S.	Cu. E
28	Calm	----	Calm	----	NNE	1	S	2	Calm	----	Calm	----	5	Ci.	Cu. E	5	Ci.	Cu. E
29	Calm	----	Calm	----	S	1	S	2	Calm	----	Calm	----	2	Ci.	Cu.	4	Ci.	Cu. E
30	Calm	----	Calm	----	NNW	2	S	2	Calm	----	Calm	----	5	Ci.	Cu. ENE	9	Ci.-S.	Cu.-N. E
31	Calm	----	Calm	----	NNW	2	Calm	----	Calm	----	Calm	----	10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu.
Mean	-------	0.1	-------	0.2	-------	1.5	-------	1.4	-------	0.3	-------	0.4	7.3	-------	-------	7.8	-------	-------

NOTE.—The pressure and temperature on the 9th, have been taken from a self-registering apparatus.

SURIGAO.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 26.2 meters; gravity correction not applied, —1.86 mm.]

JANUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.79	60.30	61.15	59.53	59.44	60.25	60.08	26.1	25	24.4	24.8	25.5	24.5	25	26.3	23.1	88	96	91	93	88	90	91	17.6
2	59.82	60.28	60.82	59.04	59.87	60.42	60.04	23.8	24	27	28.2	27	26.4	26.1	29.2	22.8	93	96	89	77	83	87	87.5	1.3
3	59.32	59.81	61.03	59.37	60.40	60.77	60.12	26.5	26.5	25.4	25	25	25.7	25.7	26.8	23.4	91	96	97	96	93	94	94.5	55.1
4	60.13	61.11	61.46	59.61	61.27	61.51	60.85	24.8	24	26.4	28.5	26.5	26	26	29	23.3	95	96	81	87	88	89	89.3	15.8
5	60.60	61.34	61.76	59.44	60.47	61.11	60.79	26.1	25.5	28.5	28.5	26.6	25.4	26.8	29.8	24.2	90	92	81	85	87	90	87.5	5.8
6	60.56	61.20	61.92	59.60	59.71	61.04	60.67	24.7	24.5	26	28.5	26.5	25.2	25.9	29.3	22.7	92	96	92	85	88	93	91	7.1
7	59.91	60.17	61.45	59.35	60.27	60.27	60.24	23.1	22.9	27.1	28.5	25	24.2	25.1	28.9	21.8	96	97	83	85	92	93	91	3
8	59.36	60.56	61.12	59.03	60	60.96	60.17	24	24	28	29	27	26	26.3	29.2	23.1	94	96	83	81	86	92	88.7	1.1
9	59.92	60.67	61.40	59.10	60.32	61.20	60.44	25.6	24	25.5	29.5	26.5	25.4	26.1	30.2	23.5	94	97	96	78	84	87	89.3	19.1
10	60.11	60.91	61.84	59.65	60.61	61.50	60.77	24.9	24	29.5	30	27	24.4	26.6	31.1	23	89	92	75	69	80	86	81.8	4.6
11	60.67	61.76	62.76	60.96	61.55	62.25	61.66	23.5	24	28.5	29	26.5	25.8	26.2	29.3	22.7	92	99	78	78	84	82	85.5	----
12	61.15	61.75	62.37	60.35	61.47	62.61	61.62	25.2	23.5	27.4	28	26.8	23.6	25.8	30.3	21.6	81	79	63	69	74	76	73.7	----
13	61.67	62.03	62.81	60.87	61.77	62.21	61.89	22.3	25	27.5	27.9	27	25.1	25.8	28.9	21.3	78	83	81	79	77	80	79.7	32.3
14	61.35	61.85	62.74	61	61.10	61.60	61.61	24.1	24.9	26.5	24.5	26.4	26.6	25.5	26.7	22.9	85	90	85	96	81	83	86.7	56.4
15	61.08	61.56	62.67	60.42	61.21	61.92	61.48	24.8	24.1	24.5	27.5	26.4	25.1	25.4	27.5	22.8	86	88	94	73	70	78	81.5	38.1
16	61.30	62.48	63.33	61.67	62.50	62.72	62.33	24	23.8	25.4	25.8	25.8	25.3	25	26.3	22.9	87	97	88	84	86	88	88.3	47.3
17	62.05	62.58	63.32	61.11	62.12	62.59	62.30	24.5	24.7	27.2	26.5	25.5	25.5	25.6	28.5	23	90	92	83	88	88	90	88.5	21.9
18	61.86	62.83	63.40	61.74	62.13	62.31	62.38	23.1	23.5	26	25.6	25	23.7	24.5	29.8	22	93	96	91	88	92	93	92.2	21.8
19	61.27	61.63	62.19	60.40	60.81	61.46	61.29	23.5	22.5	27.6	26.6	26.4	25.7	25.4	30.7	21.8	94	96	80	87	84	88	88.2	3.6
20	60.51	60.86	61.02	58.92	59.96	60.96	60.37	22.8	21.9	28.5	27.5	26.5	24.6	25.3	28.9	20.9	92	97	76	84	85	88	87	10.7
21	59.82	60.47	61.42	59.67	60.89	61.35	60.60	24	23.9	26.5	28	25	24.3	25.3	29.8	23.3	93	97	91	85	93	95	92.3	12.2
22	60.40	61.46	62.31	60.39	61.36	62.17	61.35	24.3	23.5	28.1	28.7	26.5	23.6	25.8	28.8	21.4	96	97	74	69	76	82	82.3	----
23	61.27	61.48	62.10	60.23	60.70	61.58	61.23	21.7	20.7	28	28.7	26.5	23.5	24.8	30.2	19.8	90	98	69	68	74	80	79.8	----
24	60.66	61.14	61.90	59.60	60.30	62.16	60.96	22.2	20.9	29	28.8	26.8	22.9	25.4	30.3	19.9	88	96	68	67	74	80	78.8	----
25	61.93	62.31	63.19	61.16	61.36	62.36	62.05	21.1	20	26.7	29.4	26.4	23	24.4	29.7	19.3	88	98	79	64	73	79	80.2	----
26	61.86	62.06	62.61	60.64	61.17	61.61	61.66	21.3	20.9	27.9	27.8	25.1	23.3	24.4	30.5	19.4	87	96	71	75	89	91	84.8	3.3
27	60.91	61.31	61.74	59.89	60.20	61.01	60.84	22.3	22	28.5	29.1	27	24.9	25.6	30.6	21.2	94	97	70	70	80	85	82.7	.3
28	60.12	60.44	61.28	59.44	60.31	61.04	60.44	23	22.5	29	27.1	25	25.5	25.4	30.3	21.6	90	96	75	80	92	88	86.8	2.3
29	60.61	61.47	62.69	60.49	60.57	61.16	61.16	25.5	25	27.9	29.4	26.5	23.3	26.3	29.9	22.6	85	82	65	57	74	80	73.8	.5
30	60.30	60.93	61.74	60.09	60.85	61.76	60.94	22.6	22.4	26.8	28.4	26.5	25.8	25.4	28.7	21.4	88	96	80	72	80	84	83.3	6.5
31	61.23	61.50	62.37	60.68	61.14	61.77	61.45	24.5	23.9	27.9	28.5	25.4	24.4	25.8	29.4	23.2	89	95	75	74	85	89	84.5	3.1
Mean	60.69	61.30	62.06	60.11	60.83	61.54	61.09	23.9	23.5	27.2	27.8	26.2	24.8	25.6	29.2	22.1	89.9	94.2	80.8	78.8	83.2	86.5	85.6	----
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	390.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	EbyN	1	EbyN	2	Calm	----	Calm	----	Calm	----	10	----	N. NE	10	----	N. ESE
2	Calm	----	Calm	----	EbyN	2	ENE	2	E	2	Calm	----	8	----	Cu.-N. ENE	7	Ci.	Cu. NE
3	E	2	ENE	1	E	1	Calm	----	ENE	1	Calm	----	10	----	S.-Cu. NE	10	----	N. E
4	Calm	----	Calm	----	E	1	ESE	1	E	2	ENE	2	9	A.-Cu. ESE	Cu.-N. ENE	9	A.-Cu.	Cu.-N. ENE
5	E	2	E	2	E	2	EbyN	2	E	1	Calm	----	6	A.-Cu. ENE	S.-Cu. NE	7	A.-Cu.	Cu. E
6	E	1	Calm	----	E	1	ESE	1	E	1	Calm	----	10	----	S.-Cu. E	7	A.-Cu.	Cu. ESE
7	Calm	----	Calm	----	NW	1	N	1	Calm	----	Calm	----	9	A.-Cu. E	S.-Cu.	10	----	S.-Cu. NE
8	Calm	----	ESE	1	Calm	----	NNW	2	Calm	----	E	1	10	----	N. ENE	2	----	Cu.
9	Calm	----	S	1	Calm	----	ESE	2	ESE	2	ESE	1	10	Ci.-S.	S.-Cu. NE	7	A.-Cu.	Cu. ESE
10	ESE	1	Calm	----	ESE	2	ESE	2	E	2	Calm	----	3	Ci.-S.	Cu. E	8	A.-Cu.	S.-Cu. E
11	Calm	----	Calm	----	ENE	2	EbyN	1	E	1	ENE	2	10	----	Cu.-N. NE	9	Ci.-S.	Cu. ENE
12	ENE	2	Calm	----	Calm	----	ENE	1	EbyN	1	Calm	----	8	A.-Cu.	S.-Cu.	4	----	Cu. NE
13	NE	1	Calm	----	N	2	NNW	1	EbyN	1	E	2	9	A.-Cu.	S.-Cu. N	7	----	Cu. NNE
14	E	3	E	1	EbyN	2	EbyN	2	EbyN	4	ENE	4	10	----	N. ENE	10	----	N. NE
15	ENE	1	E	5	ENE	4	NE	1	ENE	1	Calm	----	10	----	S.-Cu. NE	10	Ci.-S.	S.-Cu. NNE
16	Calm	----	ENE	4	ENE	3	E	4	E	2	Calm	----	10	----	N. ENE	10	----	S.-Cu. ENE
17	Calm	----	Calm	----	ENE	2	ENE	2	ENE	2	ENE	2	10	----	Cu.-N. ENE	10	----	S.-Cu. NE
18	ENE	1	Calm	----	Calm	----	E	3	ENE	1	Calm	----	10	----	N. E	10	----	S.-Cu. NE
19	E	1	Calm	----	E	2	E	1	ENE	2	E	1	7	Ci.-S.	S.-Cu. NE	7	Ci.-S.	N. ENE
20	Calm	----	Calm	----	Calm	----	NNW	2	E	1	Calm	----	3	Ci.-S. SE	Cu.	7	A.-Cu.	Cu.-N. NNE
21	Calm	----	Calm	----	Calm	----	E	1	Calm	----	Calm	----	10	A.-Cu.	S.-Cu. ENE	8	A.-Cu.	Cu.-N. E
22	Calm	----	Calm	----	E	2	EbyN	2	E	2	Calm	----	6	Ci.-S.	Cu. ENE	3	Ci.-S.	Cu. NE
23	Calm	----	Calm	----	E	1	E	1	E	2	Calm	----	3	Ci.-S. NE	Cu.	5	----	Cu. E
24	Calm	----	Calm	----	E	1	E	2	ENE	2	Calm	----	1	----	Cu.	5	----	Cu. E
25	SE	1	Calm	----	Calm	----	E	1	NE	1	Calm	----	2	----	Cu.	2	----	Cu.
26	Calm	----	Calm	----	Calm	----	E	1	Calm	----	Calm	----	9	A.-Cu. E	S.-Cu.	10	----	S.-Cu. NE
27	Calm	----	Calm	----	E	2	E	1	E	1	Calm	----	2	----	Cu. ENE	3	----	Cu. ENE
28	Calm	----	Calm	----	Calm	----	Calm	----	ESE	1	ENE	1	6	Ci.-S.	Cu. ENE	7	A.-Cu.	Cu. NE
29	ENE	2	EbyN	1	E	3	E	1	ENE	2	Calm	----	6	----	Cu. NEbyE	2	----	Cu. ENE
30	Calm	----	Calm	----	ENE	1	NE	2	ENE	1	Calm	----	8	----	Cu.-N. ENE	5	----	Cu. E
31	ENE	1	Calm	----	EbyN	3	E	2	E	1	Calm	----	9	----	N. NE	8	A.-Cu.	Cu.-N. EbyN
Mean	----	0.6	----	0.5	----	1.4	----	1.5	----	1.3	----	0.5	7.5	----	----	7.1	----	----

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

FEBRUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.27	61.96	62.76	60.76	61.51	61.99	61.71	24.2	23.5	27.3	28.8	26.4	24.9	25.8	29.1	22.6	93	98	78	69	81	85	84	2.3
2	61.32	61.65	62.29	60.26	60.19	60.76	61.08	23.2	22.5	28.8	30	26.5	22.4	25.6	30.3	21	90	96	80	65	73	78	80.3	------
3	60.14	60.31	60.96	59.89	60.55	61.23	60.51	21.5	20.8	27.5	24.6	23.9	23.6	23.6	27.6	20	87	96	78	94	92	94	90.2	3.3
4	60.35	60.56	61.19	59.25	60.31	61.38	60.51	22.6	21.2	28	28.4	26.5	23.5	25	29.8	20.6	96	98	77	75	77	83	84.3	------
5	60.76	60.93	61.90	59.82	60.51	61.26	60.86	22	20.6	28.3	27.4	26.6	23.5	24.7	30	20	99	98	75	78	83	86	86.5	------
6	60.61	60.90	61.73	59.38	59.95	61	60.60	22.6	22.7	28.5	29.4	27	22.6	25.5	30.3	21.4	90	96	74	65	78	87	81.7	.3
7	59.99	60.66	61.81	59.83	60.41	61.55	60.71	21.6	21.5	27.8	28.3	26.6	25.9	25.3	30.2	20.2	93	95	70	66	76	82	80.3	------
8	60.72	61.71	62.26	60.21	60.75	61.97	61.27	25.4	21	29.7	30.4	26.9	23.8	26.2	31.4	20.3	88	95	64	62	77	82	78	------
9	61.07	61.57	62.81	60.48	60.70	61.56	61.36	22.3	22	27.5	29.5	26.8	23.7	25.3	30.5	20.5	88	95	81	64	74	81	80.5	2
10	60.52	60.78	62	59.51	59.80	60.29	60.48	21.7	22.8	28.4	30	26.5	25.6	25.8	30.7	20.3	88	97	75	63	76	82	80.2	------
11	59.50	59.40	60.47	58.68	59.39	60.87	59.72	21.4	20.5	29.5	27.5	26.3	24.5	25	30.8	19.8	87	95	64	73	81	85	80.8	------
12	59.96	59.62	60.26	58.80	59.17	60.16	59.66	22	21.5	27.4	26.5	26.5	26.4	25	27.9	20.8	89	95	78	80	81	82	84.2	1
13	59.54	60.01	61.45	59.91	59.76	60.30	60.16	25.8	25.8	28.9	26.8	26.5	25.7	26.6	29	23.8	83	84	71	77	86	84	80.8	.5
14	59.44	59.59	61.80	60.25	60.60	62.05	60.62	25.6	26	27.8	27.5	26.7	26.3	26.6	29.8	22	82	80	79	80	86	86	82.2	4.1
15	61.64	61.92	62.66	61.05	61.39	62.26	61.82	25.9	25.8	28.9	29.5	26.6	25.6	27	29.9	24.4	85	84	71	66	76	82	77.3	1.5
16	61.52	61.78	62.26	60.44	60.96	61.89	61.48	25.5	22.5	27.4	25.7	26.5	23.4	25.2	28.4	21.7	89	96	74	80	76	80	82.5	.3
17	61.28	61.47	62.49	60.29	60.65	61.51	61.28	23.1	22.4	28.9	29	26.5	25.4	25.9	29.4	21.6	86	92	63	64	76	82	77.2	------
18	60.26	60.92	62.19	60.31	60.84	62.07	61.10	22.1	22	28.9	29	26.5	25.4	25.6	30.3	20.9	88	95	62	64	75	81	77.5	------
19	61.61	61.94	63.58	61.02	61.22	62.19	61.93	21.8	20.3	24.4	28.2	26.3	25.2	24.4	29.5	19.7	87	96	91	69	78	83	84	1.5
20	61.24	61.78	62.64	60.51	61	62.28	61.58	22.2	21	28.8	29	26.1	23.5	25.1	29.8	20.2	88	95	65	65	81	85	79.8	------
21	61.71	62.01	62.66	60.46	60.91	61.90	61.61	21.1	21.5	28.5	29.5	26.5	25.7	25.5	29.6	19.9	89	95	64	64	73	79	77.3	------
22	61.12	61.83	62.71	60.39	60.63	62.05	61.46	25.2	21.6	29.2	30.5	26.9	26	26.6	32.3	21	86	92	67	67	77	82	78.5	------
23	61.86	62.02	62.86	60.86	60.99	62.10	61.78	23.6	21.8	29.5	29	26.9	23.4	25.7	30.8	20.8	86	93	64	66	74	80	77.2	------
24	61.13	62.07	62.85	60.69	61.02	62.34	61.68	21.7	21.2	27.8	29	26.5	24.3	25.1	30.2	20.3	87	97	71	70	80	84	81.5	3.3
25	61.78	62.32	63.27	60.74	61.11	62.06	61.88	23.2	23.2	27	29.6	24.8	23.8	25.3	29.8	21.8	89	94	70	66	92	89	83.3	5.3
26	61.21	61.45	62.83	60.71	60.76	61.98	61.49	22.7	22.9	24.5	28.7	26.5	22.7	24.7	29.6	21.8	92	97	82	74	74	79	83	4.5
27	60.71	60.91	61.89	59.91	60.16	61.44	60.84	22.9	22.5	27.5	27	26.1	24.4	25.1	29.3	21.2	87	96	84	85	85	86	87.2	13.3
28	60.68	61.22	62.71	59.92	60.25	61.53	61.05	23.9	24.2	25.1	27	26.7	22.9	25	28.3	22.1	88	90	90	77	78	83	84.3	15.3
Mean	60.82	61.19	62.19	60.15	60.55	61.57	61.08	23.1	22.3	27.9	28.4	26.4	24.4	25.4	29.8	21.1	88.6	93.9	73.6	71	79.1	83.3	81.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	ENE	2	ENE	2	EbyN	1	Calm	----	6	------------	Cu. NE	2	------------	Cu.
2	Calm	----	Calm	----	E	1	E	1	ENE	1	Calm	----	4	A.-Cu. NE	Cu.	6	------------	Cu. ENE
3	Calm	----	Calm	----	Calm	----	Calm	----	NNW	1	Calm	----	3	Ci.-S. SE	Cu.	10	------------	S. ENE
4	Calm	----	Calm	----	EbyN	1	Calm	----	ENE	1	Calm	----	2	------------	Cu. E	3	------------	Cu. E
5	Calm	----	Calm	----	E	1	Calm	----	ENE	2	Calm	----	6	Ci. ESE	Cu.	6	Ci.-S.	Cu. E
6	Calm	----	Calm	----	E	1	E	2	NE	1	S	1	5	A.-Cu. ENE	Cu.	3	------------	Cu.
7	Calm	----	Calm	----	E	1	ENE	2	ENE	1	ENE	1	4	A.-Cu.	Cu. E	6	Ci.-S.	Cu. E
8	ENE	2	Calm	----	EbyS	1	E	1	ENE	1	Calm	----	4	Ci. EbyS	Cu.	4	------------	Cu. ENE
9	Calm	----	Calm	----	E	1	ENE	2	NE	1	E	1	3	A.-Cu.	Cu.-N. E	3	------------	Cu. ENE
10	Calm	----	SE	1	E	1	ESE	2	SE	1	Calm	----	9	------------	S.-Cu. ENE	5	Ci.-S. E	Cu.
11	Calm	----	Calm	----	E	1	SE	2	SE	1	Calm	----	4	A.-Cu. E	S.-Cu.	9	------------	S.-Cu. E
12	Calm	----	Calm	----	EbyN	2	ENE	2	EbyN	2	ENE	2	4	Ci.-S.	S.-Cu. E	10	------------	S.-Cu. ENE
13	ENE	2	EbyN	2	ENE	3	NE	1	SSE	1	NE	2	6	Ci.-S.	Cu. E	10	------------	S.-Cu. NE
14	ENE	2	E	2	E	2	ESE	1	ESE	1	ENE	2	10	------------	S.-Cu. E	9	------------	S.-Cu. E
15	ENE	2	E	3	EbyN	4	E	2	E	2	ESE	1	5	Ci.-S.	Cu. NE	6	Ci.-S.	Cu. E
16	ESE	1	Calm	----	E	3	EbyN	1	E	2	Calm	----	6	Ci.-S.	S.-Cu. ENE	9	------------	S.-Cu. ENE
17	Calm	----	E	1	E	3	ENE	1	ENE	2	Calm	----	6	A.-Cu. E	S.-Cu. ENE	4	Ci.-S.	Cu. E
18	ENE	1	Calm	----	EbyN	2	NE	2	NE	2	ENE	1	6	Ci.-S.	Cu.-N. ENE	3	------------	Cu. E
19	Calm	----	SSW	1	E	2	ENE	1	E	2	ENE	1	3	------------	Cu. NEbyE	7	A.-Cu.	Cu. SE
20	Calm	----	Calm	----	E	1	ENE	1	EbyN	1	Calm	----	2	Ci.-S.	Cu. ENE	3	Ci.-S.	Cu. E
21	Calm	----	Calm	----	ENE	2	NNW	1	E	2	ENE	3	3	------------	Cu. NE	4	Ci.-S.	Cu. E
22	ENE	2	Calm	----	E	2	ESE	1	ENE	1	ENE	1	3	Ci.-S.	Cu. ENE	4	------------	Cu. NEbyN
23	Calm	----	Calm	----	EbyN	1	NEbyE	2	ENE	2	Calm	----	5	A.-Cu. E	Cu.-N. NE	6	Ci.-S.	Cu. ENE
24	Calm	----	Calm	----	Calm	----	E	1	EbyN	1	Calm	----	8	A.-Cu.	S.-Cu. ENE	8	------------	Cu. ENE
25	Calm	----	Calm	----	ENE	1	E	2	ENE	1	Calm	----	8	A.-Cu.	S.-Cu. E	8	A.-Cu.	S.-Cu. ENE
26	SE	1	SSW	1	ENE	1	Calm	----	ENE	2	Calm	----	9	A.-Cu. ESE	Cu.-N. NE	7	A.-Cu.	Cu. NNE
27	Calm	----	Calm	----	Calm	----	NNW	2	Calm	----	Calm	----	10	A.-Cu.	S.-Cu. NEbyE	9	Ci.-S. E	Cu. NE
28	Calm	----	NE	1	Calm	----	NNW	1	E	2	ESE	1	10	A.-Cu.	S.-Cu. NE	7	A.-Cu.	Cu. ENE
Mean	-------	0.5	-------	0.4	-------	1.4	-------	1.3	-------	1.4	-------	0.6	5.5	------------	------------	6.1	------------	------------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

MARCH, 1915.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.50	61.06	62.35	60.35	60.64	62.42	61.22	23.4	22.9	27	27.5	24.5	23.6	24.8	28.5	22	90	97	84	77	91	92	88.5	8.1
2	61.39	62.06	63.55	61.21	61.41	62.91	62.09	22.6	22.2	27.5	30	26.5	25.9	25.8	30.7	21.4	92	96	78	71	80	85	83.7	3.6
3	62.01	62.21	63.16	61.38	61.81	62.97	62.26	24.4?	23.8	28.8	28.1	26	25.8	26.2	30.3	22	89	93	76	74	88	88	84.7	3
4	62.37	62.89	63.96	62.56	62.85	63.77	63.07	25.3	25.4	30	27	26	24.5	26.4	30.8	23.3	87	88	73	88	82	87	84.2	3
5	62.67	62.96	63.79	61.76	62.17	62.99	62.72	23.2	22.2	28.9	29	26.6	25.2	25.8	29.7	21.3	91	96	75	71	82	87	83.7	.5
6	62.05	62.20	63.01	60.66	61.27	62.18	61.90	23.3	22.7	27.6	28.2	26.4	24.5	25.4	29.8	21.8	92	98	77	80	85	89	86.8	2.8
7	61.20	61.56	62.73	60.69	61.34	62.81	61.72	24	23	29.1	27.1	26.8	25.7	26	31.4	22.3	94	98	78	87	86	88	88.5	3.6
8	61.60	61.92	63.20	61.73	62.28	63.74	62.41	24.2	24.5	28.9	29.5	26.8	24.9	26.5	31.2	22.8	91	96	78	74	82	87	84.7	3.3
9	62.45	62.53	63.64	61.41	61.95	63.20	62.53	22.7	23.1	28.4	29	26.5	25.1	25.8	29.4	22	92	98	71	74	85	88	84.7	------
10	62.21	62.42	63.68	61.59	62.13	63.24	62.54	24	23	28.9	29	27.1	25.6	26.3	30.3	22.3	92	97	78	78	83	87	85.8	------
11	62.35	63.06	63.63	61.06	60.80	62.31	62.20	25.2	22.5	29.2	30	27	25.4	26.6	30.5	22	91	96	67	65	77	83	79.8	------
12	61.02	61.23	62.10	59.71	60.03	61.01	60.85	23.9	23	29	29.3	26.9	24.7	26.1	31.4	21.6	90	97	68	72	81	86	82.3	------
13	60.10	60.89	62.46	60.74	60.78	62.22	61.20	22.2	21.1	29.4	31.4	27	24.3	25.9	31.5	20.3	91	98	72	60	80	84	80.8	------
14	61.05	61.78	62.77	60.56	61.06	62.56	61.63	22.9	22	28.9	30.4	27	23.6	25.8	30.7	20.8	90	96	67	65	77	82	79.5	------
15	61.99	62.11	62.99	60.60	61.34	62.26	61.88	21.6	21	28.9	29.9	26.9	24.7	25.5	30.8	20.3	89	98	71	69	77	83	81.2	------
16	61.32	61.63	62.41	59.89	60.80	61.93	61.33	22	23.5	29.1	30.5	24	23.2	25.4	31.8	20.5	88	96	74	65	92	93	84.7	.3
17	60.61	61.49	62.61	60.36	60.63	61.80	61.25	22.2	21.5	29	30	27	24.3	25.7	31.2	20.6	94	95	67	68	79	83	81	------
18	61.11	61.71	63.09	61.30	61.71	62.81	61.96	22.2	21.5	29	29.5	26.8	25.2	25.7	30.8	20.5	88	95	71	74	81	86	82.5	------
19	62.15	62.48	63.60	61.53	62.29	63.80	62.64	22.9	22.2	28.2	29	25	23.6	25.2	29.7	21.2	91	98	81	77	95	95	89.5	4.8
20	62.66	62.72	63.25	61.19	61.20	62.50	62.25	23.8	23.5	27.9	28.3	26.6	25.6	26	29.8	22.4	96	96	74	78	79	84	84.5	------
21	61.20	61.48	62.57	60.45	60.80	62.26	61.46	24	22	28.1	30	26.9	26.1	26.2	30.6	21.2	89	96	72	65	77	78	79.5	------
22	61.07	61.37	62.53	60.25	60.86	62.29	61.40	25.6	25.9	29.5	30.3	27	25.4	27.3	30.9	23.4	79	80	68	66	80	84	76.2	------
23	61.47	61.76	62.63	60.03	60.61	62.54	61.51	23.3	23.6	29.5	31	27.4	26.5	26.9	32	22.3	89	95	75	69	82	86	82.7	------
24	61.74	62.72	63.31	60.91	61.30	62.40	62.06	25.3	23	29.6	28.7	27.3	25.5	26.6	31.1	21.9	91	96	74	76	84	88	84.8	------
25	61.31	62.11	62.70	59.95	59.73	60.34	61.02	23.7	23.7	28.5	30	27.1	26	26.5	30.6	22.8	92	98	80	75	80	89	85.7	------
26	59.70	60.26	61.61	59.51	60.03	61.52	60.44	23.2	23	29.9	28.5	27.5	26.6	26.4	31	22.2	90	92	65	80	80	85	82	.8
27	60.55	61.26	62.25	60.24	60.74	61.97	61.17	23.9	24	28.8	30	25.5	26.1	26.4	30.4	22.8	90	96	80	72	93	94	87.5	3.3
28	60.82	61.17	62.06	59.92	60.45	61.62	61.01	24.2	24.4	27	26.5	26.5	26.5	25.8	28.5	23.1	96	97	88	87	88	91	91.2	4.8
29	60.60	61.09	62.25	60.54	61.19	62.26	61.32	25.8	24.9	28.9	26.6	27.5	25.8	26.6	30.5	23.8	94	97	78	93	84	88	89	10.2
30	60.75	61.25	63.05	60.65	61.09	62.14	61.49	24.6	24.5	24.7	25	25.5	25.5	25	25.8	23.3	93	97	98	96	95	97	96	26.6
31	60.77	61.11	62.01	60.01	60.72	61.75	61.06	24.5	24.6	26	28.3	26.7	25.4	25.9	29.8	23.3	98	99	94	82	86	89	91.3	8.4
Mean	61.38	61.82	62.87	60.73	61.16	62.40	61.73	23.7	23.2	28.5	29	26.5	25.2	26	30.4	22	90.9	95.6	75.9	75.1	83.6	87.3	84.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	87.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SW	1	SWbyS	1	E	2	E	3	ESE	2	ENE	3	7	A.-Cu.	Cu.-N. NE	7	A.-Cu.	Cu. ENE
2	Calm	----	SSW	1	EbyS	1	ESE	2	ENE	3	ENE	3	9	A.-Cu.	S.-Cu. ENE	4	----------	Cu. E
3	SE	1	SE	2	SE	1	ESE	2	ESE	1	ENE	3	10	----------	S.-Cu. ENE	9	A.-Cu.	Cu.
4	ESE	3	ESE	1	ESE	3	E	2	ESE	2	SE	1	6	A.-Cu.	S.-Cu. EbyN	9	A.-Cu.	S.-Cu. ENE
5	SE	1	SE	1	ESE	3	ENE	3	E	3	ESE	2	10	----------	S.-Cu. ENE	4	Ci.-S.	Cu. EbyN
6	SE	1	SE	1	E	2	NE	3	ENE	3	ENE	1	4	----------	Cu. ENE	7	----------	Cu. E
7	SSE	1	S	1	E	3	ENE	2	ESE	1	ENE	1	5	Ci.-S.	Cu. ENE	10	----------	S.-Cu. E
8	ESE	1	E	1	E	2	ESE	3	E	1	SE	1	4	Ci.-S.	S.-Cu. ENE	7	----------	Cu. E
9	SE	1	SSE	1	ENE	2	E	3	E	3	ENE	1	2	----------	S.-Cu. ENE	3	A.-Cu.	Cu. E
10	SE	1	SSE	1	E	2	E	3	E	2	ENE	3	3	----------	Cu. EbyN	7	----------	Cu. E
11	ENE	3	EbyN	1	E	3	E	3	E	3	SE	1	3	----------	Cu. ENE	2	----------	Cu.
12	SSE	1	SSE	1	ESE	3	E	4	ESE	3	ENE	1	7	A.-Cu. E	S.-Cu. E	7	A.-Cu. E	Cu. E
13	SSE	1	SSW	1	E	2	E	2	E	2	SE	1	2	Ci.-S.	Cu.	2	Ci.-S.	Cu.
14	SSE	1	SSE	1	E	3	E	3	E	2	SE	1	2	Ci.-S.	S.-Cu. EbyS	1	----------	Cu.
15	Calm	----	SSE	1	E	3	EbyN	3	E	4	SE	1	1	Ci.-S. SE	Cu.	4	----------	Cu. NEbyN
16	ESE	1	E	3	ESE	3	ESE	3	SE	1	SE	1	8	A.-Cu.	S.-Cu. E	7	Ci.-S.	Cu. ENE
17	Calm	----	Calm	----	E	2	E	3	ENE	3	SE	1	2	Ci.-S. WSW	Cu.	2	Ci.-S.	Cu.
18	SE	1	Calm	----	EbyN	3	EbyN	2	EbyN	3	E	1	2	----------	Cu. ENE	5	----------	Cu. NEbyE
19	SE	1	SE	1	N	1	NbyW	3	ENE	2	SE	1	6	A.-Cu. NEbyN	S.-Cu.	9	A.-Cu.	S.-Cu. NEbyN
20	Calm	----	Calm	----	Calm	----	NNW	1	E	2	E	2	7	A.-Cu. NE	S.-Cu. NNE	10	----------	S.-Cu. NNE
21	ESE	3	SE	1	ENE	3	ENE	3	ENE	3	E	2	2	Ci.-S.	S.-Cu. NE	6	A.-Cu.	Cu. NNE
22	E	2	E	3	E	3	EbyN	3	ENE	4	Calm	----	4	----------	Cu. ENE	4	----------	Cu. EbyN
23	E	1	E	2	E	2	EbyN	3	ENE	3	ENE	1	9	----------	S.-Cu. ENE	3	----------	Cu. ENE
24	SE	1	Calm	----	E	2	N	1	E	1	Calm	----	5	Ci.-S.	Cu. E	6	----------	Cu. ENE
25	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	9	----------	S.-Cu. NE	2	Ci.-S.	Cu. ENE
26	Calm	----	S	1	EbyN	1	NbyW	2	ENE	2	ENE	3	2	----------	Cu.	2	Ci.-S.	Cu.
27	E	1	Calm	----	E	2	Calm	----	SE	1	ENE	3	10	----------	Cu.-N. NE	7	A.-Cu. E	Cu. ENE
28	ESE	1	ESE	1	E	2	E	3	E	3	ENE	3	10	----------	S.-Cu. E	9	A.-Cu.	Cu.-N. E
29	E	2	Calm	----	E	2	N	1	E	3	Calm	----	6	Ci.-S.	Cu.-N. ENE	7	----------	Cu.-N. ENE
30	Calm	----	Calm	----	Calm	----	Calm	----	NE	1	Calm	----	10	----------	N. E	10	----------	S.-Cu. E
31	Calm	----	Calm	----	SE	1	E	3	ESE	2	SE	1	8	----------	S.-Cu. SW	8	A.-Cu. SE	Cu.-N. E
Mean	------	1	------	0.9	------	2	------	2.3	------	2.2	------	1.4	5.6	----------	----------	5.8	----------	----------

SURIGAO.

[φ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

APRIL, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.03	60.91	61.46	59	59.46	60.90	60.46	24.7	24	29.6	30	27.4	26	27	31.5	22.9	92	96	74	71	81	85	83.2	------
2	60.03	60.25	61.26	59.54	60.13	61	60.37	25	23.5	29.5	30.8	26.9	25.7	26.9	31.3	22.6	90	96	77	67	83	86	83.2	------
3	60.27	60.75	61.95	59.97	60.31	61.89	60.86	24.7	24	30	31	27.4	25.7	27.1	31.4	22.8	91	95	68	67	85	86	82	------
4	60.97	61.44	62.35	59.85	60.60	62.34	61.26	25.2	25	30.9	31.4	27.6	24.8	27.5	32.2	23.6	88	90	69	63	80	84	79	------
5	61.48	62.12	62.90	60.31	60.98	62.99	61.80	23.5	22.2	29.5	29.5	27.5	26.5	26.4	30.3	21.2	90	96	71	73	84	86	83.3	------
6	62.28	62.67	63.43	60.78	61.31	62.21	62.11	24.3	23.4	30.5	30	27.5	24.3	26.7	31.8	22.3	88	91	62	64	76	80	76.8	------
7	61.30	61.68	63.01	60.75	61.49	62.62	61.81	22.7	22.5	29	29.5	27.7	24.8	26	31.8	21.3	85	91	66	71	76	80	78.2	------
8	61.34	61.68	62.74	60.43	60.53	62.04	61.46	23.6	23.2	30	28	27.4	26.9	26.5	31.7	21.8	86	94	71	80	84	86	83.5	2.3
9	60.67	61.11	62.08	60.24	60.80	61.53	61.07	26.3	25.5	29.9	30	27.9	26.5	27.7	32.8	23.7	89	92	72	73	82	86	82.3	6.6
10	60.63	61.30	62.26	59.79	60.59	61.92	61.09	24.4	24.5	29.3	31	27.5	25.1	27	31.8	23.1	90	94	72	65	81	85	81.2	7.9
11	60.66	60.40	61.03	59.24	59.89	60.99	60.37	24.2	23.5	29.8	30.7	27.1	26.3	26.9	31.3	22.7	91	96	73	67	82	81	81.7	------
12	60.39	60.49	61.49	59.65	59.96	61.64	60.60	26	25.9	29.3	31.9	28	26.8	28	32.3	22.9	81	80	76	63	81	86	77.8	------
13	60.86	61.09	62.04	60.39	60.96	62.10	61.24	25.5	24.5	30	30	26	26	27	31.8	23.8	91	96	75	71	88	89	85	9.4
14	61.10	61	61.91	59.84	60.35	61.61	60.97	26.2	25.5	29.4	30.7	27.7	26.9	27.7	31.2	24.4	91	93	72	66	76	80	79.7	------
15	60.21	60.61	61.06	59.19	59.64	61.02	60.29	26.1	25.7	29.5	31	27.6	26.1	27.7	31	23.9	84	89	71	65	77	83	78.2	------
16	59.84	59.86	60.76	58.87	58.98	60.34	59.78	24.5	23.1	30	29.8	27.5	25.4	26.7	30.8	22	90	97	65	69	77	82	80	------
17	59.32	59.12	59.66	57.48	57.88	59.64	58.85	23.8	23	29.9	31	27.5	25.2	26.7	31.2	21.7	88	95	72	69	84	86	82.3	------
18	58.70	58.86	60.09	58.07	58.48	59.56	58.96	24.7	24.5	29.7	29.7	27.9	26.6	27.2	31.3	23.5	89	92	73	73	81	90	83	------
19	59.13	59.81	60.34	58.58	59.41	60.79	59.68	24	23.5	29.8	30.5	28	26.8	27.1	31.7	22.5	94	96	72	68	77	82	81.5	------
20	60.15	60.41	61.10	59.29	59.66	60.75	60.23	25.1	24.1	29.2	29	28	26.5	27	32.5	23.1	87	91	76	74	81	85	82.3	1.5
21	59.95	60.35	60.55	58.24	58.77	60.02	59.65	24.7	24.1	28.5	28	27.5	24.8	26.3	30.9	23.2	89	95	84	85	81	84	86.3	15
22	59.31	60.01	60.63	58.77	59.41	60.60	59.79	24.5	24	29.5	31	28	25	27	31.9	22.8	89	95	78	68	88	90	84.7	8.1
23	59.33	59.56	60.66	59.20	60.02	61.23	60	24.5	24	25	28	27	24.3	25.5	29.2	22.8	92	95	92	77	84	88	88	14.5
24	59.92	60.01	60.60	58.96	59.44	60.61	59.92	24.5	24.6	27.9	28	27.7	25.7	26.4	29.8	22.9	93	98	82	80	78	82	85.5	27.7
25	59.40	59.60	60.21	59.03	58.94	59.77	59.49	24.6	25.2	26.6	24	24.7	23.4	24.8	27	22.4	87	94	91	96	97	97	93.7	32.1
26	58.88	59.29	59.91	58.48	58.81	59.91	59.21	23.3	23.5	29	25.9	25	23.5	25	30.6	22	97	97	81	92	95	96	93	11.3
27	58.73	58.76	59.60	57.90	58.29	59.66	58.82	22.7	22.3	29.5	27.8	27	26	25.9	31.7	21.3	97	97	78	79	88	89	88	4.3
28	59.02	58.88	59.76	58.31	59.20	60.32	59.25	24.9	24.9	28.9	28	26.6	25.1	26.4	30.1	23.3	91	92	82	88	90	92	89.2	11.7
29	59.63	59.46	59.59	57.31	58.27	59.89	59.02	24	23.4	29.4	30.5	27	25.9	26.7	31.7	22.3	95	97	72	74	84	87	84.8	20.3
30	59.03	58.77	59.59	57.15	58.19	59.51	58.71	25.1	24.8	28.8	28.9	27.5	26.5	26.9	30.7	23.9	90	94	85	82	87	90	88	.8
Mean	60.12	60.34	61.13	59.15	59.69	60.98	60.24	24.6	24.1	29.3	29.5	27.3	25.6	26.7	31.2	22.8	89.8	93.8	75.1	73.3	82.9	86.1	83.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	173.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	2	SE	1	E	1	EbyN	2	ESE	2	Calm	----	10	------------	S.-Cu. ESE	5	A.-Cu.	Cu. E
2	Calm	----	Calm	----	E	3	ESE	2	ESE	2	SE	2	2	Ci.-S. W	Cu.	6	A.-Cu. ESE	Cu.
3	SE	1	SE	1	E	3	E	2	E	2	SE	1	1	------------	S.-Cu.	1	------------	Cu.
4	ESE	1	ESE	1	ENE	3	E	1	E	2	SE	2	2	Ci.-S.	Cu. EbyS	1	Ci.-S.	Cu.
5	SE	1	Calm	----	E	1	E	4	E	1	ESE	2	1	Ci.-S.	Cu. E	6	------------	Cu. EbyN
6	ESE	1	Calm	----	ESE	2	E	4	E	2	SE	1	2	------------	Cu. E	1	------------	Cu.
7	Calm	----	Calm	----	EbyN	3	N	2	ENE	3	ENE	2	2	Ci.-S. W	Cu.	2	------------	Cu.
8	ESE	1	SE	1	E	3	ESE	3	EbyS	2	NE	3	3	------------	Cu. ENE	9	------------	Cu.-N. ENE
9	ESE	1	ESE	2	ESE	3	E	5	E	2	NE	3	6	------------	Cu. E	9	------------	Cu.-N. E
10	ESE	1	ESE	1	E	3	E	3	EbyN	3	ESE	2	7	A.-Cu. SE	S.-Cu. NE	5	------------	Cu. ENE
11	SE	1	SSE	1	E	3	EbyN	3	E	4	E	2	4	Ci.-S.	S.-Cu. E	6	------------	Cu. EbyN
12	ESE	2	E	2	E	3	EbyS	3	ENE	3	ENE	3	7	A.-Cu. E	S.-Cu.	4	------------	Cu. EbyS
13	Calm	----	SE	1	EbyN	2	E	3	E	3	ESE	2	7	Ci.-S. SW	Cu. E	9	------------	S.-Cu. E
14	ESE	2	ESE	2	E	4	E	2	E	3	ENE	3	6	Ci. SW	Cu. E	6	------------	Cu. ENE
15	ESE	2	ESE	2	E	3	E	3	E	3	ENE	1	7	A.-Cu.	Cu. E	4	------------	Cu. E
16	ESE	1	ESE	1	E	2	EbyN	3	EbyN	3	SE	2	2	------------	Cu.	3	------------	Cu. ENE
17	Calm	----	Calm	----	E	2	EbyN	3	SE	3	SE	1	4	------------	Cu. E	4	Ci.-S.	Cu.
18	SE	1	SSE	1	E	2	EbyN	3	SE	3	SE	3	4	Ci.-S. WSW	Cu.	6	Ci.-S.	Cu. ENE
19	SE	1	SE	1	EbyN	3	EbyN	2	E	3	ENE	2	4	Ci.-S.	Cu. ENE	5	Ci.-S.	Cu. EbyN
20	SE	3	SSW	1	E	2	NE	2	EbyN	3	ENE	3	9	A.-Cu.	S.-Cu. E	8	------------	Cu.-N.NE
21	ENE	1	EbyN	1	ENE	1	ENE	3	EbyN	4	SE	1	6	------------	Cu.-N. ENE	7	------------	Cu.-N.ENE
22	SSE	1	SSE	1	ENE	3	EbyN	3	E	2	E	2	7	Ci. WSW	Cu.-N. ENE	5	------------	Cu. EbyN
23	Calm	----	ENE	2	ESE	3	EbyN	3	E	2	S	1	10	------------	N. ENE	9	A.-Cu. E	Cu.-N. E
24	S	1	ESE	1	ENE	2	ENE	3	E	3	SE	3	9	------------	Cu.-N. ENE	9	------------	Cu.-N.NE
25	ESE	3	EbyN	2	ENE	1	S	2	ESE	1	SE	1	10	------------	N. ENE	10	------------	N. E
26	SSE	1	SbyW	1	ESE	2	SE	3	SE	2	E	1	9	A.-Cu.	S.-Cu. ENE	9	A.-Cu.	S.-Cu.ENE
27	S	1	SE	1	E	2	NE	2	E	2	E	1	4	------------	Cu.	5	------------	Cu. E
28	S	1	SSE	1	ESE	2	NNW	2	ESE	1	E	1	9	A.-Cu.	Cu.-N. ENE	9	Ci.-S.	Cu.-N.NE
29	SE	1	SE	1	E	3	EbyN	3	EbyN	2	ENE	1	4	Ci.-S. WSW	Cu.	7	Ci. SSW	Cu. EbyN
30	E	1	Calm	----	EbyN	2	NbyW	2	E	1	ESE	1	9	A.-Cu.	S.-Cu. E	8	A.-Cu. ENE	Cu.
Mean	------	1.1	------	1	------	2.4	------	2.7	------	2.4	------	1.8	5.6	------------	------------	5.9	------------	------------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

MAY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.44	58.76	59.53	57.19	58.34	59.35	58.60	24.9	24.8	30	30.5	27.5	25.8	27.2	31.2	23.6	93	97	78	74	86	88	86	5.3
2	58.66	58.56	58.86	56.81	58.44	59.80	58.52	24.8	25	29.9	30	27.6	25.6	27.2	30.9	23.6	92	96	80	78	87	90	87.2	.8
3	58.37	58.64	58.98	57.05	58.29	59.04	58.40	24.6	24.5	29.1	30	27.6	25.9	27	30.7	23.5	93	96	80	74	87	90	86.7	1.3
4	58.26	58.57	58.73	56.56	57.33	58.08	57.92	24.8	24.3	29	30.5	27.5	25.2	26.9	30.8	23.5	93	97	80	73	81	85	84.8	------
5	57.30	58.22	58.79	57.13	57.58	59	58	24.1	23.9	30.1	29.5	28.1	25.8	26.9	31.3	22.4	90	96	69	77	82	85	83.2	------
6	58.10	58.11	58.64	57.30	58.01	58.95	58.18	25	24.5	29.8	32	28.1	26.4	27.6	32.4	23.1	89	94	73	61	79	84	80	------
7	57.78	57.62	58.19	56.51	56.82	58.67	57.60	25.2	24.6	30	29.9	27.6	25.2	27.1	31	23.7	90	96	76	74	84	87	84.5	6.1
8	57.60	57.62	58.73	57.22	57.57	58.27	57.84	24.7	24	27.3	25	26	25.1	25.4	30.3	23.3	91	95	88	91	92	92	91.5	3.9
9	57.27	57.76	58.98	57.10	57.30	58.34	57.79	24.7	24.7	26.5	29	26	26.6	26.2	30.2	23.7	93	94	91	81	92	94	90.8	18.4
10	57.58	57.81	57.59	56.30	57.30	59.09	57.61	25.2	25	27	29	27.5	26.2	26.6	29.6	24	95	97	87	81	88	90	89.7	2.3
11	57.86	57.93	58.86	56.95	58.16	58.95	58.12	24.6	23.9	29.5	31	28.5	26.4	27.3	32.8	23.1	92	96	78	74	84	88	85.3	------
12	58.14	58.44	59.77	58.31	58.51	59.12	58.72	25.3	24.9	28.5	27.5	26.4	25.3	26.3	28.8	23.9	93	97	87	88	90	91	91	6.4
13	58.32	58.59	59.39	57.31	57.70	59.13	58.41	24.2	25	30	31.1	28	26.8	27.5	31.8	23	92	95	76	75	88	90	86	------
14	58.57	58.91	59.51	57.04	57.84	60.02	58.65	25.5	25	29.5	32.8	28.5	26.4	28	33.5	24	93	98	78	64	84	84	83.5	------
15	59.29	58.96	59.35	57.35	57.96	59.49	58.73	25.5	25.5	31.2	32	28.2	25.7	28	32.4	23.8	84	85	64	66	86	88	78.8	------
16	58.44	58.18	58.83	56.69	57.53	59.13	58.13	25.2	25.3	30	31.5	28.5	27.4	28	32.4	24.3	92	96	71	72	81	84	82.7	------
17	58.48	58.63	59.29	57.53	58.43	60.01	58.73	25.1	25	32	31.6	28	26	28	32.8	23.8	88	92	66	66	80	79	78.5	------
18	59.79	59.81	60.50	58.62	59.47	60.94	59.86	24.7	23.8	32.7	32	28.6	26.9	28.1	33.2	22.8	86	93	65	66	78	83	78.5	------
19	59.99	60.44	60.80	58.55	59.06	60.24	59.85	25.3	25.2	30.9	31.5	28.5	26.1	27.9	31.8	23.9	88	94	72	70	81	85	81.7	------
20	59.66	59.77	59.18	56.45	57.71	58.96	58.62	24.8	24.6	31.1	32.4	28.4	26.3	27.9	33.2	23.4	89	94	71	62	80	83	79.8	------
21	58.48	58.71	58.96	56.56	56.80	57.98	57.92	25.2	26.1	30	31	28	25.8	27.7	32.4	24.6	87	90	77	65	77	81	79.5	------
22	57.66	57.95	58.61	57.70	58.81	60.54	58.54	24.7	24.4	29	29.5	27	24.7	26.6	30.2	23.3	87	91	78	75	84	86	83.5	.5
23	58.71	58.87	59.43	57.85	58.69	60.14	58.95	24.6	25.4	30.6	30.2	28.5	26.3	27.6	33.8	23.1	88	90	69	74	74	79	79	------
24	59.47	59.39	59.50	57.95	58.51	59.99	59.14	25.2	25.5	30.5	30.9	28.5	26.4	27.8	31.9	24.2	86	94	76	74	81	85	82.7	------
25	59.37	59.76	60.05	58.34	58.88	60.12	59.42	25.8	24.8	31	30.9	28.7	27	28	32.7	23.8	89	94	71	72	85	88	83.2	------
26	59.36	60.09	60.47	58.39	59.49	60.09	59.65	25.9	25.2	30.8	32.5	28.5	26.4	28.2	32.7	24.1	91	93	78	67	80	85	82.3	------
27	59.47	59.74	60.12	57.76	58.55	59.74	59.23	25.3	25	31	32	29	28	28.4	33	23.9	90	96	73	69	78	82	81.3	------
28	59.43	59.91	60.68	57.91	58.31	60.10	59.39	26.6	26.4	30	31.5	29	26.6	28.4	32.7	24.1	85	89	76	75	83	87	82.5	------
29	59.29	59.47	59.98	57.52	58.16	59.59	59	25.9	25.3	31	32.4	29	26.7	28.4	33.3	24.3	92	96	75	69	81	80	82.2	------
30	59.06	58.66	58.01	56.69	57.10	58.16	57.95	25.2	24.7	31.2	32.5	29.5	26.5	28.3	33.2	23.7	87	95	71	65	81	85	80.7	------
31	57.44	57.62	57.85	56.29	56.50	57.67	57.23	25.4	24.5	29.6	31.5	30	26.5	27.9	32.5	23.1	89	94	77	70	81	84	82.5	------
Mean	58.57	58.76	59.23	57.32	58.04	59.31	58.54	25.1	24.9	30	30.8	28.1	26.2	27.5	31.9	23.6	89.9	94.2	75.8	72.3	83.1	85.9	83.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	45

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	S	2	SSW	1	E	3	N	1	S	2	Calm	----	9	A.-Cu.	S.-Cu.	6	Ci.-S.	Cu.
2	Calm	----	Calm	----	E	1	E	2	ESE	1	S	1	9	Ci.-S.	Cu.	7	Ci.-S.	Cu.
3	SSW	1	SSW	1	WNW	1	E	3	E	2	Calm	----	9	A.-Cu. WNW	S.-Cu.	6	Ci. SbyW	Cu. E
4	Calm	----	Calm	----	EbyN	3	E	2	ESE	2	SE	1	7	Ci.-S.	Cu.-N. E	5	Ci.-S. WSW	Cu.
5	SE	1	Calm	----	EbyN	1	NNW	5	ENE	3	E	1	2	Ci.-S. W	Cu.	2	Ci.-S.	Cu.
6	S	1	Calm	----	E	1	E	3	ESE	3	ENE	3	2	Ci.-S.	Cu. ENE	2	Ci. NW	Cu.
7	SE	1	SbyE	1	E	3	ENE	3	E	2	NE	3	4	A.-Cu. E	Cu. ENE	7	A.-Cu. ESE	Cu.-N. E
8	NE	2	S	1	E	3	ENE	1	ESE	1	SE	3	9	A.-Cu.	S.-Cu. E	9	A.-Cu.	S.-Cu. ENE
9	ESE	4	SbyW	1	SE	3	E	2	E	1	ENE	2	10	A.-Cu.	S.-Cu. E	9	A.-Cu.	S.-Cu. E
10	E	3	SE	2	WNW	1	WNW	1	E	1	NE	3	10	------------	N. SE	10	A.-Cu.	S.-Cu. SE
11	SE	1	Calm	----	Calm	----	NbyE	1	ENE	2	ESE	1	9	Ci.-S.	S.-Cu. NE	3	Ci. SW	Cu.
12	Calm	----	ESE	1	E	1	E	1	E	1	SE	1	9	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. ENE
13	SE	1	SSE	1	Calm	----	E	3	SSE	1	S	1	7	Ci.-S.	S.-Cu. ESE	7	Ci.-S. SE	Cu.
14	SSW	1	Calm	----	NW	1	ENE	1	Calm	----	Calm	----	5	Ci. SW	Cu.	5	Ci.-S.	Cu. ENE
15	SW	1	WSW	1	W	2	WNW	2	NW	1	SE	1	3	Ci.-S.	Cu. WSW	6	Ci. SE	Cu.
16	S	1	SSW	1	NbyE	1	E	3	EbyS	2	ESE	2	4	Ci.	Cu.	4	Ci.	Cu. SEbyE
17	Calm	----	Calm	----	E	3	E	3	S	1	S	1	8	A.-Cu. NW	Cu.	6	Ci.	Cu. SE
18	SSW	1	SSW	1	E	3	E	3	E	2	ESE	1	2	Ci.-S. NE	Cu.	2	------------	Cu. EbyS
19	Calm	----	SSE	1	E	3	EbyN	2	E	2	SE	1	2	Ci. NNE	Cu.	2	------------	Cu.
20	S	1	S	1	Calm	----	WNW	2	WbyN	1	SSW	1	2	A.-Cu. W	S.-Cu.	6	Ci.-S.	Cu. WNW
21	SSW	1	Calm	----	ENE	1	NW	1	WSW	1	SSW	1	9	A.-Cu. WNW	S.-Cu. WSW	9	Ci.-S.	S.-Cu. NE
22	SW	1	SW	1	WSW	1	WSW	1	SE	1	WSW	3	3	A.-Cu.	Cu.-N. WSW	10	------------	S.-Cu. WSW
23	Calm	----	Calm	----	WSW	2	WNW	2	Calm	----	SW	1	10	A.-Cu. NE	Cu.-N. WSW	8	A.-Cu. E	Cu. SWbyW
24	Calm	----	SE	1	E	3	ENE	3	E	2	SE	1	10	------------	S.-Cu. E	8	A.-Cu. SSW	Cu.
25	Calm	----	Calm	----	EbyN	1	EbyN	3	E	3	S	1	5	A.-Cu. SE	Cu.	4	Ci.-S. SW	Cu. E
26	Calm	----	Calm	----	NE	1	ENE	2	ESE	1	Calm	----	4	A.-Cu. SEbyE	Cu. E	7	Ci. ESE	Cu. SSE
27	Calm	----	Calm	----	E	3	N	1	EbyS	2	E	1	4	A.-Cu. ESE	Cu.	5	Ci.-S.	Cu. SE
28	SW	1	Calm	----	NW	1	Calm	----	Calm	----	Calm	----	7	A.-Cu. WNW	Cu.	5	Ci.-S.	Cu. SE
29	SW	1	Calm	----	E	2	E	3	E	3	SE	1	8	Ci.-S. NE	Cu.	7	Ci. NE	Cu.
30	SE	1	Calm	----	E	1	NW	2	E	1	ESE	1	6	Ci.-S. NE	S.-Cu.	3	Ci.-S. NE	Cu.
31	SE	1	Calm	----	NNW	2	NNW	2	E	2	ESE	1	5	Ci. NE	Cu.	2	Ci.-S.	Cu.
Mean	-------	0.9	-------	0.5	-------	1.7	-------	2.1	-------	1.5	-------	1.2	6.2	------------	------------	5.9	------------	------------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

JUNE, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	57.03	57.70	58.45	57.36	58.14	59.28	57.99	24.9	23.9	31.4	32.5	29.4	26.8	28.2	33	23	88	94	72	68	81	83	81	------
2	58.72	59.16	59.61	57.64	58.55	59.75	58.90	25.5	25	30	31.5	29.5	27.9	28.2	32.3	23.8	87	92	77	72	77	82	81.2	------
3	59.05	59.75	59.99	58.20	58.80	59.21	59.17	25.7	26	26.6	28.3	28.1	25.9	26.8	29.6	24.3	88	94	90	82	85	87	87.7	------
4	58.32	59.24	59.65	57.55	58.15	59.01	58.65	24.5	23.8	31.2	31.2	29	26.9	27.8	32.6	22.6	90	93	64	62	78	81	78	------
5	58.07	58.24	58.93	57.46	58.03	59.30	58.34	25.6	25.4	31.1	32.2	29.1	25.8	28.2	33.7	23.5	85	91	62	66	77	81	77	------
6	58.24	58.38	59.16	58.72	58.54	59.45	58.75	25	24	29.4	26.4	24.7	24.1	25.6	31.1	22.8	86	92	72	92	94	95	88.5	17.3
7	58.75	59.05	59.34	57.29	57.61	58.83	58.48	23.3	23.2	30	31.1	28.7	26.6	27.2	31.8	22	95	96	78	74	84	87	85.7	1
8	57.95	58.07	58.47	56.04	57.02	58.30	57.64	24.9	25	26	30.5	26.2	25	26.3	30.8	23.3	91	96	88	76	88	89	88	7.7
9	56.97	57.03	57.65	56.17	56.55	57.21	56.93	23.9	23.9	30	27.6	27.3	25.3	26.3	31.7	22.5	91	91	76	84	86	88	86	5.8
10	56.17	56.73	57.41	55.78	56.74	57.80	56.77	24.7	24.6	29	29.9	28.7	26.1	27.2	31.4	23.3	92	95	76	75	85	87	85	------
11	57.09	57.69	58.06	56.06	56.78	58.11	57.30	25	25.5	29	29	28.5	27.5	27.4	31.6	23.7	90	93	78	81	81	85	84.7	------
12	57.14	57.56	58.48	56.58	57.69	59.06	57.75	25.6	24.8	30.9	28.7	27	25.2	27	32.2	24	89	94	74	75	80	89	83.5	2.5
13	57.87	57.67	58.17	57.11	57.96	59.16	57.99	24.9	24.5	29.5	26.2	26.5	24.6	26	31.5	23.2	95	96	86	94	89	91	91.8	16
14	57.42	57.28	57.89	56.26	56.53	57.95	57.22	25.9	24.9	30	30	28.5	26.5	27.6	30.8	23.2	94	96	82	78	83	86	86.5	------
15	57.48	57.90	58.19	56.69	57.41	59.09	57.79	25.9	25.7	30.2	31.4	29	26.3	28.1	31.9	24.5	90	95	80	73	85	88	85.2	4.1
16	58.13	58.27	58.84	57.69	57.99	59.70	58.44	25.7	25.6	30	30	28	26.3	27.6	31.2	24.3	92	95	82	78	85	87	86.5	2.3
17	59.03	59.16	58.74	57.07	57.59	59.09	58.45	26.5	26.4	30.5	31.8	27.5	25.7	28.1	32.3	24.2	90	93	82	76	91	93	87.5	20.9
18	57.57	57.45	57.94	56.53	57.06	57.94	57.42	25	25.9	29	28	27.9	25.5	26.9	31.4	24	95	96	91	89	93	93	92.8	17.3
19	57.22	57.51	57.63	55.92	56.79	58.11	57.20	25.2	25.3	30	30.5	28	26.6	27.6	31.9	24.2	96	95	80	78	88	90	87.8	6.4
20	57.04	57.28	57.75	55.73	56.81	57.82	57.07	24.9	24.7	27.6	31.5	28.5	25.4	27.1	81.5	23.7	92	96	78	72	81	85	84	11.9
21	57.13	57.64	58.48	56.35	57.06	58.78	57.57	24.8	24.5	27.5	29	27.9	24.3	26.3	30.4	23.5	91	97	85	78	82	86	86.5	39.4
22	57.53	58.17	58.61	57.06	57.46	57.95	57.80	23.9	24.3	25.5	25.6	25	24.3	24.8	25.8	23.1	91	97	96	92	96	96	94.7	13.1
23	57.25	57.74	57.61	56.20	56.70	58.01	57.25	23.9	23.7	27.6	26.5	26.4	25.3	25.6	28.8	22.4	96	96	83	92	96	96	93.2	5.9
24	56.94	57.18	58.05	56.91	57.06	58.38	57.42	25	24.6	29.4	26.5	25.7	24.4	25.9	30.2	23.4	97	97	79	90	88	91	90.3	5.9
25	57.71	57.94	58.21	56.25	57.71	58.53	57.72	24.2	24.5	28.7	31	28.5	26.3	27.2	31.8	23.6	93	96	81	65	86	89	85	------
26	57.86	58.28	58.42	56.95	57.91	59.25	58.11	25.2	24.3	30.5	32.5	28.5	26.3	27.9	33.3	23.3	92	96	74	63	81	85	81.8	------
27	58.32	58.22	59	57.51	57.74	59.17	58.33	25	24.2	30	31.5	28.5	26.3	27.6	32.3	23.3	89	95	78	75	83	86	84.3	16.3
28	58.41	59.04	59.07	58.16	58.26	59.91	58.81	25.3	24.4	24.9	29.4	27	25	26	30.8	23.3	89	94	95	68	86	88	86.7	11.9
29	59.33	59.24	59.25	57.98	58.34	59.74	58.98	23.7	24	30.5	31.4	28.9	25.7	27.4	32.5	22.4	90	91	72	72	86	87	83	------
30	59.36	59.27	59.89	58.34	58.14	59.76	59.13	24.9	24.9	31	30.2	28.3	25.6	27.5	32.3	23.4	89	92	76	74	82	86	83.2	------
Mean	57.84	58.13	58.56	56.99	57.57	58.79	57.98	25	24.7	29.2	29.7	27.8	25.8	27	31.4	23.4	91.1	94.5	79.6	77.1	85.2	87.9	85.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	205.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		0-12		0-12		0-12		0-12		0-12	0-10			0-10		
1	SSE	1	SSW	1	E	1	N	2	E	3	ENE	1	1	------------	Cu.	3	------------	Cu.
2	E	1	E	1	N	1	N	2	ENE	3	ESE	1	6	A.-Cu. E	Cu. E	2	Ci.-S.	Cu. E
3	ESE	1	SE	1	E	1	NNW	3	E	3	Calm	----	10	------------	N. ENE	9	Ci.-S.	S.-Cu. ENE
4	SSW	1	SW	1	EbyN	2	N	1	E	2	SE	2	6	Ci.-S. W	S.-Cu.	5	Ci.-S.	Cu. ESE
5	SE	1	SE	1	ESE	3	E	3	E	3	Calm	----	2	A.-Cu. SE	Cu.	4	Ci.-S.	Cu. E
6	SSW	1	Calm	----	E	2	SE	4	SE	1	SE	1	5	Ci.-S. NW	Cu.	10	------------	N. E
7	SSE	1	SSW	1	E	1	EbyN	1	E	3	SE	1	1	Ci.-S. NW	Cu.	6	A.-Cu.	Cu. ENE
8	Calm	----	Calm	----	E	3	Calm	----	SE	1	Calm	----	9	------------	S.-Cu. ENE	5	Ci.-S.	Cu. ENE
9	SSW	1	SSW	1	E	1	Calm	----	SSE	1	SSE	1	7	Ci.-S. SW	S.-Cu.	9	------------	Cu.-N. ENE
10	SSW	1	Calm	----	NW	1	E	1	ESE	2	Calm	----	9	Ci.-S. S	S.-Cu.	8	Ci.-S.	Cu. ENE
11	Calm	----	EbyS	1	NNE	1	EbyN	1	EbyS	2	SE	1	9	Ci.-S.	S.-Cu. EbyS	8	Ci.-S.	S.-Cu. ESE
12	Calm	----	S	1	NW	1	W	1	ENE	3	SE	1	9	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	S.-Cu. NW
13	SSE	1	Calm	----	EbyN	2	E	1	ESE	1	Calm	----	7	A.-Cu. NE	S.-Cu. EbyS	10	------------	N. EbyS
14	Calm	----	NW	1	EbyN	1	NNW	1	EbyN	3	Calm	----	10	------------	S.-Cu. ENE	6	Ci.	Cu. NW
15	SE	2	Calm	----	E	3	ENE	1	Calm	----	SE	1	5	A.-Cu. SEbyE	S.-Cu. EbyS	6	A.-Cu. E	Cu. ENE
16	SE	2	ESE	3	ESE	3	ESE	2	E	1	Calm	----	10	Ci.-S.	S.-Cu. E	9	Ci.-S.	S.-Cu. ESE
17	SE	3	ESE	2	E	3	E	2	E	3	Calm	----	10	------------	N. E	8	A.-Cu. SE	Cu. E
18	Calm	----	SE	1	SE	2	E	3	ESE	3	SE	2	8	Ci.	S.-Cu. E	9	A.-Cu.	N. EbyS
19	Calm	----	Calm	----	E	2	Calm	----	E	3	Calm	----	9	A.-Cu. NE	Cu.-N. E	9	Ci.-S.	S.-Cu.
20	Calm	----	Calm	----	E	1	E	3	ENE	2	Calm	----	10	Ci.-S.	S.-Cu. NEbyE	8	Ci.-S. SW	Cu.
21	SSW	2	SSW	1	Calm	----	W	1	Calm	----	ENE	2	10	------------	S.-Cu. NE	8	A.-Cu. E	Cu.
22	ESE	1	SbyW	1	E	1	ESE	1	Calm	----	Calm	----	10	------------	S.-Cu. NE	10	------------	S.-Cu. E
23	SSE	1	SbyW	1	Calm	----	Calm	----	Calm	----	Calm	----	10	A.-Cu. ESE	S.-Cu. ENE	10	------------	N. NE
24	Calm	----	SbyW	1	Calm	----	EbyN	2	SE	1	S	1	10	------------	S.-Cu. ENE	10	------------	N. NE
25	Calm	----	Calm	----	Calm	----	WNW	2	Calm	----	Calm	----	10	A.-Cu. W	S.-Cu. SW	7	A.-Cu. SW	Cu.
26	SW	1	SW	1	E	1	N	1	Calm	----	Calm	----	7	Ci.-S. ESE	Cu.	4	Ci.-S.	Cu. ENE
27	SSW	1	SW	1	Calm	----	ENE	1	Calm	----	Calm	----	8	Ci.-S. N	S.-Cu.	8	Ci.-S.	Cu. NEbyE
28	Calm	----	Calm	----	Calm	----	W	2	WSW	1	SW	1	10	------------	N.	7	Ci.-S.	Cu. W
29	SW	2	SW	2	EbyW	1	Calm	----	Calm	----	SW	1	5	A.-Cu. W	S.-Cu.	6	Ci.-S. E	Cu.
30	SW	1	SbyW	1	NW	2	Calm	----	Calm	----	SW	1	4	Ci.-S. ENE	Cu.	9	Ci.-S.	S.-Cu. NW
Mean	-------	0.9	-------	0.8	-------	1.3	-------	1.4	-------	1.5	-------	0.6	7.6	------------	------------	7.4	------------	------------

SURIGAO.

[φ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

JULY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.41	59.86	59.88	57.71	57.31	58.26	58.74	24.7	24.5	30.5	32	29	25.2	27.6	33.3	23	91	96	72	63	78	82	80.3	------
2	58.20	58.34	57.60	56.03	57.03	58.54	57.62	24.1	24.6	30.5	31.1	29	26.2	27.6	32.3	23.1	88	95	74	68	81	84	81.7	------
3	57.51	57.67	57.64	55.95	56.89	58.30	57.33	25.4	25.4	31.5	32	29.1	26.4	28.3	32.9	24.2	88	93	69	63	81	84	79.7	------
4	57.87	58.53	58.71	56.87	57.44	59.27	58.12	25.2	24.9	31.3	32.2	29.4	25	28	33.3	24.1	88	94	73	61	75	80	78.5	------
5	58.59	58.39	59.30	58.14	57.85	59.20	58.58	24.6	25?	31	30	28	26.1	27.4	31.6	23.7	87	94	69	75	88	90	83.8	------
6	58.64	58.77	59.34	58.04	58.15	59.71	58.78	24.8	24.5	30.9	30.5	28.5	25.7	27.5	31.9	23.5	93	96	73	75	80	84	83.5	0.5
7	58.82	58.82	59.55	58.05	58.70	59.93	58.98	25.5	25	30.5	32.2	28.8	26.8	28.1	32.5	23.4	88	94	72	65	78	82	79.8	------
8	59.52	60.10	60.16	58.60	58.97	60.61	59.66	24.9	24.4	31	32.5	30.3	27.1	28.4	32.5?	23.2	87	91	72	66	79	83	79.7	------
9	59.84	59.69	60.65	59.15	59.51	60.56	59.90	25.3	25.4	29.9	30.4	29	26.1	27.7	31.3	23.8	88	94	-----	82	78	82	84.8	2.5
10	59.22	59.48	60.41	58.35	58.56	60.13	59.36	25	24.4	29.8	31.5	29	27	27.8	32.5	23.5	88	95	75	75	81	85	83.2	2.3
11	58.82	58.62	59.95	58.44	58.54	59.58	58.99	25.2	24.5	27	28.4	27	24.7	26.1	29.3	23.4	90	96	95	79	88	90	89.7	1.3
12	58.13	58.92	59.88	57.87	58.32	59.16	58.71	24.4	24	24	26.5	26	24.7	24.9	26.9	22.7	92	95	96	91	90	92	92.7	14.8
13	58	57.84	58.36	56.64	57.22	58.03	57.68	24.1	23.5	29.4	29.5	25.5	23.8	26	30.3	22.3	93	96	79	75	92	92	87.8	5.9
14	57.09	57.15	57.71	56.19	56.64	57.81	57.10	24.4?	23.4	28.9	29	28	26.3	26.7	31.2	22.1	93	95	82	81	83	87	86.8	.8
15	57.09	57.07	57.71	56.22	56.97	58.07	57.19	24.6	24.3	30.2	27.8	27.5	25.2	26.6	30.8	23.4	92	96	78	85	84	88	87.2	------
16	57.58	57.78	58.16	57.25	57.04	58.30	57.68	24.1	23.9	29	29.3	27.5	26	26.6	29.7	22.7	91	95	81	80	85	89	86.8	------
17	57.38	57.25	57.65	56.23	56.89	58.02	57.24	25.1	24.5	30.4	31.3	28.5	24.7	27.4	31.7	23.2	92	96	76	75	85	88	85.3	.3
18	56.85	56.99	56.94	55.49	56.36	57.61	56.71	24.6	24.5	31	32	29	25.6	27.8	32.9	23.4	93	97	75	72	81	85	83.8	.5
19	56.57	56.58	57.04	55.23	55.91	57.21	56.42	24.4	24.2	30.5	32.5	29	26.5	27.8	32.6	23	91	96	75	63	81	85	81.8	------
20	56.48	56.34	56.90	55.34	56.29	57.81	56.53	25.2	24.6	30.6	32	29.1	26.3	28	32.9	23.5	89	95	75	71	81	85	82.7	.5
21	57.06	57.11	57.76	56.49	57.71	59.75	57.65	25.5	25	30.4	31.5	29	25.8	27.9	32.1	23.8	90	95	69	63	71	76	77.3	.5
22	58.73	58.62	59.25	58.04	59.08	59.69	58.90	25.8	25	29	30.5	27.9	26.5	27.4	30.7	23.9	84	92	78	72	78	80	80.7	------
23	58.50	58.80	59.74	57.72	57.14	58.75	58.44	27	27	32	31.4	28.4	28.2	29	32.4	25.4	82	84	63	65	77	78	74.8	------
24	57.37	57.09	57.38	55.53	56.16	57.66	56.86	27.7	27.5	30.9	31.9	28.5	26.5	28.8	32.3	25.3	79	81	67	64	78	80	74.8	5.6
25	56.95	56.26	56.72	55.93	56.05	57.65	56.59	23.4	25.8	29.3	30.5	27.9	27.8	27.4	31.5	22.4	83	87	72	65	77	75	76.5	------
26	56.89	56.37	56.10	55.39	56.41	57.47	56.44	27.8	28	31	31	29	27.5	29	33.2	25.3	73	70	65	61	68	69	67.7	------
27	56.36	56.05	56.53	55.28	55.36	56.64	56.04	28.1	28.7	31	31.7	29	27.3	29.3	31.8	26.3	65	61	59	68	71	71	65.8	------
28	55.28	55.16	55.72	53.51	53.77	54.89	54.72	27	27	28	29	28.9	28.9	28.1	30	25.3	72	73	72	68	68	72	70.8	------
29	53.46	53.31	54	53.06	53.88	54.20	53.65	28.7	28.5	28.7	29.4	27.4	27.9	28.4	29.9	24.5	69	67	65	65	70	71	67.8	2
30	53.07	54.42	54.93	55.24	55.52	56.45	54.94	28.9	27	30	29.4	26.3	25.7	27.9	31.8	24.2	73	73	67	70	74	75	72	6.4
31	55.31	55.87	56.69	55.68	55.65	57.44	56.11	27.6	27	30.4	32	29	27.2	28.9	33.3	24.9	76	76	69	60	71	77	71.5	------
Mean	57.44	57.52	58.01	56.57	57.01	58.28	57.47	25.6	25.4	30	30.7	28.3	26.3	27.7	31.7	23.8	85.4	89	73.6	70.5	79.1	82	80	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	43.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	WSW	1	WSW	1	NW	1	Calm	----	Calm	----	Calm	----	4	Ci.-S. ENE	Cu.	6	Ci.-S.	Cu. NE
2	SSW	1	Calm	----	N	1	NW	1	Calm	----	Calm	----	6	Ci.-S. NW	S.-Cu.	4	Ci. E	Cu.
3	SSW	1	Calm	----	ENE	1	NNW	1	Calm	----	Calm	----	2	Ci.-S. ENE	Cu.	2	------------	Cu.
4	SSW	1	Calm	----	NNE	1	WNW	2	WNW	1	SSW	1	4	A.-Cu. ENE	S.-Cu.	2	------------	Cu. E
5	SW	1	WSW	1	NW	1	Calm	----	WNW	1	SbyW	1	2	Ci.S. E	Cu. WSW	10	Ci.-S.	S.-Cu. ESE
6	SSW	1	SSW	1	NW	1	SE	2	ESE	1	S	2	8	Ci.S. E	S.-Cu.	7	A.-Cu. SE	Cu. NE
7	Calm	----	SSW	1	E	1	E	1	E	1	Calm	----	6	A.-Cu.	S.-Cu. ENE	3	------------	Cu. E
8	SSW	1	SW	1	E	2	E	2	E	1	Calm	----	2	------------	Cu.	3	------------	Cu.
9	Calm	----	S	1	NbyE	2	E	2	E	2	Calm	----	5	A.-Cu.	Cu. E	7	A.-Cu.	Cu. ENE
10	Calm	----	Calm	----	E	2	NW	1	ENE	2	NE	1	9	Ci.-S.	Cu. EbyS	7	Ci.-S. N	Cu.
11	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	W	1	9	Ci.-S. SE	S.-Cu. E	10	Ci.-S.	S.-Cu. ESE
12	WSW	1	SWbyW	1	SbyW	1	Calm	----	NE	1	SbyW	1	9	A.-Cu.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. SE
13	SW	1	SW	1	NNE	1	NbyW	2	SSE	1	Calm	----	9	A.-Cu. E	S.-Cu.	6	------------	Cu. E
14	Calm	----	SSW	1	ENE	1	ENE	1	EbyN	1	Calm	----	9	Ci. NE	S.-Cu.	8	Ci.-S.	Cu. E
15	SSW	1	SSW	1	E	1	E	3	E	2	E	1	8	Ci.-S. NE	S.-Cu. SW	9	A.-Cu.	S.-Cu. E
16	SSW	1	SSW	1	E	1	NbyW	1	E	1	ENE	1	10	Ci.-S.	S.-Cu. ENE	10	------------	S.-Cu. NE
17	SSE	1	S	1	NbyE	1	ENE	3	NE	1	S	1	9	Ci.-S. E	S.-Cu.	8	Ci.-S.	Cu. E
18	SSW	1	SSW	1	WNW	1	NW	3	NW	1	SSW	2	6	Ci.-S.	Cu. E	5	Ci.-S.	Cu. SE
19	SW	1	SW	1	NW	1	EbyN	1	E	1	E	1	8	Ci.-S. E	Cu.	6	Ci.-S. SE	Cu.
20	SE	1	SE	1	Calm	----	NNW	2	Calm	----	SSW	1	4	Ci.-S. NE	Cu.	3	Ci.-S.	Cu.
21	SW	2	SW	1	NW	3	WbyN	3	WbyS	1	SSW	1	9	A.-Cu.	S.-Cu. E	6	Ci.-S. E	Cu.
22	SW	2	WbyN	1	WNW	2	WbyS	1	W	1	SW	1	10	Ci.-S. NE	S.-Cu.	10	Ci.-S. E	S.-Cu.
23	SW	2	WSW	1	WSW	3	W	3	Calm	----	WbyS	1	7	A.-Cu. NE	S.-Cu.WSW	9	A.-Cu. ESE	S.-Cu.
24	Calm	----	WbyS	1	W	3	SSW	3	WbyS	1	WSW	1	6	A.-Cu.	S.-Cu.WSW	9	Ci.-S.	S.-Cu.WSW
25	WSW	3	WSW	2	W	2	SWbyW	3	WSW	3	WbyS	3	8	A.-Cu.	Cu.-N. SW	9	A.-Cu.	Cu.-N.SWbyW
26	WSW	1	WSW	2	SWbyW	3	W	3	W	4	SW	3	8	A.-Cu.	Cu.-N.WSW	9	A.-Cu.	Cu.-N.WSW
27	WSW	3	WSW	3	W	2	WSW	3	W	2	SW	2	10	Ci.-S.	S.-Cu.WSW	10	A.-Cu.	S.-Cu.WSW
28	WSW	3	WSW	4	WbyS	3	WbyS	4	W	3	SW	5	10	A.-Cu.	Cu.-N.WSW	10	Ci.-S.	S.-Cu.WSW
29	SSW	5	W	3	WSW	3	W	4	SW	4	SW	3	10	------------	S.-Cu.WSW	10	Ci.-S.	S.-Cu.WSW
30	WSW	5	W	4	W	2	W	4	SW	4	SW	2	10	Ci.-S.	S.-Cu.WSW	10	------------	N.SWbyW
31	SW	3	WbyS	1	NW	2	WNW	2	W	2	Calm	----	10	Ci.-S.	S.-Cu. SW	7	A.-Cu.	S.-Cu. SW
Mean	-------	1.4	-------	1.2	-------	1.6	-------	2	-------	1.4	-------	1.2	7.3	------------	------------	7.3	------------	------------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

AUGUST, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.79	57.03	57.49	56.11	56.43	57.53	56.90	25.4	25	31	31.5	28.1	25.2	27.7	32.8	23.6	84	92	62	66	83	86	78.8	------
2	57.43	57.43	58.43	56.14	56.63	58.22	57.38	24.5	24	30.8	32.5	28.5	25.5	27.6	34.4	22.7	90	94	72	69	81	84	81.7	------
3	58.06	58.10	58.01	56.16	56.91	58.36	57.60	24.2	24.3	32.1	33.5	29	26.5	28.3	33.6	23	89	92	63	53	71	76	74	------
4	57.28	57.01	57.68	56.12	56.90	58.27	57.21	24.5	24.6	31.9	33	29.2	26.5	28.3	34.3	23.3	83	92	61	55	60	66	69.5	------
5	57.38	57.78	58.74	56.73	57.43	58.99	57.84	26.3	26.5	31.1	31.5	28	26	28.2	32.7	24.7	72	76	63	56	77	81	70.8	------
6	57.84	58.26	58.81	57.49	58.35	59.53	58.38	27.2	25.5	30	32.5	28.5	25.4	28.2	33.8	24.6	86	90	71	55	67	70	73.2	------
7	58.30	58.38	59.19	57.31	58	59.39	58.43	25.3	26.5	32.5	33	29	26.6	28.8	33.7	23.9	91	80	58	58	71	74	72	------
8	58.29	58.10	58.02	56.01	56.24	58.46	57.52	27.1	27	33	33	29.5	28.6	29.7	33.6	25.7	78	81	55	55	58	64	65.2	------
9	56.82	57.07	57.45	56.20	56.58	58.54	57.11	28	28	32.6	31.6	29.5	28.1	29.6	34.8	26.7	71	79	56	65	79	81	71.8	------
10	57.53	57.92	58.29	56.89	58.20	59.93	58.13	27.9	27.2	31.5	32.9	29	27	29.2	33.9	25.4	83	85	63	59	75	75	73.3	------
11	59.02	59.30	59.39	57.14	58.41	60.17	58.90	25.7	27.5	32.5	33.9	28.5	25.4	28.9	34.7	24.1	75	77	60	43	70	71	66	------
12	59.07	59.06	58.82	57.07	57	58.74	58.29	24.1	27.9	32	33.5	29	26.9	28.9	34	22.9	74	79	58	50	66	72	66.5	------
13	58.32	58.29	57.88	56.27	56.99	58.77	57.75	24.6	24.8	32.6	33.5	29.5	25.2	28.4	34.5	22.9	79	89	72	56	61	66	70.5	------
14	57.92	57.87	58.02	56.84	57.40	58.82	57.81	24.6	26	32.9	33.3	29.5	26.1	28.7	34.3	23.5	75	84	56	54	61	88	69.7	------
15	57.30	57.56	58.33	57.26	58.03	59.49	58	25	25	28	31	28.6	26.4	27.3	32.7	23.4	88	91	83	59	63	69	75.5	2
16	58.75	59.11	58.64	57.05	57.64	58.75	58.32	24.2	25.5	30.5	30.5	27.5	25.8	27.3	31.7	23.2	76	86	59	65	81	84	75.2	1.8
17	57.30	57.15	57.44	55.76	56.21	57.20	56.84	24.3	24.5	30.6	30.5	27.5	25.3	27.1	31.9	23.1	89	93	65	72	80	86	80.8	11.2
18	55.86	56.32	56.75	54.86	56.50	57.93	56.37	24.7	24.7	27.5	32	25.5	24.9	26.6	32.5	23.4	88	94	87	64	93	94	86.7	41.7
19	55.69	55.94	56.69	54.77	56.19	57.49	56.13	24.7	25	30	32.4	28	27.9	28	32.4	23.6	95	96	71	60	77	82	80.2	.5
20	55.89	56.29	56.51	55.68	56.64	57.73	56.46	25.6	25	31.4	31.4	28	25.4	27.8	33	23.6	87	92	57	66	77	80	76.5	------
21	56.83	56.83	57.31	55.99	56.81	58.75	57.09	24.8	25	32	33	29	26.9	28.4	33	23.5	85	92	66	58	78	82	76.8	------
22	57.66	57.56	57.73	56.33	57.23	58.38	57.48	25.2	24.9	31	31.9	28.5	25.7	27.9	33.5	23.8	87	92	65	61	78	82	77.5	------
23	57.21	56.81	57.75	56.13	56.71	58.57	57.20	24.8	24.5	31.9	32.5	29	25.7	28.1	33.7	23.3	88	94	55	55	71	76	73.2	------
24	57.64	57.41	58.46	56.39	57.46	59.11	57.74	24.4	24.5	31.7	30.4	26.5	25.4	27.2	33.4	23.3	83	92	70	73	88	89	82.5	------
25	58.12	58.53	58.84	57.47	58.74	60.44	58.69	24.3	24.4	31	31.4	28	25.2	27.4	32.6	22.7	91	92	69	64	77	81	79	------
26	59.49	59.73	59.78	57.60	58.65	60.90	59.36	25	24.5	29.9	31	27.5	24.6	27.1	31.5	22.8	87	93	72	68	79	83	80.3	7.1
27	60.33	60.27	60.85	58.71	59.41	60.94	60.08	23.4	23.9	28.2	31	27	24.4	26.3	31.4	22.3	89	94	79	59	77	82	80	------
28	59.93	59.82	60.31	58.34	58.94	60.55	59.65	24.3	24	32.1	31.9	28	25	27.6	32.7	22.8	88	96	66	61	77	82	78.3	------
29	59.78	59.41	59.48	57.64	58.01	59.45	58.96	24.3	24.2	31.5	32.9	29.4	26.5	28.1	33.2	22.8	88	95	60	58	72	77	75	------
30	58.66	59.06	59.09	57.44	57.34	58.46	58.34	25.3	25	31	31	28.4	26.2	27.8	32	23.9	84	92	65	65	77	89	78.7	------
31	57.88	58.11	58.91	56.79	57.59	58.57	57.98	24.7	24.6	30	30	28	26	27.2	32	23.2	86	92	68	71	80	83	80	17
Mean	57.88	57.98	58.36	56.67	57.41	58.92	57.87	25.1	25.3	31.1	32.1	28.4	26	28	33.2	23.6	84.2	89.2	65.4	60.4	74.4	79.2	75.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	81.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSW	1	SSW	1	Calm	----	NNW	2	W	1	Calm	----	10	A.-Cu. NNE	S.-Cu.	8	A.-Cu. SE	S.-Cu.
2	W	1	Calm	----	Calm	----	W	2	W	1	SW	1	4	A.-Cu. ENE	Cu.	6	Ci.-S. E	S.-Cu.
3	SW	1	SW	1	WbyS	3	WbyS	3	NW	1	SW	1	8	A.-Cu. E	Cu. SW	8	Ci.-S. NE	S.-Cu.
4	SW	1	SW	1	WbyS	3	WbyN	3	WSW	2	Calm	----	2	------------	S.-Cu.	3	A.-Cu.	Cu. WSW
5	SW	2	SW	1	SW	2	WSW	2	WSW	1	SW	1	10	Ci.-S. NE	S.-Cu.	10	Ci.-S. ENE	S.-Cu.
6	SW	2	Calm	----	NW	3	WbyN	3	NbyW	1	SW	1	10	A.-Cu.	S.-Cu.	10	A.-Cu.	S.-Cu. SE
7	SW	1	Calm	----	WSW	2	WNW	3	W	1	SW	2	5	A.-Cu. E	Cu.-N.	4	Ci.-S.	Cu. WSW
8	W	2	W	1	W	3	WbyS	3	WSW	2	SSW	2	6	A.-Cu. NE	Cu.	2	Ci. NE	Cu. WSW
9	SW	3	WSW	2	WbyS	3	W	3	WSW	2	SW	1	3	Ci.-S.	Cu. WSW	5	A.-Cu.	Cu. WSW
10	SW	3	WbyS	1	W	2	WbyS	2	WSW	2	SW	1	7	Ci.-S.	Cu. WSW	8	A.-Cu. ENE	Cu. WSW
11	SW	1	WbyS	2	S	2	W	2	WSW	1	SW	1	10	Ci.-S.	S.-Cu.	9	Ci.-S. E	S.-Cu.
12	SW	1	WbyN	2	WbyN	3	WbyN	3	SSW	2	SW	1	10	Ci.-S.	Cu.-N. WSW	8	Ci.-S. NE	S.-Cu.
13	SW	1	SW	1	WNW	2	NW	2	W	2	SW	1	7	Ci.-S.	S.-Cu. WSW	4	Ci.-S.	Cu. WSW
14	SW	1	Calm	----	W	3	W	3	Calm	----	SW	1	4	Ci.-S. E	Cu.	7	Ci.-S. ENE	Cu. W
15	SW	1	SW	1	Calm	----	WbyS	2	SW	2	SW	2	10	------------	S.-Cu. NEbyN	10	Ci.-S. NE	S.-Cu. N
16	WbyS	1	W	2	W	2	WNW	1	WbyS	1	SSW	1	10	A.-Cu. NNE	S.-Cu. WbyS	9	Ci.-S. SE	S.-Cu.
17	SW	1	SW	2	W	3	WNW	3	W	2	SW	1	10	A.-Cu. NE	S.-Cu.	8	A.-Cu.	Cu. WSW
18	SW	1	WbyN	1	Calm	----	WNW	2	S	2	S	1	9	A.-Cu.	N. WSW	7	A.-Cu.	Cu. SWbyW
19	SW	1	SW	1	NWbyW	2	W	2	WSW	2	WSW	2	7	Ci.-S.	Cu.-N. SWbyW	7	Ci.-S. ENE	Cu.
20	Calm	----	WSW	1	W	2	WbyS	2	Calm	----	SW	1	8	Ci.-S. ENE	Cu.	9	A.-Cu.	S.-Cu.
21	SW	1	WSW	1	W	2	NW	2	WbyN	1	SW	2	5	Ci.-S.	Cu. WSW	6	Ci.-S.	Cu. SE
22	SW	2	WSW	1	WbyS	2	WNW	2	W	1	W	1	10	Ci.-S. N	S.-Cu.	8	Ci.-S. E	Cu. W
23	W	1	WSW	1	WSW	2	NW	3	W	1	Calm	----	10	Ci.-S. NE	S.-Cu.	6	A.-Cu. E	Cu.
24	WSW	1	WSW	1	Calm	----	NW	1	SbyW	2	SW	2	9	Ci.-S. NE	S.-Cu.	10	Ci.-S.	Cu.-N. SE
25	SW	1	SW	1	NW	2	WNW	1	WbyS	1	Calm	----	10	Ci.-S. NE	Cu. SW	10	Ci.-S.	Cu.-N. SE
26	SW	1	SW	1	NW	1	WNW	3	SbyW	1	S	3	10	Ci.-S. E	S.-Cu.	6	A.-Cu.	Cu. WSW
27	S	1	Calm	----	WbyN	3	WNW	3	Calm	----	SW	1	8	A.-Cu.	S.-Cu. W	6	Ci.-S. NE	Cu.
28	SW	1	WbyS	1	Calm	----	NW	2	SSW	2	SSW	1	2	Ci.-S.	Cu. WSW	4	Ci.-S. SE	Cu.
29	SW	1	SW	1	NW	2	S	2	W	1	SW	1	6	Ci.-S. NE	Cu.	4	Ci. ENE	Cu.
30	SW	1	SW	1	N	1	NW	2	W	2	SW	1	10	Ci.-S. ENE	S.-Cu. NNW	10	Ci.-S. ENE	S.-Cu.
31	SW	1	Calm	----	W	2	NW	3	WbyS	2	SW	1	9	Ci.-S.	S.-Cu. W	8	A.-Cu.	Cu. WbyN
Mean	------	1.2	------	1	------	1.8	------	2.3	------	1.4	------	1.1	7.7	------------	------------	7.1	------------	------------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

SEPTEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.93	57.88	58.54	56.84	56.64	58.33	57.69	24	24.5	31.5	32.5	27.9	25.5	27.6	32.7	22.8	86	92	66	60	78	83	77.5	0.8
2	57.28	57.92	58.07	56.08	56.93	57.98	57.38	24.3	25	31	32.5	28.4	26.9	28	33.2	23.2	89	95	71	60	73	75	77.2	1
3	56.92	57.47	57.94	55.91	57.06	57.73	57.17	27.6	27.5	30.5	31.1	28.4	25.2	28.4	31.8	23.8	77	80	70	61	75	77	73.3	4.8
4	56.85	56.86	57.98	55.76	56.39	57.30	56.86	26.2	26.7	30.5	31.1	28	27.5	28.3	32.1	24.5	82	87	68	66	77	77	76.2	------
5	56.49	55.97	57.06	55.13	55.49	57.16	56.22	27.2	27.5	31.4	30	28	27.2	28.6	31.4	24.9	77	77	65	68	74	76	72.8	.8
6	56.33	55.70	55.83	54.74	55.58	56.94	55.85	26.8	27.5	33	32	28.5	27.2	29.2	33.8	24.8	78	81	64	58	77	75	72.2	------
7	55.50	55.36	55.76	54.43	54.99	57.14	55.53	27.6	28	31.5	30.5	28.5	28.4	29.1	32.8	25.8	75	74	61	66	74	74	70.7	------
8	55.85	55.66	55.89	54.33	54.89	56.59	55.54	27.4	28	32.5	31.5	28.7	27.9	29.3	34	26.2	73	74	54	57	72	77	67.8	------
9	55.53	55.78	56.65	55.46	55.91	57.45	56.13	26.1	25.6	31.6	32	28.5	27	28.5	34	24.2	82	88	53	59	71	72	70.8	------
10	56.39	56.22	57.53	55.69	56.15	57.19	56.53	27.8	27.8	31.5	32	28.8	28.1	29.3	33.2	26.2	75	77	66	59	72	74	70.5	------
11	56.07	56	56.81	55.34	56.05	56.29	56.09	28.1	27.9	31.5	32.3	28.7	27.9	29.4	34.3	26.7	76	78	62	61	69	71	69.5	------
12	55.99	56.37	56.94	55.28	55.96	57.73	56.38	27.3	28	30.9	31.3	28.4	25.5	28.6	32.9	24.3	74	77	72	63	75	79	73.3	5.1
13	56.45	57.46	58.09	55.90	56.80	57.50	57.03	26.5	25.5	30.4	31.2	28.5	26	28	33	24.2	86	92	72	64	78	81	78.8	------
14	57.44	57.48	57.96	56.73	57.52	59.15	57.71	25.1	25	33	30.3	25.5	25.1	27.3	33.8	23.7	85	90	59	70	91	92	81.2	8.1
15	58.66	58.56	58.36	56.86	57.89	59.49	58.30	24.8	24.8	28.5	30	28	26	27	30.3	23.7	94	97	81	75	80	85	85.3	9.9
16	58.90	58.90	59.98	58.49	58.90	59.71	59.15	24.4	24	30	29.5	26	25.1	26.5	30.8	22.9	90	96	73	78	92	93	87	------
17	58.52	58.33	58.80	56.85	57.93	59.26	58.28	24.2	24.5	29.4	31.4	28.5	26	27.3	32	23.2	95	96	75	79	81	85	85.2	13
18	58.44	58.12	59.32	56.51	57.84	59.62	58.31	24	23.5	29.9	31.4	28	26.7	27.2	31.9	22.3	91	96	69	68	85	88	82.8	------
19	58.24	58.29	58.64	56.50	57.66	59.14	58.08	25.4	25	32.8	32.5	28.8	27.5	28.7	33.7	23.5	92	96	68	66	79	84	80.8	------
20	58.04	58.53	58.94	56.54	57.75	58.60	58.07	25.3	24.2	32.8	33.6	29	26.4	28.6	34	22.9	90	96	65	64	81	84	80	.3
21	57.65	58.61	59.04	56.93	58.01	59.12	58.23	25.1	25.3	32.1	30.5	29	26.2	28	33.5	23.2	88	94	68	75	78	82	80.8	------
22	57.88	57.73	58.74	56.39	57.73	58.83	57.88	25	24.5	32	31.7	28	26	27.9	33.6	22.9	88	96	69	66	82	86	81.2	1
23	58.18	58.23	58.27	56.05	57.38	58.59	57.78	25	24.5	31	32.4	28.5	26.3	28	32.7	22.8	91	95	72	67	78	82	80.8	------
24	57.50	57.92	58.60	56.54	58.05	59.46	58.01	24.9	24	31.2	32	26.3	25.1	27.2	32.8	22.8	88	95	66	66	82	86	80.5	------
25	58.19	58.68	59.28	57.25	58.09	59.64	58.52	24.6	24	32.1	31.9	28.6	25.6	27.8	33	22.8	91	95	60	57	78	81	77	------
26	58.97	59.41	59.50	57.64	58.51	59.57	58.93	25.3	25	30.8	33	28	26	28	33.2	23.4	87	92	62	58	81	85	77.5	------
27	58.73	58.93	59.65	58.29	58.63	60.07	59.05	25	24.6	31	24.5	24.5	23.9	25.6	31.2	22.8	89	95	72	97	96	96	90.8	31.3
28	59.39	59.29	59.76	57.71	57.93	59.46	58.92	23.3	23.8	31	31.1	28.5	26	27.3	31.8	22	97	97	75	73	78	82	83.7	------
29	58.86	59.05	59.08	57.15	58.70	60	58.81	25.1	24.8	33	30	28.4	25.8	27.8	33.6	23.3	87	93	67	68	78	82	79.2	------
30	58.82	58.94	59.60	57.73	58.59	59.82	58.92	24.8	24.4	31.5	32	28.5	25.8	27.8	32.3	22.8	87	92	72	69	81	85	81	.3
Mean	57.53	57.66	58.22	56.37	57.20	58.50	57.58	25.6	25.5	31.3	31.3	28	26.3	28	32.8	23.8	85.3	89.4	67.2	66.6	78.9	81.6	78.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	76.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SW	1	SW	1	WNW	3	W	3	W	2	S	1	7	A.-Cu. E	Cu. WSW	5	Ci.-S.	Cu. WSW
2	SW	2	SW	2	SbyW	2	WbyN	2	W	1	SW	1	9	Ci.-S.	Cu.-N. WbyS	5	Ci.-S.	Cu. WSW
3	SW	3	WbyS	3	W	3	W	3	W	2	WNW	1	10	Ci.-S.	Cu.-N. WSW	10	Ci.-S. E	S.-Cu.
4	W	3	WSW	1	W	3	WSW	3	WSW	3	SW	3	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	S.-Cu. WSW
5	SW	3	WSW	3	WSW	3	WbyS	3	W	3	W	3	10	Ci.-S.	S.-Cu. WSW	9	A.-Cu.	S.-Cu. WSW
6	W	3	WbyS	2	WSW	3	W	3	WbyS	4	SW	3	9	A.-Cu.	S.-Cu. WSW	6	Ci.-S. NE	Cu. WSW
7	WSW	3	WSW	1	WSW	3	W	3	WSW	3	SW	2	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	S.-Cu. WSW
8	SW	3	WSW	3	WSW	3	W	3	W	3	SW	1	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	S.-Cu. WSW
9	SW	1	WbyS	1	W	3	WNW	2	WbyS	1	WSW	1	10	Ci.-S.	S.-Cu. WSW	8	Ci.-S.	Cu. WSW
10	WSW	2	WSW	2	WSW	2	SW	2	WSW	2	WSW	2	10	Ci.-S. NE	S.-Cu.	10	Ci.-S. NE	S.-Cu.
11	W	3	W	2	W	3	SW	2	SSW	3	SW	3	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S. NE	S.-Cu.
12	SW	2	WbyS	3	SW	3	W	3	WbyS	2	SW	1	9	A.-Cu.	Cu.-N. WSW	10	A.-Cu. NW	S.-Cu.
13	SW	2	W	1	WbyS	2	SW	2	WbyN	1	W	1	10	Ci.-S.	S.-Cu. WSW	10	A.-Cu.	S.-Cu. WSW
14	W	1	Calm	----	W	2	WbyS	1	SSW	2	W	1	10	Ci.-S. NE	S.-Cu.	8	Ci.-S.	Cu.-N. SE
15	W	1	W	1	Calm	----	N	1	ESE	2	S	1	10	Ci.-S. ENE	S.-Cu.	9	Ci.-S. SE	Cu.
16	SW	1	WbyS	1	Calm	----	E	2	EbyS	1	S	1	6	Ci.-S. SE	S.-Cu.	10	Ci.-S.	Cu.-N. NE
17	S	1	S	1	EbyS	2	SSW	1	EbyN	3	SSW	2	6	A.-Cu.	S.-Cu. ENE	8	------------	S.-Cu. ENE
18	SSW	1	Calm	----	NbyW	2	NbyW	2	NbyW	1	SE	1	9	A.-Cu. E	S.-Cu.	7	Ci.-S. NE	Cu.
19	SSW	1	SW	1	E	3	E	3	E	2	SE	1	10	Ci.-S. NW	S.-Cu.	7	Ci.-S.	Cu. E
20	SSW	1	SW	1	E	3	E	1	EbyN	2	SE	1	7	Ci.-S.	Cu.	4	Ci.-S.	Cu. ESE
21	SbyW	1	SbyW	1	E	3	NNW	1	ENE	3	S	1	9	A.-Cu.	S.-Cu. E	7	Ci.-S.	Cu.-N. ENE
22	SSW	1	SW	1	E	3	EbyN	3	E	2	ESE	1	8	Ci.-S. ENE	Cu.	7	Ci.-S. SE	Cu.
23	SE	1	SSE	1	NNE	1	NbyW	2	ESE	2	S	1	5	Ci.-S. ESE	Cu.	4	Ci.-S.	Cu. ENE
24	S	1	SW	1	NbyW	3	WNW	3	SW	2	SSW	1	4	Ci.-S. E	Cu.	3	Ci.-S.	Cu. WSW
25	SSW	1	SSW	1	Calm	----	WbyN	2	WbyS	2	SSW	1	7	Ci. E	S.-Cu.	5	Ci.-S.	Cu. SW
26	SW	1	WbyS	1	NW	2	WbyN	2	W	1	SbyW	1	6	------------	Cu. W	7	Ci.-S. E	Cu.
27	SW	1	SW	1	NbyW	2	SbyW	1	S	1	SbyW	1	6	Ci.-S. NE	Cu.	10	------------	S. ESE
28	SW	1	SW	2	E	1	NbyE	1	E	2	ESE	1	6	Ci.-S. NNW	Cu.	7	Ci.-S.	Cu. E
29	S	1	Calm	----	EbyN	2	Calm	----	EbyN	2	SSW	1	9	Ci.-S.	Cu. E	7	Ci.-S. W	Cu. ENE
30	SW	1	Calm	----	NE	1	NNW	2	Calm	----	SW	1	2	Ci.-S.	Cu. SE	7	Ci.-S.	Cu.
Mean	-------	1.6	-------	1.3	-------	2.2	-------	2.1	-------	2	-------	1.4	8.1	------------	------------	7.7	------------	------------

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

OCTOBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.63	59.04	59.33	56.93	57.90	58.82	58.44	25	25.3	31	30	28	26.2	27.6	32.3	23.8	99	96	56	72	82	85	81.7	1.8
2	57.14	57.46	57.54	55.21	56.07	57.37	56.80	25	25.5	30.5	31.5	27.4	25.9	27.6	31.8	23.7	90	95	72	61	84	88	81.7	28.4
3	55.61	56.66	57.09	54.42	55.92	57.18	56.15	25.6	25.5	26.5	27.9	27.1	26	26.4	28.2	24.3	92	96	89	81	81	79	86.3	13.5
4	55.69	56.20	57.01	54.96	55.89	56.80	56.09	25.9	26.9	28	28.8	27.4	27.4	27.4	28.8?	24.4	78	77	77	75	78	78	77.2	-----
5	55.81	56.42	56.59	54.66	55.82	56.52	55.97	27.2	27.6	30.5	30.5	28	26.8	28.4	32	25.5?	78	79	71	68	77	79	75.3	5.1
6	55.83	56.04	56.49	54.31	55.22	56.06	55.66	26.1	26.5	30.5	30.5	27.9	27.7	28.2	31.8	23.8	81	84	68	65	74	75	74.5	-----
7	55.19	55.41	56.14	54.70	55.41	56.56	55.57	27.7	27.7	31	31	27.9	27.5	28.8	31.2	25.8	75	76	62	62	77	80	72	1.3
8	55.92	56.18	57.43	55.61	55.97	56.89	56.33	26.7	25.5	28	26.3	26.4	25.7	26.4	28.7	24	83	84	74	85	79	83	81.3	3.8
9	56.29	57.19	57.74	55.54	56.50	58.15	56.90	24.2	24.4	29	29.5	27.7	25.8	26.8	31.5	23	87	92	76	75	83	86	83.2	-----
10	57.36	58.06	58.86	56.82	58.01	59.56	58.11	24.8	25	32.6	33	28.5	27.5	28.6	33.2	23.8	90	95	68	64	81	84	80.3	-----
11	59.21	59.57	60	58.24	59.29	60.31	59.44	25.2	24.9	31.5	31.1	28.9	25.5	27.8	34.4	23.3	86	88	69	71	78	83	79.2	3.8
12	59.69	59.53	60.22	58.24	58.46	58.34	59.08	24.8	24.4	24.9	25.3	24.3	24	24.6	26.8	23.1	89	95	93	93	96	96	93.7	27.8
13	57.82	58.09	58.33	56.08	56.81	58.27	57.57	23.8	24.3	25.7	27.5	24.8	24.4	25.1	28.8	22.6	97	97	93	81	92	93	92.2	15
14	57.41	57.85	58.11	56.13	57.46	58.72	57.61	23.6	23.5	30.5	32	26.5	24.4	26.8	33.8	21.8	94	95	72	63	85	88	82.8	10.4
15	57.98	58.34	58.35	56.89	58.23	59.66	58.24	24.6	24.5	29.5	30	28.5	24.7	27	33.4	23.2	92	96	78	73	81	84	84	7.9
16	58.79	58.97	58.57	56.61	58.24	59.41	58.43	24.2	24.5	29.5	31.3	29.3	26.1	27.5	32.5	23	89	93	75	66	78	82	80.5	-----
17	58.17	58.08	58.74	56.38	57.16	58.16	57.78	24.8	24.5	30.8	31.4	28	24.5	27.3	33.1	23.1	87	92	68	63	82	86	79.7	4.6
18	57.21	57.96	58.65	56.39	56.59	58.05	57.48	23.9	25	28.9	30	27.1	25.6	26.8	31.5	23.5	91	96	86	75	80	84	85.3	18.3
19	57.21	57.67	58.34	56.15	57.12	58.39	57.48	25.2	25	29	29.3	26.9	26	26.9	31.9	23.8	90	96	85	84	88	91	89	17.8
20	57.81	58.32	58.85	55.90	57.24	58.28	57.73	25.6	25	28.9	30	27.5	25.6	27.1	31.5	23.9	94	98	85	77	84	88	87.7	5.9
21	57.34	57.61	58.42	56.38	55.46	56.82	57	25	25	26.5	27	25.7	26.5	26	31.5	23.7	92	97	88	80	93	93	90.5	6.4
22	55.32	55.51	55.97	53.27	54.29	54.50	54.81	26.6	26	26.1	28	25.1	27.2	26.5	28.7	23.4	92	91	86	84	92	89	89	41.2
23	53.40	53.81	55.21	53.33	54.62	55.64	54.34	26.1	27.1	30	31.6	27.5	28	28.4	33.5	24.7	85	82	79	75	84	88	82.2	-----
24	55.10	55.46	55.53	53.88	54.57	56.20	55.12	26.3	25.1	32	31.5	26.8	26.2	28	33.5	23.8	92	96	74	79	92	93	87.7	3.8
25	55.13	55.87	55.54	53.58	54.67	56.12	55.15	25.3	25.5	30.6	31.2	28	28.6	28.2	33.5	24	93	95	78	84	91	89	88.3	-----
26	55.07	55.72	56.55	54.68	55.74	56.75	55.75	28	27.8	30.8	31.5	28.3	27.9	29	33.1	26.3	87	84	81	80	88	89	84.8	-----
27	55.98	56.41	57.45	55.06	55.88	57.02	56.30	27.9	27.7	30.2	30.5	28.5	28	28.8	32.9	26.5	89	90	87	88	88	88	88.3	-----
28	56.02	56.22	56.51	54.49	55.46	56.30	55.83	27.9	28.5	31	30.5	28.5	28.6	29.2	32.3	26.8	88	88	84	79	73	72	80.7	-----
29	55.60	56	57.31	55.81	56.72	58	56.57	28.2	28	30	31	28.3	27.9	28.9	32.3	26.2	71	70	65	65	70	76	69.5	-----
30	56.88	57.96	58.66	55.99	57.13	58.60	57.54	26.7	25.9	30	32.4	28.5	25.4	28.2	35.1	24.5	82	88	78	73	81	83	80.8	-----
31	57.54	58.47	58.63	56.33	57.60	59.10	57.94	25.6	25.5	31.5	31	28.6	26.1	28	34.4	24.3	86	88	70	72	73	79	78	-----
Mean	56.71	57.16	57.68	55.58	56.50	57.63	56.88	25.7	25.7	29.5	30.1	27.5	26.4	27.5	31.9	24.1	87.7	90	77	74.6	82.7	84.9	82.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	216.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SW	1	WSW	1	WNW	1	WbyN	2	W	1	WSW	2	8	Ci.-S. NE	Cu. NW	10	Ci.-S.	S.-Cu. NW
2	WSW	1	WbyN	2	WbyS	2	W	3	NW	2	SW	1	9	A.-Cu. NE	S.-Cu.	9	Ci.-S.	S.-Cu. W
3	W	2	WNW	1	W	2	WbyS	3	W	2	SSW	3	10	-----	N. W	10	-----	S.-Cu. WSW
4	SSW	2	W	3	WSW	2	W	3	WSW	2	SW	2	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	S.-Cu. WSW
5	SW	3	WbyS	2	WSW	3	SW	3	SW	2	SW	1	9	A.-Cu. SWbyW	S.-Cu. SW	7	A.-Cu. WSW	Cu. SWbyW
6	SW	1	WSW	2	SW	3	WSW	3	SW	2	SW	2	9	A.-Cu. ENE	S.-Cu. WSW	9	Ci.-S.	Cu. SWbyW
7	SW	2	WSW	2	WSW	2	WSW	1	SW	3	SSW	1	8	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	S.-Cu. SWbyW
8	SW	2	WSW	3	WbyS	3	WbyS	3	WSW	2	SW	1	10	-----	S.-Cu. SWbyW	10	Ci.-S.	S.-Cu. WSW
9	SW	1	SW	1	NW	1	WNW	2	SW	2	SSW	2	10	Ci.-S.	S.-Cu. NW	9	A.-Cu.	S.-Cu. NE
10	SW	1	SW	1	E	2	E	3	E	2	Calm	-----	9	A.-Cu. SE	Cu.	4	A.-Cu.	Cu. E
11	SSW	1	SSW	1	E	2	N	2	ENE	4	SSW	1	8	Ci.-S.	Cu. ESE	6	Ci.-S. SE	Cu. ENE
12	SSW	1	SW	1	SW	1	ESE	1	Calm	-----	SSW	1	10	A.-Cu. NE	S.-Cu. N	10	-----	S. ESE
13	SW	1	WSW	1	SSW	1	WSW	2	W	1	S	1	10	-----	N. N	10	Ci.-S.	S.-Cu. W
14	SSW	1	Calm	-----	E	2	E	2	NE	1	S	1	10	Ci.	S.-Cu. EbyS	7	Ci.-S.	Cu. SSE
15	S	1	S	2	ESE	2	NNE	1	Calm	-----	SE	1	10	-----	S. SSW	9	Ci.-S.	Cu. S
16	SSW	1	SSW	2	Calm	-----	N	1	ENE	1	SE	1	9	A.-Cu. NE	S.-Cu.	2	Ci.-S.	Cu. SE
17	SW	1	SW	1	NW	2	NNW	1	Calm	-----	NW	1	6	-----	Cu. NW	3	Ci.-S.	Cu. NW
18	SE	1	SSW	1	ESE	1	NNW	1	ENE	3	SW	1	6	A.-Cu. NE	S.-Cu.	5	A.-Cu. E	Cu. NNE
19	SW	1	Calm	-----	NW	2	Calm	-----	SE	1	SSW	1	6	A.-Cu.	S.-Cu. ENE	8	-----	Cu.-N. NEbyE
20	SSW	1	SSW	1	NbyE	2	NW	1	EbyN	3	SE	1	10	-----	S.-Cu. ENE	6	-----	Cu. NE
21	SE	1	SE	2	NNW	2	Calm	-----	WbyN	2	WbyN	2	10	-----	S.-Cu. NW	10	Ci.-S.	S.-Cu. NE
22	WbyN	3	WbyN	2	WbyN	3	WbyS	4	WSW	4	SW	4	10	-----	S. NW	10	-----	S.-Cu. WbyS
23	SW	3	SW	3	SSW	2	SW	3	SW	3	SW	3	10	-----	S.-Cu. SWbyW	7	A.-Cu.	Cu. SW
24	SSW	1	SSW	1	WNW	2	WbyN	2	W	3	S	1	8	Ci.-S.	Cu. SW	8	Ci.-S.	Cu. SWbyW
25	SSW	1	SSW	1	WbyS	2	WNW	3	SW	3	SW	3	10	A.-Cu.	S.-Cu. SW	8	A.-Cu. ENE	Cu. WSW
26	SW	3	WbyS	3	WSW	3	WSW	3	W	2	WbyS	2	3	A.-Cu.	Cu. WSW	8	Ci.-S. NE	Cu. WSW
27	WbyS	3	WbyS	2	WbyS	3	WSW	3	SW	3	SW	1	10	Ci.-S. NE	S.-Cu. W	9	Ci.-S. NE	Cu.
28	WSW	3	WSW	3	WSW	4	SSW	3	SW	3	SSW	3	10	Ci.-S.	S.-Cu. W	10	-----	S.-Cu. WbyS
29	SW	2	SW	2	SSW	5	WSW	3	WSW	2	SW	3	9	A.-Cu. SW	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
30	Calm	-----	WSW	1	E	3	NW	1	SE	1	SbyW	1	9	Ci.-S.	S.-Cu. SW	7	Ci.-S. SE	Cu. SWbyS
31	WSW	3	WSW	2	E	3	NNE	1	Calm	-----	SSW	1	10	Ci.-S.	S.-Cu.	10	Ci.-S. S	S.-Cu. SE
Mean	-----	1.6	-----	1.6	-----	2.2	-----	2.1	-----	1.9	-----	1.6	8.9	-----	-----	8.1	-----	-----

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

NOVEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.34	58.88	59.14	57.06	57.73	59.01	58.36	25	25.2	30.2	31	28.5	27.1	27.8	32.2	23.6	85	92	80	82	86	89	85.7	------
2	57.34	57.67	58	54.99	56.03	55.20	56.54	25.7	24.5	29	29.5	24.5	26.3	26.6	32	23.2	92	96	75	79	99	99	90	58.9
3	54.55	54.71	55.16	54.95	56.75	58.08	55.70	25	26	28.5	30.4	27.6	25.3	27.1	31.5	22.9	99	99	69	66	80	84	82.8	.3
4	58.01	59.05	59.95	57.48	59.09	59.93	58.92	24.3	24.5	31	31.5	28.6	27.3	27.9	33.5	22.8	88	94	75	81	83	86	84.5	------
5	58.81	59.08	58.93	56.96	57.60	58.74	58.35	27.1	25.9	32	31	28.5	26.3	28.5	33.6	23.8	89	93	70	78	78	82	81.7	1.3
6	57.88	58.12	58.49	56.50	57.49	58.59	57.84	24.4	23.9	30	30.5	28.2	25.2	27	32.3	22.4	88	96	77	75	80	83	83.2	------
7	57.36	57.82	58.11	56.25	57.19	58.62	57.56	24.4	23.9	29.4	30.6	28.3	26.4	27.2	32	22.8	89	96	75	70	83	87	83.3	.5
8	57.51	58.09	58.76	56.75	57.59	58.40	57.85	25.1	24.6	28.4	30.5	28	26	27.1	31.8	23.3	92	96	81	78	85	88	86.7	.5
9	57.52	57.93	58.10	55.45	56.67	58.11	57.30	25	24.5	30.2	31.1	27.9	24.9	27.3	32.6	23.6	92	96	70	64	82	85	81.5	10.1
10	57.57	57.08	58.47	56.34	56.83	58.11	57.40	24.2	24	29	28	25.9	24.9	26	31.7	23	90	95	79	81	93	92	88.3	.3
11	57.39	58.38	58.95	56.96	58.26	59.14	58.18	24.2	25	30.6	30	27.3	26.2	27.2	32.9	23.1	91	92	74	74	88	90	84.8	------
12	58.19	58.73	59.23	57.04	58.60	59.66	58.58	24.8	24.4	31.9	31.5	28.5	26	27.8	34.4	22.9	92	95	79?	79	86	88	86.5	.5
13	58.93	60	60.50	57.74	58.96	59.81	59.32	24.7	24.5	29.1	27.9	27.5	25.7	26.6	33.6	23.5	90	92	82	77	84	88	85.5	1.5
14	59.38	60.26	61.20	58.61	59.54	60.42	59.90	24.7	24.5	25.8	27.3	27	25.1	25.7	32.1	23	92	96	94	87	84	88	90.2	6.1
15	59.52	59.81	60.26	57.78	58.31	59.09	59.13	25	24.4	28.8	30	26.5	25.2	26.6	32.3	22.9	92	96	82	77	86	89	87	5.3
16	58.16	58.62	59.25	57.07	57.88	58.64	58.27	24.8	24.4	28	27.8	26.6	24.8	26.1	30.8	23.2	92	96	85	85	93	93	90.7	4.9
17	57.74	58.34	58.88	56.54	57.60	58.93	58	24	24.3	27.2	29.7	28	25.3	26.4	31.5	23.3	94	96	86	75	81	82	85.7	.3
18	58.12	59.30	60.27	58.84	59.04	60.10	59.28	24.5	26.1	27	26	26.4	25.4	25.9	27.5	22.7	84	88	83	80	86	89	85	1.6
19	59.10	59.80	60.55	59.01	59.53	60.10	59.68	26.3	23.7	26.3	24.4	24.3	24.1	24.8	29.9	22.2	93	96	92	92	91	93	92.8	36.5
20	58.87	59.24	59.75	57.63	58.15	59.03	58.78	23.4	23.5	29.5	27	25.7	24.3	25.6	31.3	21.9	95	96	85	88	85	88	89.5	23.8
21	57.70	58.25	59.19	56.76	57.52	58.28	57.95	23.3	23.5	25.5	27.8	24.8	23.9	24.8	30.4	21.9	91	96	89	83	95	94	91.3	10.6
22	56.59	57.10	57.93	55.88	56.87	57.57	56.99	23.8	24.5	29	26.5	26.4	25.1	25.9	31	22.8	93	92	81	88	90	92	89.3	9.7
23	56.78	57.29	57.68	55.45	56.31	57.61	56.85	24.2	23.9	28.4	29.5	26.4	24.9	26.2	30.7	22.5	95	97	80	77	89	91	88.2	------
24	56.65	56.88	57.51	55.47	56.16	56.78	56.58	24.4	24	29.4	30	27	25.3	26.7	31.6	22.9	93	96	76	71	92	93	86.8	------
25	55.99	56.70	57.09	54.89	55.88	56.80	56.22	24.8	24.5	31	32.2	27.8	25.8	27.7	34.5	23.2	95	96	71	68	84	88	83.7	------
26	55.73	55.76	56.41	54.44	56.03	57.06	55.90	24.8	24.5	31.3	31.5	28.5	26.5	27.8	32.9	23.4	92	96	70	69	84	87	83	------
27	56.06	57.06	57.60	55.11	55.84	57.30	56.50	25.5	24.6	31.7	30.5	28	26	27.7	32	23.6	91	96	69	73	85	88	83.7	1.8
28	56.62	57.13	57.71	55.84	56.75	57.53	56.93	25.3	25	29	30	27	25.7	27	33.6	23.6	92	96	74	78	88	90	86.3	5
29	57.17	57.61	58.40	56.40	57.47	58.83	57.65	25.3	25	28.5	29	28.2	26.6	27.1	31	23.8	93	96	81	81	85	89	87.5	1.8
30	57.71	58.08	58.80	56.76	57.74	58.81	57.98	25.3	24.5	29.5	29.4	28	26.1	27.1	32.1	23.4	93	96	75	81	84	88	86.2	1.3
Mean	57.58	58.09	58.68	56.56	57.51	58.48	57.82	24.8	24.5	29.2	29.4	27.2	25.6	26.8	32	23	91.6	95.1	78.6	77.9	86.3	88.8	86.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	182.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SW	1	SW	1	NW	1	NNW	2	NE	3	NE	3	9	Ci.-S.	S.-Cu. NNW	8	Ci.	Cu. ENE
2	NW	1	WNW	1	NNW	2	NbyW	3	SE	2	SW	3	9	Ci.-S. E	Cu.	10	Ci.-S.	S.-Cu. NNW
3	SW	2	SW	3	SW	3	SSW	2	SE	1	SE	1	10	------------	S.-Cu. WSW	9	A.-Cu.	S.-Cu. S
4	SSW	1	SW	1	E	2	E	3	E	1	SE	1	3	Ci.-S.	S.-Cu. SW	4	Ci.-S.	Cu. ENE
5	E	3	E	1	E	2	NNW	3	NE	3	ESE	2	4	------------	Cu. NE	3	------------	Cu. NE
6	SSW	1	SSW	1	E	1	NE	3	ENE	2	SE	1	3	------------	Cu. ENE	6	Ci.	Cu. ENE
7	SSW	1	SSW	1	NE	1	NNW	3	NNW	2	SW	1	4	Ci.-S. ESE	Cu.	4	Ci.-S. E	Cu.
8	SSW	1	SSW	2	NW	1	NNW	3	Calm	----	SE	1	4	Ci.-S. E	Cu.	6	Ci.	Cu. NE
9	SW	1	SW	1	NW	2	WbyS	2	SW	1	WSW	1	4	A.-Cu.	Cu. NW	8	Ci.-S.	Cu. W
10	SW	2	SW	1	ESE	1	E	1	Calm	----	SSW	1	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SSW
11	SSW	1	SSW	1	E	3	E	3	SSE	1	Calm	----	9	A.-Cu. SSE	S.-Cu.	6	Ci.-S.	Cu. ESE
12	SSW	1	WSW	1	E	2	NE	1	ENE	3	ENE	1	3	Ci. ENE	Cu.	4	------------	Cu. E
13	NW	1	W	2	E	2	NbyW	3	ENE	2	E	1	9	A.-Cu.	N. NE	8	Ci. NW	Cu. NE
14	SE	1	SE	1	EbyN	2	E	1	ENE	2	SE	1	9	A.-Cu.	S.-Cu. NE	7	A.-Cu.	Cu. E
15	SE	1	SE	1	NbyW	1	NNW	2	SE	1	SE	1	6	A.-Cu.	S.-Cu. NE	6	Ci.-S.	Cu. NEbyE
16	SSW	1	SSW	1	N	1	NbyW	2	ENE	1	SSW	1	4	Ci.-S.	Cu. NEbyE	6	Ci.-S.	Cu. NEbyE
17	SSW	1	SSW	1	EbyS	1	N	2	ENE	2	SSW	1	9	Ci.-S.	S.-Cu. NNE	4	Ci.-S.	Cu. NE
18	WSW	1	NNW	1	NE	1	ENE	1	NbyW	1	SSW	2	10	------------	S.-Cu. NE	10	Ci.-S.	S.-Cu. NNE
19	SSW	1	ESE	1	ESE	2	ESE	2	E	1	S	1	8	------------	S.-Cu. NE	10	------------	N. ESE
20	SSW	1	SSW	1	NE	2	NbyE	1	ENE	3	SbyW	2	9	------------	S.-Cu. NE	10	------------	N. NE
21	SSW	1	SSW	1	ENE	1	NE	2	S	1	S	1	8	A.-Cu.	S.-Cu. NE	10	------------	S.-Cu. NE
22	E	1	EbyN	3	E	1	N	2	NNW	1	SSW	1	9	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. WSW
23	SW	1	SW	1	WSW	1	NbyW	2	Calm	----	W	1	7	A.-Cu.	Cu. SW	6	A.-Cu. E	Cu.
24	SW	1	SW	1	NW	1	NNW	2	N	1	SSW	1	9	Ci.-S.	S.-Cu. SW	6	A.-Cu.	Cu.-N. S
25	SSW	1	SSW	1	E	2	E	3	EbyS	1	E	1	4	Ci.-S. NW	Cu.	5	A.-Cu. SE	Cu. E
26	ESE	1	SE	1	E	3	E	2	E	3	ESE	1	4	Ci.-S. S	Cu.	5	Ci.-S.	Cu. NE
27	SSW	1	SSW	1	E	2	NbyW	1	ENE	3	ESE	1	6	Ci.-S.	Cu. SE	2	------------	Cu. ENE
28	ESE	1	ESE	1	EbyN	1	Calm	----	SE	1	Calm	----	7	Ci.-S.	S.-Cu. ENE	6	Ci.-S.	Cu. ENE
29	S	1	S	1	NW	1	NbyW	3	ENE	3	ENE	1	10	Ci.-S.	S.-Cu. ENE	7	Ci.-S.	Cu. E
30	E	1	E	1	E	1	NNE	2	ENE	2	ENE	1	9	Ci.-S. W	Cu. N	7	Ci.-S.	Cu. ENE
Mean	-------	1.1	------	1.2	-------	1.6	-------	2.1	-------	1.6	-------	1.2	7	------------	------------	6.8	------------	------------

SURIGAO.

[φ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

DECEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p m	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.72	58.23	58.81	56.51	58.07	59.11	58.08	24.7	23.9	29	29.7	28	25.6	26.8	31.5	22.8	92	97	74	78	85	88	85.7	0.8
2	57.82	58.04	59.04	56.15	57.42	58.12	57.76	24.4	23.4	29	28.8	27.5	26.3	26.6	30.3	22.2	96	97	78	78	84	80	85.5	3.6
3	56.68	57.44	58.43	56.30	57.19	58	57.34	25.3	24.8	27	27.5	25.6	24.6	25.8	28.3	23.2	92	96	84	82	93	91	89.7	8.6
4	56.53	56.86	58.26	56.02	57.20	57.95	57.14	25	25.6	26.1	27.1	24.5	24.2	25.4	27.7	21.9	89	88	91	80	86	89	87.2	46.1
5	56.59	56.13	55.18	52.51	52.76	53.54	54.45	22	22	23.4	25.8	25.2	25	23.9	27	20	92	96	90	89	88	87	90.3	44.4
6	52.10	52.65	52.99	51.93	52.62	54.01	52.72	25	24.8	25.8	27.5	27.2	26.8	26.2	28.7	23.4	85	79	81	70	77	78	78.3	1.8
7	54.09	54.66	56.09	54.12	55.11	56.51	55.10	25.9	25.4	29.5	32.3	28	26.4	27.9	34.1	23.8	81	80	70	47	70	81	71.5	------
8	56.31	56.36	56.93	55.08	56.51	57.42	56.44	25.2	24.1	30.6	30.5	27.4	24.7	27.1	32.2	23.3	89	95	71	66	81	94	82.7	------
9	56.98	57.17	57.79	55.69	56.79	57.51	56.99	24.2	23.8	29.7	30.5	27.2	25	26.7	32	22.9	97	96	65	63	80	92	82.2	------
10	56.81	57.48	57.81	55.97	56.96	57.62	57.11	24	25.4	27.3	27.4	25.7	24	25.6	28.3	23.1	95	92	79	77	89	93	87.5	------
11	56.91	57.12	57.83	56.19	56.69	58.18	57.15	23.5	23	29.3	28.5	26.5	24	25.8	30.8	22.3	93	97	75	75	86	95	86.8	------
12	56.89	57.85	58.12	55.55	56.57	57.81	57.13	23.4	23.2	29.5	31.3	26.9	24.6	26.5	32.5	22.3	97	97	70	66	82	93	84.2	------
13	56.98	57.63	57.86	55.49	56.47	57.81	57.04	24.1	23.5	29.7	30.4	26.6	24.3	26.4	32.4	22.7	97	96	67	62	83	92	82.8	1.3
14	56.70	57.55	58.16	56.13	57.39	57.97	57.31	23.8	24.6	29.9	30.4	27.3	24.9	26.8	31.9	22.5	95	89	69	70	82	91	82.7	------
15	57.08	57.54	58.44	56.55	57.22	58.45	57.55	24	23.3	29.4	30.1	28	27.1	27	31.6	22.5	95	97	75	71	81	83	83.7	------
16	57.98	58.61	59.04	57.60	58.09	58.99	58.38	25	24	28.9	26.2	26	24.5	25.8	30.3	23.4	93	96	76	86	90	94	89.2	3.9
17	58.09	58.30	59.30	56.77	58.31	59.03	58.30	24.1	23.3	28.5	29.7	27.4	26.2	26.5	30.9	22.5	95	97	85	71	78	85	85.2	4.4
18	58.27	58.33	59.64	57.66	58.02	59.06	58.50	24.5	24.3	26.5	24.8	25.2	25.5	25.1	29.3	23.1	96	97	82	95	91	91	92	22.3
19	58.32	58.77	59.91	58.18	58.44	59.57	58.86	25.4	24.3	25.3	25	24.7	24.1	24.8	26.4	23	91	97	95	91	96	96	94.3	25.1
20	58.90	59.25	60.36	58.37	58.93	59.79	59.27	23.8	23.2	28.1	27.4	26.9	25	25.7	30.4	22.4	97	98	82	86	88	93	90.7	10.6
21	59.01	59.66	60.22	57.87	58.48	59.31	59.09	24.3	25.5	28.3	27.2	27	26.1	26.4	30.9	23	96	96	83	90	90	93	91.3	1.8
22	57.48	58.23	59.30	56.97	58.17	58.58	58.12	25.1	25.7	28.6	28.7	26	25.3	26.6	29.6	23.7	98	91	80	81	92	94	89.3	22.1
23	57.38	57.91	59.72	57.28	58.29	59.30	58.31	24.8	25	23.9	25.5	25.3	25.8	25	26.7	23	97	95	93	92	93	90	93.3	25.4
24	57.93	58.05	58.92	57.36	57.42	58.84	58.09	23	21.8	28.9	25.7	25.6	25.1	25	31.4	21.2	95	98	80	92	89	91	90.8	6.6
25	57.38	57.85	58.43	56.18	57.78	57.94	57.59	24.6	23.8	27.4	27.7	26.7	26.2	26.1	28.9	22.9	93	97	87	82	88	90	89.5	2.5
26	57.22	58.03	58.78	56.54	57.33	57.86	57.63	26.1	25.5	27.5	28.4	26.2	24.3	26.3	30	23.5	93	96	88	83	85	97	90.3	3.1
27	56.83	57.28	57.72	55.36	56.72	57.01	56.82	23.8	23.5	28.9	28.7	27	26.2	26.4	30.6	22.7	97	97	81	83	86	89	88.8	1.3
28	55.94	56.79	57.39	55.31	56.59	57.76	56.63	24.3	23.8	30.5	30.8	28	25.3	27.1	32.5	22.9	96	98	74	71	85	93	86.2	------
29	57.16	57.18	57.81	55.89	57.41	58.29	57.29	24	23.3	30.9	30.5	28	25.4	27	31.9	22.5	97	97	71	74	86	95	86.7	------
30	57.11	58.13	59.14	56.85	58.48	58.91	58.10	24.5	24.9	29.4	28.2	26.4	25	26.4	31	23.6	96	97	76	85	92	93	89.8	.5
31	57.68	57.99	59.36	56.44	56.45	56.97	57.48	24.8	24.5	22	24.5	24.6	23.2	23.9	27.6	20.8	95	97	94	92	95	95	94.7	98
Mean	57.06	57.52	58.28	56.16	57.09	57.97	57.35	24.4	24.1	28	28.3	26.5	25.2	26.1	30.2	22.7	93.9	94.7	79.5	78.3	86.2	90.5	87.2	------
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	334.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSW	1	SSW	1	ESE	1	NbyW	3	ENE	2	SSW	2	10	Ci.-S.	S.-Cu. SSE	8	A.-Cu.	Cu. ENE
2	SW	2	SW	1	NW	2	NbyW	2	NW	2	NbyW	2	9	A.-S. E	Cu.	9	A.-S. NE	S.-Cu. NW
3	NNW	2	NbyW	2	N	2	N	1	S	1	S	1	10	------------	S.-Cu. NNW	10	------------	S.-Cu. NNE
4	W	2	W	1	Calm	----	N	2	WSW	1	WSW	2	10	------------	N. NW	10	------------	S.-Cu. NW
5	Calm	----	WSW	2	WbyS	3	W	3	W	5	WSW	5	10	------------	N. NW	10	Ci.-S.	Fr.-N. NW
6	SW	5	WSW	4	WSW	4	WSW	4	WSW	3	SW	2	10	Ci.-S.	Fr.-N. W	10	Ci.-S.	Cu.-N. wbyS
7	SW	2	SW	2	SW	1	SW	3	SW	2	SW	1	8	A.-Cu. SW	------------	3	Ci.-S.	Cu.
8	SW	1	Calm	----	NNE	1	NW	2	Calm	----	W	1	4	A.-Cu.	------------	6	A.-Cu.	Cu.
9	Calm	----	WSW	2	NW	1	NNW	2	Calm	----	N	1	4	Ci.	S.-Cu.	9	Ci.-S.	N.-cf.
10	Calm	----	NNW	3	Calm	----	Calm	----	Calm	----	Calm	----	10	Ci.-S.	Fr.-N. N	10	Ci.-S.	Fr.-N. N
11	Calm	----	Calm	----	E	1	Calm	----	Calm	----	E	1	3	A.-Cu.	Cu.	8	Ci.-S.	Fr.-N. W
12	Calm	----	Calm	----	Calm	----	W	2	Calm	----	Calm	----	4	Ci.	Cu.	3	Ci.	Cu.
13	Calm	----	Calm	----	NW	2	WNW	2	W	1	Calm	----	6	Ci.	S.-Cu. NW	3	Ci.	Cu.
14	W	2	W	2	WSW	2	NW	3	W	1	Calm	----	7	------------	S.-Cu. WNW	6	Ci.-S.	Cu.-N. N
15	Calm	----	N	1	Calm	----	N	3	NE	2	NE	2	3	Ci.	Cu.	4	Ci.	Cu. ENE
16	NE	2	Calm	----	Calm	----	Calm	----	E	2	E	1	5	Ci.-S.	Cu. E	9	Ci.-S.	Fr.-N. ENE
17	NE	1	Calm	----	NE	2	NNE	1	NE	3	E	1	4	Ci.-S.	Cu. E	7	Ci.-S.	Cu.-N. NE
18	Calm	----	Calm	----	NNE	2	Calm	----	ENE	4	ENE	3	6	A.-Cu. ESE	Cu. ENE	10	------------	N.
19	E	1	Calm	----	Calm	----	ENE	3	Calm	----	Calm	----	10	Ci.-S.	Fr.-N E	10	Ci.-S.	Fr.-N. E
20	NE	1	Calm	----	NE	1	E	2	ENE	2	NE	1	5	Ci.-S.	Cu. E	10	Ci.-S.	Cu.-N. ENE
21	NE	1	NNW	3	NE	1	N	3	N	3	Calm	----	10	Ci.-S.	Fr.-N. NNE	7	Ci.-S.	Cu.-N. NNE
22	Calm	----	N	2	N	3	NNW	3	E	3	Calm	----	7	Ci.-S.	Fr.-N. N	7	Ci.-S.	Cu. NNE
23	Calm	----	Calm	----	E	3	Calm	----	Calm	----	E	3	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. E
24	Calm	----	Calm	----	ESE	2	ENE	4	NE	1	Calm	----	5	Ci.	S.-Cu. E	10	------------	N.
25	Calm	----	Calm	----	NNW	3	N	2	N	3	N	3	8	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. NNE
26	N	3	N	2	N	2	NNW	3	N	3	Calm	----	8	Ci.-S.	Cu.-N. NE	7	Ci.-S.	Cu. N
27	NW	1	Calm	----	Calm	----	NE	1	ENE	2	E	2	4	Ci.	Cu.	7	Ci.-S.	Fr.-Cu. E
28	Calm	----	E	1	E	3	E	3	E	2	Calm	----	3	Ci.	Fr.-Cu. E	3	Ci.	Cu. ESE
29	Calm	----	Calm	----	E	3	E	3	E	2	Calm	----	2	------------	Cu.	3	Ci.	Cu. ESE
30	Calm	----	Calm	----	Calm	----	NNW	3	Calm	----	Calm	----	8	A.-Cu. ENE	Cu. N	7	Ci.-S.	Cu.-N. NW
31	Calm	----	Calm	----	SW	2	W	1	Calm	----	NW	1	8	Ci.-S.	S.-Cu. NNW	10	Ci.-S.	Fr.-N. N
Mean	-------	0.9	-------	0.9	-------	1.5	-------	2.1	-------	1.6	-------	1.1	6.8	------------	------------	7.6	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

JANUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.94	60.69	61.43	58.94	59.29	60.04	60.06	25.6	24.4	28.5	30.5	28.2	27.4	27.4	31	23.4	84	83	58	60	66	74	70.8	0.3
2	60.05	60.23	61.04	59.03	59.81	60.38	60.09	26.4	25.1	28.5	29.5	28	26.3	27.3	30.6	24.1	81	89	67	68	77	83	77.5	------
3	59.76	60.08	61.07	59.24	60.54	61.42	60.35	25.4	24.9	28	28.6	26.6	25.3	26.5	30	23.8	84	83	70	66	76	84	77.2	2.5
4	60.36	61.38	61.32	59.89	60.97	61.52	60.91	25	25	26.9	29	27.5	26.5	26.6	29.8	23.7	85	88	75	65	81	80	79	------
5	60.54	61.17	61.93	59.59	60.27	61.13	60.77	26	26.4	28.3	29.5	28	27.2	27.6	30.2	24.4	84	78	72	69	77	79	76.5	------
6	60.43	61.05	61.82	59.54	59.72	60.67	60.54	26.3	26.5	28.4	29	28	26.3	27.4	30	24.9	82	80	72	71	77	82	77.3	1.8
7	59.85	60.55	61.24	59.09	59.71	60.45	60.15	25.6	24.8	29	30.2	29	26.5	27.5	31.6	23.5	84	85	71	60	64	73	72.8	------
8	59.76	60.49	61.28	58.81	59.57	60.55	60.08	25	24.8	30.5	29.6	28.5	26.5	27.5	31.1	23.5	83	85	62	64	70	75	73.2	------
9	59.99	60.54	61.43	58.93	60.05	60.97	60.32	26	24.7	29.5	29.4	27	26.8	27.2	31.1	23.5	80	86	64	68	83	80	76.8	13.2
10	60.03	61.41	62.28	60.09	61.04	62.18	61.17	25.4	23.8	27.6	28.6	27	24.2	26.1	29.5	22.5	86	89	73	70	80	89	81.2	4.3
11	61.09	62	63.05	61.04	61.27	62.52	61.83	24.6	24.3	28	30	28	26.5	26.9	30.9	23	88	87	70	62	70	77	75.7	------
12	61.51	62.15	62.74	60.53	61.45	62.57	61.82	24.9	24.5	27.3	29	26.4	25.2	26.2	29.5	23	83	79	61	58	70	76	71.2	------
13	61.69	62.31	63	61.34	61.90	62.89	62.19	24.2	24.2	28.5	28	26.5	25.7	26.2	29.5	22.9	84	82	62	67	73	78	74.3	------
14	61.96	62.07	62.93	60.76	61.24	61.97	61.82	25.2	25.8	28	28.6	27	25.5	26.7	29.2	23.5	82	78	67	66	73	81	74.5	2.5
15	61.39	61.71	62.92	60.93	61.24	62.67	61.81	24.4	25.4	26.4	28	27	26.5	26.3	28.7	22.9	88	80	73	64	68	70	73.8	------
16	62.04	62.25	63.47	61.24	62.39	63	62.40	25.7	25.6	28.3	29.5	26.5	26.3	27	29.8	25	75	75	64	61	80	80	72.5	.3
17	61.87	62.80	64	61.38	62	63.23	62.55	25.8	24.8	24.2	26.6	25.5	23	25	28	22.7	78	87	90	76	75	94	83.3	23.1
18	62.09	63.65	63.76	61.65	62.12	62.74	62.67	22.4	23.2	25.2	27	26	24.3	24.7	27.9	22	88	88	80	72	76	82	81	6.1
19	61.68	62.19	62.32	60.37	60.82	61.99	61.56	24.2	24	28	28	27	25	26	29	22.5	85	85	63	66	72	76	74.5	------
20	60.54	61.24	61.23	58.79	59.72	61.18	60.45	24	23.5	29	30	28	26	26.8	30.7	22.5	81	85	64	62	70	76	73	------
21	59.69	61.14	61.42	59.69	60.55	61.49	60.66	25.2	24	28.3	30	27.2	26.2	26.8	30.9	23.1	79	83	70	64	75	78	74.8	------
22	60.61	61.63	62.43	60.18	61.12	62.20	61.36	25.3	25	28	29.4	28	25.8	26.9	30.1	24.5	81	82	73	64	71	78	74.8	------
23	61.43	61.65	62.32	60.37	60.58	62.04	61.40	24.3	23.8	27.5	28.4	27.5	24.9	26.1	29.8	22.9	81	78	63	57	60	69	68	------
24	61.13	61.21	61.97	59.63	60.22	62.13	61.05	23.8	23.3	26.8	28.3	27	24.9	25.7	29.5	22.5	73	80	62	62	70	75	70.3	------
25	61.73	61.97	63.23	60.92	61.14	62.48	61.91	24	22.8	27.5	28	26.7	23.9	25.5	30	21.9	78	75	63	52	52	69	64.8	------
26	61.64	62.51	62.85	60.46	60.83	61.74	61.67	22.8	21.6	27.5	29	28	26.3	25.9	29.9	20.9	73	77	56	58	63	70	66.2	------
27	61.09	61.60	62.18	60.06	60.01	61.57	61.08	24.1	24	27.5	29	28.5	25.2	26.4	30.5	22.7	82	81	63	55	58	70	68.2	------
28	60.28	60.81	61.43	59.69	60.34	61.12	60.61	24.2	23.5	28.2	29.5	26.6	26.3	26.4	31	22.4	81	79	69	64	77	73	73.8	------
29	60.56	61.45	62.68	60.76	60.27	61.32	61.17	24.9	24.2	27.5	28.5	27.9	26.5	26.6	29.2	23.5	79	82	62	60	64	68	69.2	------
30	60.89	61.31	62.30	60.26	60.87	61.82	61.24	24	24	26.5	29.5	28	25.8	26.3	30.2	23	75	75	69	58	63	74	69	------
31	61.34	61.78	62.52	60.61	61.02	61.80	61.51	24.9	24	28	29.2	28	26	26.7	30	23	78	75	63	57	70	76	69.8	------
Mean	60.87	61.52	62.24	60.12	60.71	61.73	61.20	24.8	24.4	27.8	28.9	27.4	25.8	26.5	30	23.2	81.5	81.9	67.5	63.4	71	77.1	73.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	54.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	N	68.4	111.3	113.2	78.1	371	3	Ci.	Cu. ENE	5	Ci.-S.	Cu. ENE
2	N	N	NE	NE	NE	N	57.8	103.8	121.7	77.2	360.5	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
3	N	N	NE	NE	NE	N	68	135.8	149	108.6	461.4	3	Ci.	Cu. ENE	8	------	Cu.-N. ENE
4	N	NE	NNE	NE	NNE	N	97.1	106.9	116.3	80.2	400.5	8	------	Cu.-N. ENE	7	------	Cu.-N. ENE
5	N	N	NE	NE	NE	N	65.4	105.2	124.7	68.9	364.2	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
6	N	N	NE	NE	NE	N	49.4	104.2	99.6	58.4	311.6	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
7	N	NW	NE	NE	NE	N	49.9	61.7	78.1	57	246.7	2	------	Cu. ENE	3	------	Cu. ENE
8	Calm	N	NE	NE	NE	N	33	60.4	141.3	77.2	311.9	2	Ci.	S.-Cu.	3	------	Cu. ENE
9	N	N	NE	NE	NE	N	64.4	77.2	148.7	70.6	360.9	3	------	S.-Cu.	6	------	Cu. ENE
10	NE	N	NE	NE	N	N	104.1	102.2	106.5	92.5	405.3	9	------	N. ENE	7	------	Cu.-N. E
11	N	N	NE	NE	NE	N	94.7	87.8	109.7	67.9	360.1	5	------	S.-Cu. ENE	4	Ci.	Cu. ENE
12	N	N	NE	NE	NE	N	87.7	127.1	105.4	63.5	383.7	2	------	Cu. ENE	2	------	Cu. ENE
13	N	N	NE	NE	N	N	85.5	121.5	120.7	93.7	421.4	2	------	Cu. ENE	7	------	Cu. ENE
14	N	N	NE	NE	N	N	111.5	206.9	206.1	143.2	667.7	5	------	S.-Cu. ENE	7	------	Cu.-N. ENE
15	N	N	NE	NE	N	N	151.6	184	198.8	156.1	690.5	7	------	Cu.-N. ENE	6	Ci.-S.	Cu. ENE
16	N	N	NE	NE	NE	N	159.3	155.8	183.8	104.6	603.5	6	------	S.-Cu. ENE	5	Ci.	Cu. ENE
17	N	N	NNE	NNE	N	NE	132	134.4	189.5	117.9	573.8	8	------	Cu.-N. ENE	6	------	Cu.-N. ENE
18	N	N	N	NE	N	N	69.3	99.8	144.9	83.4	397.4	5	------	Cu.-N. ENE	5	------	Cu.-N. ENE
19	N	N	NE	NE	NE	N	79.9	106.2	116.8	70.6	373.5	3	------	Cu. ENE	3	------	Cu. ENE
20	N	N	NE	NE	NE	N	52	79.2	92.2	69.7	293.1	2	------	Cu.	3	------	Cu. ENE
21	N	N	NE	NE	NE	N	58.6	84.4	122.5	85.3	350.8	3	------	S.-Cu. ENE	5	------	Cu. ENE
22	N	N	N	NE	NE	N	67.3	108.9	120.3	69.2	365.7	3	------	Cu. ENE	3	------	Cu. ENE
23	N	N	NE	NE	NE	N	48.9	68	108.9	69.3	295.1	2	------	Cu. ENE	3	------	Cu. ENE
24	NW	Calm	NE	NE	NE	N	67.9	90.9	87.7	59	305.5	2	------	Cu.	2	------	Cu. ENE
25	NE	N	NE	NE	NE	N	53.1	101.1	124.4	73.2	351.8	2	------	Cu. ENE	2	------	Cu. ENE
26	NW	NW	NE	NE	NE	N	73.5	66.8	101.1	72	313.4	2	------	Cu. ENE	2	------	Cu. ENE
27	NW	N	NE	NE	NE	N	73.2	93.3	95	66	327.5	6	------	Cu. ENE	2	------	Cu. ENE
28	N	N	NE	NE	NE	N	66	67	114.1	101.6	348.7	2	Ci.	Cu.	4	------	Cu. ENE
29	N	N	NE	NE	NE	NE	73.7	142.5	156.9	99.6	472.7	2	------	Cu. ENE	2	------	Cu. ENE
30	NW	NW	NE	NE	NE	N	61.5	77.9	108.7	93.7	341.8	2	Ci.	Cu. ENE	3	------	Cu. ENE
31	N	N	NE	NE	NE	N	76	88.1	125.9	90.4	380.4	2	------	Cu. ENE	2	Ci.	Cu. ENE
Mean	------	------	------	------	------	------	77.4	105.2	126.9	84.5	393.9	3.6	------	------	4.1	------	------
Total	------	------	------	------	------	------	------	------	------	------	12,212.1	------	------	------	------	------	------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

FEBRUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.46	61.94	62.84	60.72	60.91	61.94	61.64	24.9	24.8	29.7	29	28	26.1	27.1	30.5	23.8	83	77	56	58	67	73	69	------
2	61.20	62.11	62.52	60.37	60.03	60.80	61.17	24.7	23.7	27.5	28.5	27.5	24.7	26.1	29.2	22.9	78	77	64	55	66	74	69	------
3	59.96	60.80	61.34	59.49	59.81	60.99	60.40	24.2	22.9	28.5	29.7	28.5	25.7	26.6	30.5	22	74	78	62	52	60	69	65.8	------
4	60.39	61.06	61.35	59.16	59.67	61.17	60.47	24.9	24	28	29.1	27.9	25.4	26.6	30	23.5	80	83	69	58	69	74	72.2	------
5	60.34	61.49	62.03	59.84	60.27	61.28	60.88	24.4	23.6	28	29.5	28.5	25.7	26.6	30.5	22.7	80	76	63	50	63	71	67.2	------
6	60.51	60.89	61.69	59.43	59.92	61.04	60.58	25	25	27.5	28.5	28	26.2	26.7	29.1	24	73	82	73	67	65	72	72	------
7	60.24	60.88	62.02	59.96	60.32	61.57	60.83	25.2	24	27.5	29	28	25.5	26.5	30	22.9	70	77	60	55	61	69	65.3	------
8	61.04	62.04	62.43	60.39	60.47	61.87	61.37	24	23.4	28.5	28.5	28	25.5	26.3	30	22.5	74	76	57	57	63	70	66.2	------
9	61.04	62.26	62.93	60.42	60.32	61.55	61.42	23.9	23.2	28	29	28.1	25	26.2	30	22.5	73	75	53	57	60	70	64.7	------
10	60.73	61.21	62.04	59.56	59.82	60.94	60.72	24	23.5	27.1	29.5	28	25.7	26.3	30.5	22.6	75	76	69	61	67	84	72	------
11	59.65	59.84	60.64	58.79	59.34	60.89	59.86	25.1	23.7	28.5	28.8	28	26	26.7	31.4	22.8	76	79	67	62	65	76	70.8	------
12	59.55	60.12	60.48	58.91	59.08	60.50	59.77	24.7	23.2	27.5	29	28.1	26	26.4	30	22.5	73	80	66	61	66	76	70.3	------
13	60.05	60.49	61.58	59.08	59.31	60.44	60.16	26	24.8	28	30	28.8	27	27.4	31.2	23.5	76	77	66	56	60	70	67.5	------
14	59.71	60.25	61.83	60.44	60.52	62.02	60.80	25	24.2	27.6	29	27.6	27	26.7	29.4	23.2	76	75	62	64	69	77	70.5	------
15	61.82	62.03	62.82	60.99	61.12	62.39	61.86	25.8	25	28.5	29.4	28	25.7	27.1	30	24.5	78	81	64	59	65	73	70	------
16	61.60	62.31	62.48	60.38	60.76	61.70	61.54	24.5	24	28.5	30	28.5	27.1	27.1	30.6	23.4	75	72	60	50	57	69	63.8	------
17	61.44	62.21	62.82	60.51	60.41	61.62	61.50	24.9	23.8	28	29	28	25.6	26.6	30.4	22.9	79	77	52	53	59	70	65	------
18	60.81	61.46	62.59	60.56	60.61	62.38	61.40	24.6	23.6	27.8	30	28	25.9	26.6	30.2	22.5	76	75	61	53	57	68	65	------
19	61.46	62.31	63.17	60.79	60.84	62.08	61.78	24.7	23.7	28.5	29	27.5	25.2	26.4	31.1	22.9	76	77	57	52	63	66	65.2	------
20	61.30	61.86	62.53	60.39	60.58	62.05	61.45	25.2	24.4	27.4	28.5	27.5	25.6	26.4	29.5	23.3	76	78	60	60	60	63	66.2	------
21	61.69	61.94	62.93	60.54	60.36	62.07	61.59	24	23.4	28.2	29	28	26.5	26.5	29.5	22.5	75	75	62	52	59	71	65.7	------
22	61.29	61.96	63.13	60.43	60.67	61.90	61.56	24	23.4	28.5	29	27.9	26.5	26.6	30.1	22.6	70	74	54	53	64	69	64	------
23	61.11	62.33	62.98	60.84	60.61	61.90	61.63	24	24	28	30	28.4	25.7	26.7	30.8	23	80	78	63	56	58	75	68.3	------
24	61.51	62.44	62.84	61.01	60.67	62.27	61.79	24.5	24.6	28.4	28.2	27.5	26	26.5	30.2	23.2	77	75	64	63	63	69	68.5	------
25	61.55	62.33	63.18	60.84	60.57	62.02	61.75	25	24.4	27.2	28.5	28	25.6	26.4	29.6	23.7	80	80	70	60	67	69	71	------
26	61.26	61.74	62.72	60.49	60.43	61.74	61.40	24.5	24.3	28.5	29	28.5	25.9	26.8	30	23.5	78	79	59	60	62	73	68.5	------
27	60.73	61.09	62.10	59.63	59.77	60.89	60.70	25.3	24	27.5	29	28.4	27	26.9	32	23.2	80	79	73	58	63	68	70.2	------
28	60.58	60.94	62.27	60.38	60.07	61.67	60.98	25.6	25.6	28.9	27	28	25.5	26.8	29.5	24	79	77	63	70	57	65	68.5	------
Mean	60.86	61.51	62.30	60.16	60.26	61.56	61.11	24.7	24	28.1	29	28	25.9	26.6	30.2	23.1	76.4	77.3	62.5	57.6	62.7	71.2	67.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	N	60.9	83.7	132	87.7	364.3	2	Ci.	Cu. ENE	2	-------------	Cu. ENE
2	N	N	NE	NE	NE	N	50.7	78.6	114.3	66.3	309.9	2	-------------	Cu. ENE	2	-------------	Cu. ENE
3	N	N	NE	NE	NE	N	54.7	54.7	94.1	70.6	274.1	2	-------------	Cu. ENE	2	Ci.	Cu. ENE
4	N	Calm	NE	NE	NE	N	37	48	119.6	67.6	272.2	2	-------------	Cu. ENE	2	-------------	Cu. ENE
5	N	N	NE	NE	NE	N	60.7	60.9	109.4	59.9	290.9	2	-------------	Cu. ENE	2	-------------	Cu. ENE
6	N	N	NE	NE	NE	N	57.6	88.7	123.1	71.4	340.8	2	-------------	Cu. ENE	3	-------------	Cu. ENE
7	NNE	N	NE	NE	NE	N	80.9	97.2	120.5	87.7	386.3	2	-------------	Cu. ENE	3	Ci.	Cu. ENE
8	N	N	NE	NE	NE	N	59.5	80.5	104.6	75.6	320.2	2	Ci.	Cu.	2	Ci.	Cu. ENE
9	N	NW	NE	NE	NE	N	69.7	96.1	144.8	86.9	397.5	2	-------------	Cu. ENE	2	Ci.	Cu. ENE
10	N	N	NE	NE	NE	N	80.5	101.1	105.6	49.3	336.5	3	Ci.	Cu. ENE	5	Ci.	Cu. ENE
11	NE	N	SW	NE	NE	N	41.8	52.8	108.1	89.6	292.3	2	Ci.	Cu. ENE	6	-------------	Cu.-N. ENE
12	N	N	NE	NE	NE	N	68.9	109.1	131.6	84.5	394.1	2	-------------	Cu. ENE	3	-------------	Cu. ENE
13	N	N	NE	NE	NE	NE	71.6	126.8	154.2	126.5	479.1	7	-------------	Cu.-N. ENE	2	Ci.	Cu. ENE
14	N	NW	NE	NE	NE	NE	87.4	139.2	129.9	140.5	497	2	Ci.	Cu. ENE	5	-------------	Cu. ENE
15	N	N	NE	NE	NE	NE	69.2	130.1	182.4	116.5	498.2	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
16	N	N	NE	NE	NE	NE	65.2	122.3	163.4	134.4	485.3	2	Ci.	Cu. ENE	2	-------------	Cu. ENE
17	NE	N	NE	NE	NE	N	62.8	111.8	123.9	91.4	389.9	2	-------------	Cu. ENE	2	-------------	Cu. ENE
18	N	N	NE	NE	NE	N	71.6	103	123.6	78.3	376.5	2	-------------	Cu. ENE	2	-------------	Cu. ENE
19	N	N	NE	NE	NE	N	76.4	86.3	129.9	76.4	369	2	-------------	Cu. ENE	2	-------------	Cu. ENE
20	N	Calm	NE	NE	NE	N	41.3	83.1	149.7	84	358.1	3	-------------	Cu. ENE	2	-------------	Cu. ENE
21	N	N	NE	NE	NE	NNE	72.7	105.9	135.2	117.5	431.3	2	-------------	Cu. ENE	2	Ci.	Cu. ENE
22	N	N	NE	NNE	NE	N	89.3	98.2	103.8	85.3	376.6	2	Ci.	Cu. ENE	2	-------------	Cu. ENE
23	N	N	NE	NE	NE	NE	87.7	116.7	123.6	98.6	426.6	2	-------------	Cu. ENE	2	-------------	Cu. ENE
24	N	N	NE	E	NE	N	74	114.8	111.5	67.9	368.2	2	-------------	Cu. ENE	5	-------------	Cn. ENE
25	N	N	NE	NE	NE	N	59.9	103.9	99.8	57.1	320.7	2	-------------	Cu. ENE	4	-------------	Cu. ENE
26	N	N	NE	NE	NE	N	59	105.7	113.5	74	352.2	2	Ci.	Cu. ENE	3	Ci.-S.	Cu. ENE
27	N	NW	SE	NE	NE	N	41.8	44.6	128.3	81.2	295.9	3	Ci.	Cu. ENE	3	Ci.	Cu.
28	N	N	ENE	NE	NE	NNE	72.7	117.5	152.3	111.2	453.7	6	-------------	S.-Cu. ENE	7	-------------	Cu.-N. NE
Mean	------	------	------	------	------	------	65.2	95	126.2	8[illegible].1	373.5	2.5	-------------	-------------	2.9	-------------	-------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	10,457.4	----	-------------	-------------	----	-------------	-------------

CEBU.

[φ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

MARCH, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.66	61.03	62.37	60.16	60.42	62.37	61.17	24.6	24.4	29	30	27.5	26.5	27	31	23.4	72	73	61	57	70	71	67.3	------
2	61.68	62.84	63.52	61.22	61.07	62.53	62.14	24.9	25	27.8	29.4	28	27.1	27	30.5	24	74	75	63	56	63	69	66.7	------
3	61.49	62.49	63.52	61.29	61.68	62.59	62.18	26	24.3	27.5	29.4	27.1	26.8	26.8	30	23.5	73	78	68	59	66	71	69.2	------
4	62.40	63.11	64.11	62.17	62.44	63.62	62.98	25.2	24.7	29	30.1	28.3	26.3	27.3	31	24	76	73	60	58	68	78	68.8	------
5	62.44	63.15	63.81	61.39	61.63	62.90	62.55	25	25	28.5	29	28.3	27	27.1	30	24	80	78	62	64	68	70	70.3	------
6	61.71	62.60	63.06	60.37	60.89	62.07	61.78	25.4	24.2	28.5	29.9	29	27.2	27.4	30.5	23.3	74	76	63	56	62	75	67.7	------
7	61.24	61.95	62.66	60.79	61.09	62.42	61.69	26	25.4	28.4	29.2	29	27.5	27.6	30.2	24.7	78	78	66	67	65	75	71.5	------
8	61.22	61.80	62.91	61.45	62.06	63.17	62.10	26.7	25.4	28.6	30.9	28.5	27.4	27.9	31.5	24.8	78	80	66	59	69	74	71	0.8
9	62.05	63.09	63.73	61.84	61.79	62.89	62.48	25.5	24.7	28.3	29.4	28.5	27.1	27.2	30	22.9	76	83	63	61	68	73	70.7	------
10	62.16	63.04	63.91	61.36	61.72	63.04	62.54	24.9	24.8	28	30	28.5	26.6	27.1	31	23.5	83	73	74	57	69	72	71.3	------
11	62.09	63.25	63.56	60.68	60.42	62.04	62.01	24.8	25	29	29.8	28.6	26.4	27.3	31	23.5	73	73	58	58	63	72	66.2	------
12	60.60	61.31	62.17	59.80	59.62	60.89	60.73	24.8	23.3	28.3	29.4	28	26.5	26.7	31	22.5	75	77	68	68	69	73	71.7	------
13	60.17	61.27	62.61	60.37	60.19	61.74	61.06	25.5	25.8	29	30.1	28.5	27.2	27.7	32	24.4	78	79	71	65	74	75	73.7	------
14	60.72	61.77	62.44	60.36	60.44	62.02	61.29	26.3	25.1	30.1	29.7	28.5	26.7	27.7	31.5	24.5	82	83	64	60	70	74	72.2	------
15	61.11	61.89	62.82	60.28	60.57	62.07	61.46	25	24.3	28	29.5	28.4	27.3	27.1	30.4	22.9	82	78	67	55	68	68	69.7	------
16	61.09	62.01	62.22	59.92	60.19	61.45	61.15	26	24.2	28	29.5	28.3	26.5	27.1	30.5	23.5	72	76	67	64	65	76	70	------
17	60.61	61.81	62.52	60.17	60.03	61.68	61.14	25.4	24.4	28.2	29.5	28.5	27	27.2	30.2	23.6	84	80	70	59	69	66	71.3	------
18	61.04	61.90	62.91	60.86	61.09	62.72	61.75	26	25	29.5	30	29	27.4	27.8	31.5	24	69	73	69	63	71	75	70	.5
19	61.93	62.54	63.73	61.51	61.90	63.89	62.58	26.6	25.4	25.4	29.5	27	25.6	26.6	30	23.5	80	78	92	70	80	87	81.2	2
20	62.56	62.85	63.18	60.71	60.26	62.04	61.93	24.5	25	28.5	28.5	29	27.2	27.1	31.2	23.4	87	80	74	70	58	76	74.2	------
21	61.07	61.89	62.29	60.08	60.09	61.57	61.16	25.8	25.1	28.9	29.5	29	27.3	27.6	32	23.9	78	77	71	61	68	75	71.7	------
22	60.68	61.09	62.08	59.88	60.34	62.04	61.02	26	25.5	29.8	29.3	28.9	27	27.8	31.5	24.5	77	78	66	60	65	73	69.8	------
23	61.03	62.19	62.56	59.86	60.38	62.08	61.35	25.3	24.7	28.5	29.5	29	27.3	27.4	31.1	23.8	81	81	62	63	68	71	71	------
24	61.58	62.99	63.23	60.53	60.63	62.07	61.84	25.5	25.5	29	29.8	29	27.5	27.7	32.6	24.6	80	84	64	60	65	66	69.8	------
25	61.28	62.45	62.51	59.61	59.18	60.74	60.96	25.2	25.5	29	31	29.5	27.7	28	32	24	70	80	71	57	68	72	69.7	------
26	60.13	60.54	61.82	59.23	59.44	61.18	60.39	26	26.6	28.5	29.5	28.5	27.1	27.7	31	25.3	76	82	74	66	74	69	73.5	------
27	60.40	61.07	62.21	60.07	60.19	61.89	60.97	26.3	25.5	28.9	29.9	29	27.8	27.9	31	24.5	78	80	68	58	71	79	72.3	2
28	60.81	61.86	62.13	60.14	60.67	62.12	61.29	25.4	24.7	28	28	27.5	25	26.4	29.5	23.5	83	86	70	70	73	83	77.5	3
29	61.44	61.74	62.51	60.26	60.99	62.47	61.57	24.3	24.8	29	29.9	28.9	27.2	27.4	30.8	23.2	89	85	71	65	71	75	76	------
30	61.10	61.78	62.82	61.06	60.73	62.79	61.71	26	26.4	29	29.5	27.5	26.1	27.4	31	25	84	83	73	66	73	76	75.8	------
31	60.97	61.33	61.99	59.37	60.09	61.59	60.89	25.5	26.5	29.4	30	29	27.9	28	31	24.9	81	82	68	66	71	79	74.5	------
Mean	61.27	62.08	62.84	60.53	60.72	62.22	61.61	25.5	25	28.6	29.6	28.5	26.9	27.4	30.9	23.9	78.2	78.8	67.9	61.9	68.5	73.8	71.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	8.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	NE	68	99.8	129.5	120.9	418.2	6	------------	S.-Cu.ENE	6	------------	Cu. ENE
2	N	NW	NE	NE	NE	NE	59.2	94.3	138.4	117.9	409.8	7	------------	S.-Cu.ENE	3	Ci.	Cu. ENE
3	NE	N	NE	NE	N	NE	71.3	110.2	149	105.2	435.7	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
4	N	N	NE	NE	NE	N	71.6	114.3	131.2	76.4	393.5	2	------------	Cu. ENE	3	------------	Cu. ENE
5	N	N	NE	NE	NE	NE	35	88.1	127.1	78.9	329.1	2	------------	Cu. ENE	3	Ci.	Cu. ENE
6	N	N	NE	NE	NE	NE	57.9	94.1	133.6	100.9	386.5	2	Ci.	Cu. ENE	2	Ci.	Cu.
7	N	N	NE	NE	NE	NNE	61.7	102.2	134.1	88.9	386.9	3	Ci.	S.-Cu.ENE	3	Ci.	Cu. ENE
8	NE	N	NE	NE	N	NE	83.1	113.6	117.1	119.4	433.2	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
9	N	N	NE	NE	NE	N	77.5	121.5	136	134.5	469.5	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
10	N	NW	NE	NE	NE	N	68.2	83.7	124.6	71	347.5	2	------------	Cu. ENE	2	------------	Cu. ENE
11	N	N	NE	NE	N	N	63.8	98.2	127.7	87.1	376.8	2	------------	Cu. ENE	2	------------	Cu. ENE
12	N	N	NNE	NE	NE	N	52.6	73.5	150.3	70.1	346.5	2	Ci.	Cu. ENE	4	------------	Cu. ENE
13	N	NE	NE	SE	NE	N	49.4	68.4	99.2	39.3	256.3	2	------------	Cu. ENE	3	------------	Cu.
14	E	NE	E	NE	NE	N	31.3	50.6	119.9	64.4	266.2	2	------------	Cu. ENE	2	Ci.	Cu. ENE
15	N	N	NE	NE	NE	NE	34.6	72.4	148.9	113.5	369.4	2	Ci.	Cu. ENE	2	------------	Cu. ENE
16	NE	N	NE	NE	NE	N	73.2	99	141.6	83.1	396.9	2	------------	Cu. ENE	2	------------	Cu. ENE
17	E	NE	NE	NE	NE	N	41.5	60.5	134.1	72.3	308.4	3	------------	Cu. ENE	2	------------	Cu. ENE
18	N	NE	SE	NE	NE	N	54.4	70.8	126.1	61.4	312.7	2	------------	Cu. ENE	3	------------	Cu. ENE
19	NE	N	NE	NE	NE	N	61.4	95.7	139.2	85.5	381.8	7	------------	Cu.-N. ENE	5	Ci.	Cu.-N.ENE
20	N	N	NE	NE	N	NE	65	72.4	128.7	108.9	375	6	------------	S.-Cu.ENE	3	------------	Cu. ENE
21	N	N	SE	NE	NE	N	54.6	44.6	125	99.5	323.7	4	------------	Cu. ENE	2	------------	Cu.
22	N	NE	NE	NE	NE	NNE	66.3	64.4	154.2	91.7	876.6	2	------------	Cu. ENE	2	------------	Cu. ENE
23	N	NW	NE	NE	NE	N	71.8	94	139.5	85.2	390.5	2	------------	Cu. ENE	2	------------	Cu. ENE
24	N	NW	NE	NE	NE	NE	57.8	77.9	118	57.1	310.8	2	------------	Cu. ENE	3	------------	Cu. ENE
25	NW	W	NE	NE	NE	NNE	27.4	76.4	113	82.1	298.9	2	------------	Cu. ENE	3	------------	Cu. ENE
26	N	E	NE	NE	NE	N	56.8	68.4	154.5	93.8	373.5	3	------------	Cu. NE	4	A.-Cu.	Cu. NE
27	N	N	NE	NE	NE	NE	63.1	95.8	157.4	174.2	490.5	3	------------	Cu. ENE	3	Ci.	Cu. ENE
28	N	N	NNE	NE	NE	N	98.2	137.6	126.3	96.6	458.7	6	------------	Cu.-N. NE	8	------------	Cu.-N. NE
29	N	N	NE	NE	NE	N	71.6	110.2	160.1	94.5	436.4	5	------------	Cu. ENE	3	Ci.	Cu. ENE
30	N	N	NE	NE	N	NE	58.1	77.7	113.9	84.7	334.4	4	------------	Cu. ENE	7	------------	Cu.-N.ENE
31	N	N	NE	NE	NE	N	49.4	93	132.3	64	338.7	2	------------	Cu. ENE	3	------------	Cu. ENE
Mean	------	------	------	------	------	------	59.9	87.8	133.2	91.1	372	3.1	------------	------------	3.2	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	11,532.6	----	------------	------------	----	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

APRIL, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	60.72	61.27	61.69	58.87	58.92	60.59	60.34	27	26	29.3	29.5	29	28.3	28.2	31	24.9	80	82	72	70	72	79	75.8	------
2	59.92	60.49	61.46	59.16	59.17	60.84	60.17	26.7	26.3	29.5	30.4	29	27.8	28.3	31.4	25	83	86	70	65	72	79	75.8	------
3	60.07	60.89	61.99	59.76	59.62	61.07	60.57	26.6	26.6	29	30	29.5	28	28.3	31.6	25	85	85	71	65	69	69	74	------
4	60.67	61.29	62.17	59.57	59.87	61.52	60.85	27	26.5	29.5	30	29.6	27.5	28.4	31	25.4	83	86	71	68	69	77	75.7	------
5	60.98	61.86	62.68	60.06	60.67	62.76	61.50	26	24.3	28.5	30	29.5	27.8	27.7	31.8	23.5	82	81	63	56	61	74	69.5	------
6	62	62.92	63.58	60.82	60.98	62.69	62.16	26	26	29	30.5	29	26.5	27.8	31	24.9	80	82	64	53	67	76	70.3	------
7	61.39	62.38	62.97	60.51	60.99	62.67	61.82	25.6	25.2	29	30	29	27	27.6	31.1	24.1	79	78	64	59	65	71	69.3	------
8	61.59	62.13	62.66	59.96	60.49	61.96	61.46	26	25.6	29.5	30	29	28.2	28	32	23.4	72	75	68	64	72	76	71.2	------
9	60.82	61.63	62.36	60.05	60.68	61.86	61.23	26.2	26.1	29	31	29.5	28.1	28.3	31.9	24.9	78	76	71	63	74	77	73.2	------
10	60.92	61.17	62.09	59.75	60.48	61.93	61.06	26.7	26.2	29.3	30	29.9	28.2	28.4	31	25	80	80	71	68	65	76	73.3	------
11	60.92	60.87	61.24	59.12	59.78	61.47	60.57	27	25.8	29	30	29	27.5	28	31.6	24.9	77	80	65	65	71	76	72.3	------
12	60.58	60.85	61.48	59.58	59.98	61.56	60.67	26.1	25.4	29	30.5	29	28	28	31.9	24.5	76	80	64	62	71	77	71.7	------
13	60.87	61.67	62.26	60.57	60.91	62.35	61.44	26.5	26.6	29.4	29.5	28	27.5	27.9	31	25	80	82	68	68	73	77	74.7	------
14	60.98	61.12	62.18	59.95	59.97	61.62	60.97	27	26.7	29.5	30.5	29.1	27.7	28.4	31.3	25.2	77	80	68	65	66	72	71.3	------
15	60.47	60.92	61.19	58.98	59.48	60.73	60.30	26.5	26.6	29.5	30	29.5	27.6	28.3	31.2	25.1	76	78	63	65	68	77	71.2	------
16	59.88	60.23	60.79	58.48	58.33	60.06	59.63	25.9	26	29.4	30	29.5	28.1	28.2	31	24.4	80	79	68	62	61	73	70.5	------
17	59.49	59.18	59.68	57.46	57.24	59.43	58.75	26.3	25.7	29.5	30.5	30	28.2	28.4	31.5	24.5	79	80	68	65	62	72	71	------
18	58.49	59.12	60.02	57.77	57.84	59.57	58.80	26.6	25.8	30.5	30.5	29.5	28.2	28.5	31.8	24.9	83	82	66	62	72	77	73.7	------
19	59.20	59.49	60.38	58.62	59,23	60.44	59.56	27.1	26.7	29.4	30.4	29.5	27.6	28.4	31.4	26	85	86	65	63	68	73	73.5	------
20	59.93	60.53	61.07	59.06	59.76	60.44	60.13	26	26.5	29.5	30.5	29.5	28.3	28.4	31.5	24.9	79	80	68	62	70	75	72.3	1
21	59.95	60.54	60.59	58.44	58.88	60.06	59.74	26.2	25.4	29	29	29	27.5	27.7	31	23.5	80	84	71	71	69	76	75.2	------
22	59.22	59.97	60.67	58.81	59.21	60.39	59.71	26	27.7	29.5	30	29.3	28	28.4	31.5	25.7	89	76	67	70	69	74	74.2	------
23	59.20	59.73	60.60	59.54	59.98	60.84	59.98	26.4	26	30	29	28.1	27.6	27.8	31	24.6	81	80	64	63	66	79	72.2	------
24	60.40	60.13	60.94	58.91	59.39	60.45	60.04	26.1	26	29.5	31	29	27.2	28.1	31.8	25	83	84	68	62	64	75	72.7	------
25	59.69	59.89	60.42	58.32	58.83	59.52	59.44	26	25.7	29.5	29	28	27.1	27.6	31.5	24.5	81	78	66	75	77	78	75.8	------
26	59.08	59.49	59.98	57.88	58.38	59.09	58.98	26	25.5	30	31	29.5	28	28.3	32.1	24.5	84	85	65	62	66	74	72.7	------
27	58.67	58.74	59.79	57.74	57.97	59.22	58.69	25.8	26.3	29	31.5	29.5	28.1	28.4	32	24.6	81	78	66	62	66	78	71.8	------
28	58.44	58.67	59.83	57.93	58.37	59.77	58.84	27	27	30	30.5	29.6	28.4	28.8	32	25.8	83	84	71	67	66	80	75.2	------
29	59.39	59.50	59.62	56.85	57.89?	58.93	58.70	27	27	30	31	29.6	28.1	28.8	32.2	25.2	78	80	62	53	69	77	69.8	------
30	58.88	58.74	59.75	57.28	58.19	59.27	58.68	27	27.6	29.5	30.5	29.4	28.7	28.8	32.4	25	80	76	75	70	72	83	76	------
Mean	60.09	60.51	61.20	58.99	59.38	60.77	60.16	26.4	26.2	29.4	30.2	29.2	27.8	28.2	31.5	24.8	80.5	80.8	67.4	64.2	68.4	75.9	72.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	E	NE	NE	NE	38.2	69.7	145.1	49.4	302.4	2	------	Cu. ENE	2	------	Cu. ENE
2	NE	N	NE	NE	NNE	N	35	62.8	140.8	65.6	304.2	2	------	Cu. ENE	2	------	Cu. ENE
3	E	NE	NE	NE	NE	N	31.1	93.5	133.9	65.6	324.1	2	------	Cu. ENE	2	------	Cu. ENE
4	E	E	NE	NE	NE	N	46.4	110.5	143.9	58.2	359	4	------	Cu. ENE	2	------	Cu. ENE
5	NE	NW	NE	NE	NE	N	45.5	96.2	122.3	84.4	348.4	2	------	Cu. ENE	2	------	Cu. ENE
6	N	NE	NE	NE	NE	N	47.9	82.6	139.5	87.4	357.4	3	------	Cu. ENE	2	------	Cu. ENE
7	N	N	NNE	NE	N	N	59.8	81.8	123.1	67.2	331.9	2	------	Cu. ENE	2	------	Cu. ENE
8	N	N	NE	NE	NE	NE	50.4	102.2	150.3	139.3	442.2	2	------	Cu. ENE	3	------	Cu. ENE
9	N	N	NE	NE	NE	N	91	118.6	129.9	161	500.5	2	------	Cu. ENE	2	------	Cu. ENE
10	N	N	NE	NE	NE	NE	72.4	133.3	174.2	148.9	528.8	2	------	Cu. ENE	3	------	Cu. ENE
11	NE	N	NNE	NE	NE	N	106.1	114.3	160.3	138.4	519.1	2	------	S.-Cu. ENE	3	------	Cu, ENE
12	N	N	NE	NE	NE	NE	87.2	127.7	154.3	150.5	519.7	2	------	Cu. ENE	3	------	Cu. ENE
13	NNE	N	NE	NE	NE	NE	76.1	103.3	202.1	136.2	517.7	2	------	Cu. ENE	3	------	Cu. ENE
14	N	N	NE	NE	NE	NE	91.7	123.7	152.5	107	474.9	3	Ci.	Cu. ENE	3	------	Cu. ENE
15	N	N	NE	NE	NE	N	40.9	78.1	137.4	70.1	326.5	3	------	S.-Cu. ENE	2	Ci.	Cu, ENE
16	N	N	NE	NE	NE	N	39.7	83.7	132.7	94.7	350.8	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
17	N	NE	NE	NE	NNE	N	49.5	55.9	124.7	78.9	309	2	------	Cu. ENE	2	------	Cu. ENE
18	N	N	SE	NE	NE	NE	41	56.3	117.5	67.3	282.1	2	------	Cu. ENE	3	------	Cu. ENE
19	E	E	NE	NE	NE	N	57.5	95.5	153.7	122.5	429.2	4	------	Cu. ENE	2	Ci.	Cu. ENE
20	N	N	NE	NE	NE	NE	74.5	127.1	143.7	168.7	514	3	------	Cu. ENE	4	A.-Cu.	Cu. ENE
21	N	N	NE	NE	NE	N	65.6	128.7	174.1	125.9	494.3	5	------	Cu.-N. ENE	5	------	Cu. ENE
22	N	N	NE	NE	NE	NE	67.6	131.6	164.2	213.6	577	3	------	S.-Cu. ENE	3	------	Cu. ENE
23	NE	N	NE	NE	NE	NE	93.2	121	165.5	93.7	476.4	2	Ci.	Cu. ENE	7	------	S.-Cu. ENE
24	N	N	NE	NE	NE	N	72.4	122	188.1	121.9	504.4	2	------	Cu. ENE	4	------	Cu. ENE
25	N	N	NE	NE	NE	N	64.6	145.5	170.1	87.6	467.8	3	------	S.-Cu. ENE	4	Ci.	Cu. ENE
26	NW	N	NE	NE	NE	NE	68	85.7	134.1	109.2	397	5	------	S.-Cu. ENE	2	------	Cu. ENE
27	N	N	NNE	NE	NE	N	71.3	105.9	134.3	118	429.5	2	------	Cu. ENE	3	------	Cu. ENE
28	N	N	NE	NE	NE	NE	52.8	97.7	147.8	115.3	413.6	4	Ci.-S.	Cu. ENE	3	Ci.	Cu. ENE
29	NE	N	NE	NE	N	N	78.3	82.4	141.3	86.6	388.6	2	------	Cu. ENE	3	Ci.	Cu. ENE
30	N	NE	NE	NE	NE	NE	56.7	62.5	137.9	78.1	335.2	3	Ci.-S.	Cu. ENE	5	Ci.	Cu.
Mean	------	------	------	------	------	------	62.5	100	148	107	417.5	2.6	------	------	3	------	------
Total	------	------	------	------	------	------	------	------	------	------	12,525.7	------	------	------	------	------	------

CEBU.

[φ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

MAY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginnig 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.41	58.24	59.41	56.95	58.06	59.02	58.35	27.5	27.5	31.3	32.3	30	29	29.6	33.5	25.9	84	86	70	64	73	83	76.7	22.4
2	58.69	58.21	59.43	56.86	58.20	59.31	58.45	25.4	26.5	29.1	29	29	27.7	27.8	31	24.5	94	90	81	78	74	85	83.7	------
3	58.67	58.79	59.03	56.87	58.01	58.92	58.38	26.7	26.6	30	30	29.3	28.2	28.5	31.8	25.9	88	87	73	71	72	83	79	------
4	57.99	58.34	58.70	56.12	57.01	57.77	57.66	27.3	27	29.9	30.4	29.5	28	28.7	31.2	26.4	86	86	71	63	68	78	75.3	------
5	57.35	58.27	58.87	56.86	57.29	58.37	57.84	28	28	31.5	31	30	28.4	29.5	33	25?	76	77	69	59	67	75	70.5	------
6	58.07	58.22	58.58	57.26	57.73	58.57	58.07	27.5	27.5	30	31	29.6	28.3	29	32	25.5	82	84	69	62	70	75	73.7	------
7	57.83	57.74	58.46	56.17	56.49	58.17	57.48	27	26.5	29.5	30.5	30	28.9	28.7	32	25.5	78	82	71	68	71	78	74.7	------
8	57.34	57.23	58.73	57	57.14	58.04	57.58	27.6	28	29.9	30.3	29.5	28	28.9	31.5	26	81	77	65	68	72	81	74	------
9	57.45	57.91	58.96	57.63	57.24	58.82	58	27.2	26.1	29.4	28.2	28.5	27.7	27.8	30.6	25	83	87	76	80	74	78	79.7	.5
10	57.94	58.36	58.25	56.26	57.12	58.52	57.74	26.9	26.5	29	30.5	29.5	27.6	28.3	31.5	24.8	81	84	74	65	75	84	77.2	------
11	57.89	58.26	58.78	56.72	58.25	58.75	58.11	27	27	30	32.5	30.1	29.2	29.3	35	26	84	84	71	65	74	81	76.5	------
12	57.92	58.47	59.91	57.57	58.13	59.37	58.56	27.8	28	30.3	31	30.5	28.5	29.4	32.5	26.5	83	85	76	71	74	85	79	------
13	58.34	58.87	59.10	56.82	57.46	59.04	58.27	27.2	28	30.5	32.5	29.5	28.8	29.4	34	25.5	83	82	72	66	79	86	78	2.5
14	58.37	58.89	59.46	57.26	57.97	59.40	58.56	27.5	27.8	28.5	30.9	29.6	29.1	28.9	31.4	26.3	88	86	85	71	79	86	82.5	------
15	58.88	58.72	59.48	57.21	57.90	59.26	58.58	27.8	27.4	28.5	29	29.5	28.9	28.5	31.7	26.4	88	89	83	78	75	78	81.8	------
16	58.48	58.14	58.71	56.70	56.97	59.11	58.02	28	27	29.5	31.5	31	28.8	29.3	33	26.3	88	84	79	68	71	85	79.2	------
17	58.67	58.90	59.50	57.40	58.16	59.62	58.71	28	27.5	30.3	31	29.5	28.6	29.2	32	26.8	85	84	75	69	78	82	78.8	------
18	59.52	60.01	60.62	58.52	59.15	60.58	59.73	28	28.6	30.5	31.5	31	29.2	29.8	33.2	26.8	81	78	68	63	69	80	73.2	------
19	60.02	60.49	60.65	58.07	59.02	59.82	59.68	27.2	27.6	31	31.4	30.5	29.3	29.5	33	26.1	87	86	72	73	77	83	79.7	------
20	59.28	59.41	59.21	56.86	57.87	58.61	58.54	28	27.6	29	31.5	30.4	29.8	29.4	32.1	26.6	80	84	78	73	76	79	78.3	------
21	58.13	58.78	58.88	56.72	56.50	57.96	57.83	28.7	29	29.5	30	30.5	28.9	29.4	31.8	26.9	78	80	78	80	73	71	76.7	------
22	57.75	58.02	58.45	56.82	58.79	60.18	58.34	27.7	27.5	30	30.3	25.4	24.9	27.6	31.1	23.5	81	84	75	79	88	89	82.7	6.1
23	59.62	58.79	59.39	57.59	58.47	60.12	59	25.6	26.5	28.6	29.8	29.1	27.3	27.8	30.2	24.6	90	88	80	75	80	84	82.8	.5
24	59.32	59.54	59.77	57.78	58.35	59.74	59.08	26	26.3	29.5	30.5	30	28.5	28.5	31.8	25.2	90	87	71	70	77	83	79.7	.8
25	59.43	59.99	60.01	58.32	58.70	60.23	59.45	27.5	27.3	30	31.7	30.9	28.9	29.4	33	26.1	81	88	75	63	64	80	75.2	------
26	59.69	59.99	60.26	57.92	58.70	59.57	59.36	27.9	28	31.5	32	30.5	29.5	29.9	33.2	26.1	86	88	73	61	68	80	76	------
27	59	59.89	60.10	57.76	58.32	59.83	59.15	27	26	30.5	32	31	29.1	29.3	32.5	24.9	88	90	74	69	77	83	80.2	3.8
28	59.49	60.60	60.49	58.13	58.65	60.28	59.61	28	26.2	27.9	30	29.4	28	28.2	31.2	25	79	90	80	74	72	79	79	------
29	59.59	59.77	60.07	57.66	58.12	59.17	59.06	27	27	29.1	30.5	30	28.7	28.7	31.5	25.7	86	88	82	75	78	83	82	------
30	58.99	58.52	58.35	56.75	56.85	57.84	57.88	27.6	27	30	32	30.3	29.1	29.3	34	26	78	88	78	66	80	83	78.8	------
31	57.55	57.78	57.87	55.82	56.44	57.39	57.14	27.4	27.2	30.5	32	31	29	29.5	34	26.2	87	89	75	63	64	78	76	------
Mean	58.57	58.81	59.27	57.17	57.84	59.08	58.46	27.4	27.2	29.8	30.9	29.8	28.5	28.9	32.3	25.7	84	85.2	74.8	69.4	73.8	81.2	78.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	36.6

Day.	Wind. Direction.						Wind. Total movement in 6 hours.				Wind. Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	E	E	NE	N	NE	43.5	58.7	78.6	30.1	210.9	7	-----	Cu.-N. ENE	5	Ci.	Cu.
2	N	NW	NE	NE	SW	NE	36.4	61.4	52	42.5	192.3	6	Ci.	Cu.-N. ENE	7	Ci.	Cu.-N. ENE
3	SW	E	NE	NE	NE	N	24.3	91.8	117.2	54.6	287.9	4	-----	Cu. ENE	3	Ci.	Cu.
4	E	E	NE	NE	NE	N	47	78.5	126.5	38.6	290.6	6	-----	S.-Cu. ENE	3	Ci.	Cu.
5	Calm	N	NE	NE	N	N	18	31.8	114.8	64.1	228.7	3	Ci.	Cu. ENE	2	Ci.	Cu. ENE
6	NE	NE	NE	NE	NE	N	39.9	88.3	124	80.4	332.6	2	-----	Cu. ENE	2	-----	Cu. ENE
7	N	N	NE	NE	NE	NE	58.4	88.8	159.3	167.4	473.9	2	-----	Cu. ENE	2	-----	Cu. ENE
8	NE	NE	NE	NE	NE	NE	76.8	123.6	103.2	113.3	416.9	3	-----	Cu. ENE	6	-----	Cu. ENE
9	NE	N	NE	NE	NNE	NNE	68.4	110.2	162.6	98.8	440	4	-----	Cu. ENE	7	Ci.	Cu.-N. ENE
10	N	NNE	N	NE	NE	N	57.6	64.1	90.9	72.4	285	8	-----	Cu.-N. ENE	7	Ci.	Cu. ENE
11	N	N	S	SE	NE	N	49.7	35.4	64.4	27.1	176.6	4	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. ENE
12	N	NE	SE	NE	NE	E	23.9	47.9	122.7	71.6	266.1	3	Ci.	Cu. ENE	5	Ci.-S.	Cu. ENE
13	NE	N	NE	NE	S	SW	41.8	85	57.9	130.4	314.6	3	Ci.	Cu. ENE	4	Ci.-S.	Cu.
14	W	S	S	S	S	SW	47.7	54.3	88.8	99	289.8	6	A.-Cu.	Cu.	6	Ci.-S.	Cu.
15	S	SW	S	SW	S	S	139.7	179.3	104.2	35.1	458.3	4	Ci.	Cu. WSW	6	Ci.-S.	Cu.
16	SW	W	S	SE	NE	S	27.8	30.1	56.8	53.9	168.6	4	Ci.	Cu.	6	Ci.	Cu.
17	E	NE	S	NE	E	SE	66.1	52.5	115.1	48.1	281.8	6	Ci.-S.	Cu.	3	Ci.-S.	Cu. SSW
18	NE	E	S	NE	NE	N	73	48.3	102.6	54.4	278.3	4	Ci.	Cu.	3	Ci.	Cu. E
19	NW	NW	NE	NE	S	W	32.2	61.2	68	35.9	197.3	3	Ci.	Cu. E	3	Ci.	Cu.
20	SW	SW	S	S	S	W	46.3	79.3	102.7	51.9	280.2	3	Ci.	Cu.	6	Ci.-S.	Cu.-N. SW
21	W	NW	S	S	SW	W	35.6	75.5	89.1	55	255.2	3	Ci.-S.	Cu. WSW	7	Ci.-S.	Cu.-N. WSW
22	NW	W	S	SW	N	W	23.9	62	123.1	43.5	252.5	8	-----	Cu.-N.	8	Ci.-S.	Cu.-N.
23	W	SW	SW	S	SW	NW	63.3	136.8	159.9	85.8	445.8	7	-----	S.-Cu.	7	-----	S.-Cu. WSW
24	N	NW	SE	S	SE	NE	44.8	37.3	74.8	28.9	185.8	5	A.-Cu.	Cu.	4	Ci.	Cu.
25	NE	NW	S	NNE	NE	N	25.7	35.6	120.7	59.7	241.7	3	Ci.	Cu. E	3	Ci.	Cu. E
26	N	W	SE	NE	NE	SE	25.6	37	117.5	56.7	236.8	3	-----	Cu. E	3	Ci.-S.	Cu.
27	NW	NNE	S	S	S	N	57.3	60.2	72.9	46.8	237.2	5	Ci.	Cu.-N. E	4	Ci.	Cu. E
28	N	E	SW	S	S	SW	50.3	89.9	71.6	36.7	248.5	8	-----	Cu.-N. SW	5	Ci.-S.	Cu.
29	W	W	S	S	S	S	31.4	53.9	61.2	16.3	162.8	3	Ci.	Cu. ENE	4	Ci.	Cu.
30	S	W	S	NE	S	N	39.1	42.5	64.1	37.6	183.3	3	-----	Cu. E	4	Ci.	Cu.
31	W	NW	SE	SE	NE	N	25.3	35.1	72	47.5	179.9	3	Ci.	Cu.	3	-----	Cu.
Mean	-----	-----	-----	-----	-----	-----	46.5	68.9	98	60.8	274.2	4.4	-----	-----	4.7	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	8,499.9	-----	-----	-----	-----	-----	-----

CEBU.

[φ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

JUNE, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.35	58.34	58.38	57.17	57.56	59	57.97	28.3	28.5	31.1	31.6	31	29.5	30	33	26.9	80	81	65	63	62	80	71.8	------
2	58.69	59.42	59.88	57.46	58.35	59.61	58.90	27.8	27.5	31.5	31.9	31	29.8	29.9	33.3	26	84	86	64	61	64	76	72.5	------
3	59.01	59.68	59.25	57.75	58.68	59.08	58.91	28.1	28.2	32	31	29.5	28.2	29.5	33	26.9	81	81	67	69	68	80	74.3	6.4
4	58.54	59.17	59.56	57.37	58.01	59.06	58.62	27.6	27.2	30.4	30.1	30.5	29	29.1	32.5	25.5	84	87	72	68	62	82	75.8	------
5	57.84	58.14	59.05	57.45	57.47	59.15	58.18	28	28.2	31.5	31	30.5	29	29.7	33.1	27.1	84	83	66	65	68	76	73.7	------
6	58.34	58.52	59.30	57.62	58.52	59.53	58.64	28	26.8	31.5	31	27.1	27	28.6	32.2	25.7	83	82	66	67	76	84	76.3	------
7	59.09	59.17	59.58	57.04	57.22	58.47	58.43	27.1	27	29.5	32	30.5	29.5	29.3	33	25.5	80	80	71	56	66	73	71	------
8	57.88	58.42	58.15	55.95	56.35	58.39	57.52	27.5	27.2	31.5	31	30	26	28.9	33.3	25	83	85	66	65	70	88	76.2	3.3
9	57.05	57.11	57.74	55.87	56.38	57.37	56.92	26	26.5	30	31.5	30	28.2	28.7	32	24.8	88	86	70	61	71	82	76.3	------
10	56.38	57.14	57.41	55.68	56.47	58.02	56.85	27.3	27	30	30.1	30	28.1	28.8	33.6	25.9	83	84	71	71	70	79	76.3	------
11	57.39	57.55	57.98	55.75	56.37	57.96	57.17	27.6	28	31	32	30.5	29	29.7	34	26.3	82	83	65	66	73	83	75.3	------
12	57.45	57.94	58.66	56.69	57.54	58.47	57.79	28	27.7	30.5	30.5	29.5	28.1	29	33.1	26.3	81	83	70	71	78	84	77.8	.8
13	57.95	57.73	58.21	56.60	57.17	58.82	57.75	27.4	27	30.5	31.5	30	28	29.1	32.1	25.4	86	88	69	63	75	85	77.7	11.7
14	57.62	57.30	57.78	56.17	56.27	57.62	57.13	27.6	27	30	31.4	30.5	29.1	29.3	32.1	25.8	86	82	71	62	67	78	74.3	------
15	57.25	57.78	58.26	56.70	57.16	58.25	57.57	27.9	28	30.9	31.6	30.7	29	29.7	32.5	26.6	82	82	66	65	70	78	73.8	------
16	57.94	58.14	58.85	57.91	58.27	59.51	58.44	27.4	28	30.9	31	29.6	28.5	29.2	32	24.5	80	77	66	70	77	84	75.7	.5
17	58.96	58.48	58.51	57.05	57.57	58.73	58.22	28	27.7	31	31	30.5	29.5	29.6	32	26.9	83	83	65	69	68	75	73.8	------
18	58.02	57.72	58.12	56.34	56.91	57.84	57.49	27.6	27.9	30.7	32	30	29	29.5	32.6	26	81	79	67	60	71	76	72.3	.5
19	57.39	57.54	57.97	56.10	56.77	58.05	57.30	27.4	28.7	31	31	31	29.2	29.7	32.5	26.6	81	73	65	69	69	80	72.8	4.6
20	57.14	57.34	57.63	55.75	56.72	57.57	57.02	27.8	26.5	30	31	30.5	28.8	29.1	32.6	23.4	86	88	75	64	65	79	76.2	1.3
21	57.34	57.35	58.51	56.37	57.11	58.79	57.58	26.7	27.2	29.1	30	29.5	28.5	28.5	33	25.5	86	83	76	71	75	81	78.7	------
22	57.53	58.14	58.32	56.61	57.84	58.39	57.80	26.6	26.7	29	31	28.5	27.3	28.2	32	25.7	83	83	76	65	70	84	76.8	2
23	56.80	57.99	57.66	55.76	56.85	58.21	57.21	27.3	25	30.5	31.6	28.5	26.1	28.2	32.1	23	84	88	72	59	81	85	78.2	15
24	57.76	57.62	58.27	56.59	57.11	58.02	57.56	23.9	25.7	28.1	29.5	27.2	27.1	26.9	31	22.3	91	83	75	68	84	86	81.2	25.9
25	57.90	58.50	58.32	56.99	57.46	58.75	57.99	26	24	27	26	26.5	26.3	26	29	23.1	90	87	77	84	88	90	86	9.6
26	58.12	57.86	58.74	57.23	57.49	59.34	58.13	26.3	26.9	29	30.5	29	26.5	28	31.7	23.4	84	85	74	62	71	82	76.3	.5
27	58.90	58.45	59.15	58.01	58.37	59.22	58.68	26.5	26.5	30.7	30.5	26.8	27.4	28.1	32.4	25.1	88	86	74	68	86	83	80.8	2.5
28	59.15	58.82	59.61	58.24	58.41	59.79	59	26	25.8	28.1	27.1	27.5	26.7	26.9	28.5	24.7	85	85	77	83	84	89	83.8	------
29	59.17	59.14	59.39	58.08	58.69	59.84	59.05	26	26.3	28.8	31	26.5	26.6	27.5	32	25.4	86	88	79	67	88	87	82.5	7.6
30	59.18	59.34	59.86	58.25	58.07	59.47	59.03	26.5	26.3	29	30.8	29.5	28.2	28.4	31.3	25.5	88	86	78	71	78	84	80.8	------
Mean	57.97	58.19	58.60	56.88	57.44	58.68	57.96	27.1	27	30.2	30.7	29.4	28.1	28.8	32.2	25.4	84.1	83.6	70.5	66.8	73.2	81.8	76.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	92.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	E	NE	NE	NE	NE	27.2	69	132	41.8	270	3	------------	Cu. E	2	------------	Cu.
2	NE	N	NE	NE	NE	NE	31.8	54.1	107	46.3	239.2	2	Ci.	Cu.	4	Ci.-S.	Cu. E
3	N	N	SW	NE	NE	N	37.5	72	199.6	68.6	377.7	3	Ci.	Cu. E	6	Ci.-S.	Cu.
4	NW	N	NE	NE	NE	S	46.7	82.8	109.7	62.6	301.8	5	Ci.	Cu. ENE	6	Ci.-S.	Cu.
5	E	E	ENE	NE	NE	N	56.3	98.2	129.5	72.3	356.3	3	Ci.	Cu. E	3	Ci.	Cu. E
6	E	N	NE	NE	NE	N	45.9	99.8	153.1	72.4	371.2	3	Ci.	Cu. E	6	Ci.	Cu. E
7	N	N	NE	NE	NE	NE	61.7	96.1	111	107.6	376.4	3	Ci.	Cu. ENE	3	Ci.	Cu.
8	N	N	NE	NE	N	SE	60.5	81.5	103.3	81.5	326.8	3	Ci.	Cu. E	5	Ci.-S.	Cu. E
9	NW	NW	NE	NE	NE	N	41.8	63.5	125.2	69.2	299.7	5	Ci.-S.	Cu. E	4	Ci.-S.	Cu.
10	N	N	S	NE	NE	N	19.7	32.1	85.3	39.6	176.7	4	Ci.-S.	Cu. E	6	Ci.-S.	Cu.-N.
11	N	NE	NE	NE	NE	E	27.4	43.9	74	31.4	176.7	3	Ci.	Cu. E	3	Ci.-S.	Cu.
12	N	N	SE	NE	NE	N	29.3	33.4	95.2	56.6	214.5	7	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
13	E	NE	NE	NE	NE	NE	22.1	76.4	127.1	71.6	297.2	3	Ci.	Cu. E	3	Ci.	Cu. E
14	N	N	NE	NE	NE	N	63.8	99.6	103.8	57.1	324.3	6	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu. ENE
15	N	ENE	NE	NE	NE	N	50.7	95.8	113.5	104.6	364.6	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
16	N	N	NE	NE	NE	E	88.9	98.6	122	55.7	365.2	3	Ci.	Cu. ENE	6	Ci.-S.	Cu. ENE
17	NE	N	NE	NE	NE	NE	57.6	122	134.4	126.7	440.7	6	Ci.-S.	S.-Cu. ENE	4	Ci.-S.	Cu. ENE
18	N	N	NE	NE	NE	NE	72.1	112.7	132	101.4	418.2	4	Ci.	Cu. ENE	3	Ci.	Cu. ENE
19	N	N	NE	NE	NE	N	65	88.3	110.2	68.9	332.4	4	Ci.-S.	Cu. ENE	5	Ci.-S.	Cu. ENE
20	N	NW	S	NE	NE	N	54.6	55.2	99.2	67	276	7	------------	S.-Cu. ENE	4	Ci.-S.	Cu. ENE
21	NW	NW	S	S	Calm	NE	37.1	39.1	73.7	57.6	207.5	5	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu. ENE
22	SW	Calm	S	NE	E	Calm	44.8	28.4	99.2	44	216.4	6	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu. ENE
23	E	NW	NE	NE	SE	N	67.9	57.1	110.2	69.2	304.4	7	------------	Cu.-N. ENE	4	A.-Cu.	Cu. ENE
24	SE	SW	SW	S	SW	SW	60.4	66.7	50.8	32.2	210.1	7	------------	S.-Cu.	8	------------	Cu.-N. ENE
25	N	N	S	N	Calm	NW	55	31.9	59.9	27.1	173.9	9	------------	N. ENE	9	------------	Cu.-N. NW
26	S	W	S	SW	SW	SE	96.1	80.5	116.1	62	354.7	4	A.-Cu.	Cu. SW	4	Ci.	Cu. SW
27	N	N	E	S	NW	Calm	36.9	43.7	46.9	38.2	165.7	3	Ci.	Cu. SW	6	Ci.-S.	Cu.-N.
28	W	N	Calm	SE	SE	SW	30.8	21.7	35.3	26.4	114.2	8	------------	Cu.-N.	9	------------	Cu.-N. WSW
29	W	Calm	S	S	SW	W	23.3	53.9	59.9	35.8	172.9	7	------------	S.-Cu. ENE	4	Ci.-S.	Cu.
30	W	SW	S	S	S	W	50.6	64.8	53.9	55.2	224.5	3	Ci.	Cu.	7	Ci.-S.	Cu. SW
Mean	------	------	------	------	------	------	48.8	68.8	102.4	61.7	281.7	4.6	------------	------------	5.1	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	8,449.9	----	------------	------------	----	------------	------------

CEBU.

[φ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

JULY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.57	59.88	59.98	57.57	57.57	58.62	58.86	26.9	26.4	29.5	32	30	28.3	28.8	32.4	25.3	86	87	75	57	69	79	75.5	-----
2	58.17	58.14	57.96	55.83	56.97	58.29	57.56	28	26.8	29.9	30.7	29.9	28.6	29	31.2	25.6	79	84	72	66	72	85	76.3	32
3	58.38	57.86	57.54	56.07	57.01	58.45	57.55	24.6	25.5	29.5	31.5	30	29.1	28.4	32.2	23	92	88	75	63	71	75	77.3	-----
4	57.78	58.67	58.98	57.55	57.56	59.09	58.27	27.3	27.3	30.3	30	29.3	28.7	28.8	32.5	26.5	87	88	72	75	79	83	80.7	-----
5	58.58	58.79	59.25	57.90	58.32	59.34	58.70	27.4	26.7	29	32	29.5	28.7	28.9	32.6	25.5	87	86	81	65	78	83	80	-----
6	58.87	59.04	59.44	57.60	58.33	59.54	58.80	26.5	26.3	28.1	32.2	28.5	28	28.3	33.5	25.3	85	83	79	62	83	85	79.5	9.7
7	58.89	59.32	59.75	57.81	58.70	59.90	59.06	27.2	26.3	30.3	31.5	30.4	29.7	29.2	32	25.2	85	85	68	60	64	73	72.5	-----
8	59.85	60.37	60.27	58.69	58.82	60.52	59.75	27.4	27	30	32	30.5	29.3	29.4	33	25.7	81	84	70	60	65	74	72.3	-----
9	59.94	60.22	60.78	58.74	59.30	60.40	59.90	27.5	27.4	32	33	30.8	29	30	34.2	26	83	84	60	52	67	78	70.7	-----
10	59.24	59.49	60.30	58.07	58.43	59.77	59.22	28	27.2	30.5	32.6	30.4	28.9	29.6	33.5	26.1	82	85	70	60	69	76	73.7	.5
11	59.19	59.02	59.80	58.23	58.66	59.67	59.10	27.5	27	30	30	28.2	27.3	28.3	32	26.1	81	84	71	76	85	85	80.3	2.3
12	59.17	58.89	59.57	58.06	58.12	59.09	58.82	26.6	26.3	29.5	28.7	28.5	26.5	27.7	30.5	25	85	87	75	73	74	83	79.5	.8
13	58.05	58.11	58.32	56.72	57.06	58.19	57.74	26.1	26.6	30	30	29	25.8	27.9	31.5	24.6	82	80	65	67	64	88	74.3	8.6
14	57.06	57.34	57.78	56.23	56.31	57.78	57.08	25.7	25.7	29.5	30.1	29.5	27.8	28	31.6	24.3	87	83	72	69	64	76	75.2	1.5
15	57.14	57.24	57.47	56.47	56.84	58.26	57.24	26.4	26.3	29.4	30.1	29.6	26.4	28	32	24.4	82	83	74	68	74	81	77	-----
16	58.14	57.92	58.57	57.29	57.17	58.46	57.92	26.4	27.5	30.3	30	28.5	27.5	28.4	31.9	25.3	85	79	66	63	78	81	75.3	-----
17	57.71	57.66	57.84	56.46	56.81	58.10	57.43	26.8	26.7	30.4	32	30	27	28.8	33	25.3	83	83	69	63	67	80	74.2	2
18	57.06	57.21	57.22	55.46	56.48	58.06	56.92	26.7	26.8	29.5	31	30	28.8	28.8	31.6	25.2	86	85	78	69	71	78	77.8	-----
19	56.87	56.77	56.96	55.51	55.97	57.24	56.55	27.6	27.5	29.6	30.6	29.9	28	28.9	32.5	26	82	82	74	70	72	80	76.7	-----
20	56.45	56.57	57.19	55.71	56.19	57.42	56.59	27.1	27	29.8	31.1	30	27.1	28.7	33	25.9	83	84	76	71	74	89	79.5	10.2
21	57.44	57.79	57.93	56.68	58.05	59.51	57.90	25.6	26.2	28.4	30.5	29.5	28.3	28.1	31.5	24.5	88	82	77	68	75	82	78.7	2.5
22	58.87	58.60	59.58	58.11	59.03	59.79	59	27.2	27	29.5	30.5	28.5	28	28.4	31.1	25	87	84	73	68	78	85	79.2	-----
23	58.68	58.59	59.98	58.01	57.48	58.57	58.55	27.3	26.5	29.5	29.5	29.5	28.7	28.5	31	24.9	78	82	75	71	75	78	76.5	-----
24	57.63	57.14	57.29	55.37	55.87	57.68	56.83	27.4	27.6	29.5	31	29.5	29	29	31	26.5	78	76	74	65	76	74	73.8	.5
25	56.38	56.49	56.94	55.88	56.22	57.17	56.51	27.2	26.9	29	27	27.8	27.2	27.5	29.8	25.6	78	82	75	83	77	77	78.7	.8
26	57.19	56.75	56.41	54.77	56.26	56.99	56.40	27.2	27.3	29.3	30.1	27.5	27.9	28.2	30.7	25.9	76	75	69	75	76	82	75.5	-----
27	56.45	56.15	56.09	54.98	54.76	56.19	55.77	27	28	29.7	31.5	29	25	28.4	31.9	24	83	77	67	59	71	92	74.8	24.4
28	55.26	54.94	55.54	53.88	54.14	55.14	54.82	25.5	26	27.4	27.5	27	26.1	26.6	29.4	23.9	81	88	85	84	80	84	83.7	15.5
29	54.04	53.89	54.11	52.68	53.39	54.09	53.70	27.4	25	27.5	27.5	27.8	28	27.2	28.5	23.5	77	88	77	84	79	74	79.8	5.3
30	53.19	53.69	54.84	54.60	55.39	56.10	54.64	27.6	27	28.5	28.5	27.9	27.7	27.9	29.4	23.9	74	81	78	67	78	79	76.2	3.8
31	55.78	55.83	56.80	55.81	55.81	57.22	56.21	27.5	27.1	28.5	29.5	29	28.7	28.4	30	25.6	81	79	77	72	74	77	76.7	-----
Mean	57.65	57.69	58.08	56.54	57	58.21	57.53	26.9	26.7	29.5	30.5	29.2	27.9	28.5	31.6	25.1	82.7	83.2	73.2	67.9	73.5	80.5	76.8	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	120.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	S	S	S	SW	25.3	38.6	81.3	56.3	201.5	4	Ci.-S.	Cu.	3	Ci.	Cu.
2	SW	Calm	S	S	NE	Calm	44.8	71.4	117.5	29.5	263.2	4	Ci.	Cu. SW	3	Ci.	Cu.
3	NE	Calm	SE	S	SW	SW	59.4	31.9	73.3	67.4	232	3	Ci.	Cu.	3	Ci.	Cu.
4	W	W	S	S	S	Calm	42.9	69.5	99.6	41.8	253.8	3	Ci.	Cu. ENE	4	Ci.	Cu.
5	Calm	Calm	S	SE	S	W	23	38.1	60.1	49.7	170.9	3	------	Cu. E	7	------	Cu. E
6	N	NW	Calm	SE	SW	SW	41.2	31.8	74	46.8	193.8	3	Ci.	Cu. E	6	Ci.-S.	Cu.
7	W	W	NE	NE	NE	SE	33.7	63.8	103.3	64.8	265.6	3	------	S.-Cu. E	3	Ci.	Cu. E
8	NW	Calm	NE	NE	NE	N	30.6	65	93.8	54.1	243.5	3	Ci.	Cu. E	3	------	Cu. E
9	Calm	Calm	E	NE	NE	N	33.4	46.4	109.7	72.4	261.9	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
10	N	Calm	NE	NE	NE	N	42.3	89.3	107.3	79.7	318.6	3	Ci.	Cu. ENE	3	Ci.-S.	Cu.
11	S	N	Calm	SE	Calm	NW	33.2	42.4	52.5	31.8	159.9	3	Ci.	Cu. ENE	5	Ci.-S.	Cu.-N. ENE
12	NW	Calm	S	NE	SW	NW	41.3	29.6	59.2	47.7	177.8	3	Ci.	Cu. ENE	9	------	Cu.-N. ENE
13	NW	NW	NE	NE	NE	SW	60.4	65.9	117.1	58.2	301.6	4	------	S.-Cu. ENE	6	Ci.	Cu. ENE
14	SE	N	Calm	NE	NE	N	44.3	36.7	84.5	66.3	231.8	5	A.-Cu.	Cu. ENE	4	Ci.	Cu.
15	N	NW	SE	NE	NE	N	49.5	39.4	113	63.8	265.7	8	------	S.-Cu.	4	Ci.	Cu. E
16	N	NW	NE	NE	N	N	44.6	69.5	102.7	50.7	267.5	3	Ci.	Cu. E	8	------	Cu.-N.
17	NW	NW	NE	NE	NE	E	58.2	88.7	100.1	59.8	306.8	4	Ci.	Cu. E	4	Ci.-S.	Cu.
18	Calm	NE	SE	S	S	N	25.7	43.9	77.5	42	189.1	3	Ci.	Cu.	4	Ci.	Cu.
19	Calm	W	Calm	SE	SW	W	27.2	42.8	72.5	22	164.5	3	Ci.	Cu. ENE	5	Ci.	Cu.
20	W	W	E	E	Calm	E	33	23.3	38.2	42.3	136.8	3	Ci.	Cu. ENE	5	Ci.	Cu.-N.
21	SW	SW	S	S	SW	SW	90.9	90.9	111	87.2	380	4	Ci.	Cu.-N. S	4	Ci.	Cu.
22	SW	SW	S	SSW	W	SW	58.4	97.7	102.7	86.9	345.7	4	Ci.-S.	Cu. WSW	7	Ci.-S.	Cu.
23	SW	Calm	S	SW	SW	SW	65.2	124.7	136	89.3	415.2	3	Ci.	Cu.	6	Ci.	Cu.-N.
24	SW	SW	S	SW	SW	SW	106.2	153.3	191.8	93.3	544.1	4	Ci.-S.	Cu. SW	5	Ci.-S.	Cu. SW
25	SW	SW	SW	SW	SW	SW	81.3	172	242.6	127.9	623.8	8	Ci.-S.	Cu.-N. SW	8	------	Cu.-N. SW
26	SW	SW	SW	S	S	S	156.1	286.1	239.9	207.2	889.3	4	Ci.-S.	Cu. WSW	6	A.-Cu.	Cu. SW
27	S	SW	SW	SW	SW	SW	176.2	221.4	279.4	182.5	859.5	8	A.-Cu.	Cu.-N. SW	7	Ci.-S.	Cu. SW
28	SW	SW	SW	SSW	SW	SW	198	232.6	213.3	107.8	751.7	9	------	Cu.-N. WSW	10	------	Cu.-N. SW
29	SW	SW	SW	SSW	S	SW	144	205.3	299.3	194.7	843.3	9	------	Cu.-N. SW	9	------	Cu.-N. SW
30	S	S	SSW	SW	SW	SW	176.3	356.4	259.1	294.5	1,086.3	7	A.-Cu.	Cu. SW	8	------	Cu.-N. WSW
31	SW	SW	SW	SW	SW	SW	201.5	224.2	212.4	99.8	737.9	6	Ci.-S.	Cu. SW	5	Ci.-S.	Cu. SW
Mean	------	------	------	------	------	------	72.5	103	129.8	84.5	389.8	4.4	------	------	5.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	12,083.1	------	------	------	------	------	------

CEBU.

[φ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

AUGUST, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.83	57.06	57.76	56.47	56.48	57.53	57.02	27	26.2	29.7	30.6	29	27.9	28.4	31.3	25.3	83	85	62	62	71	79	73.7	------
2	57.47	57.36	58.18	56.43	56.85	57.92	57.37	27.7	27.1	29.5	30.4	29	28.6	28.7	31.1	25	72	76	67	66	75	75	71.8	------
3	57.49	57.79	58.44	56.42	57.07	58.14	57.56	27	27.1	29	30.2	29.5	28.7	28.6	31	25.9	78	78	78	68	68	77	74.5	------
4	57.45	57.07	57.66	55.98	55.83	57.35	56.89	27	27.5	29.1	31	29.3	29.3	28.9	31.5	26	83	71	70	69	77	74	74	------
5	56.77	57.18	58.25	57.09	57.46	58.51	57.54	28.2	28	29.5	29.5	27	27.8	28.3	30.4	24.5	72	74	72	71	77	75	73.5	2.5
6	58.04	57.94	58.78	57.47	57.63	58.77	58.10	27.4	26.7	28.6	30.5	29.5	27.9	28.4	31	25.9	76	79	75	63	64	82	73.2	------
7	58.69	58.54	59.42	57.32	57.76	58.36	58.35	27.2	26.6	29.5	31	29.1	28.9	28.7	31.5	25.1	77	72	64	68	74	75	71.7	------
8	58.09	58.04	58.58	56.20	56.71?	57.79	57.57	27.4	26.7	29.5	30.4	30	29.2	28.9	31	25.5	76	79	72	72	71	74	74	------
9	57.04	56.60	57.68	55.98	56.76	58.37	57.07	28	27.9	29	30.5	30.5	28.6	29.1	31	26.5	76	73	79	72	65	65	71.7	------
10	57.67	57.97	58.60	57.13	58.16	59.55	58.18	28	27.6	29.5	30.5	30.5	29.5	29.3	31	26.5	72	75	75	68	65	68	70.5	------
11	58.91	59.38	59	57.69	58.31	59.50	58.80	27.8	27.8	29.5	29.6	29.1	29	28.8	30.1	26.7	68	70	72	75	74	71	71.7	------
12	59.38	59.19	59.08	57.62	57.15	58.19	58.44	27.4	27.6	29.9	30	29.5	28.3	28.8	31	26	70	73	65	71	71	72	70.3	------
13	57.85	57.94	58.61	56.50	57.02	58.18	57.68	27.6	27.5	29.9	30	29.5	29.4	29	31	26.5	64	65	62	68	71	71	66.8	------
14	58.08	57.89	58.01	56.87	57.57	58.53	57.82	28	27.6	29.5	30	29.5	28	28.8	30.8	26.7	65	74	71	74	71	82	72.8	------
15	57.80	57.53	58.72	56.87	58.22	59.39	58.09	27.2	27	29.5	30.3	27	27.4	28.1	31	24.3	78	78	77	72	77	87	78.2	16.8
16	58.36	58.85	59.28	57.06	57.97	59.10	58.44	26.8	25.9	28.1	29	26	26.4	27	30.2	24.4	89	91	79	78	84	80	83.5	9.4
17	57.80	57.81	58.02	56.31	56.34	57.34	57.27	26	26.8	28.5	28.7	26.5	25.3	27	30	24	80	71	74	75	87	87	79	15.7
18	56.27	56.20	57.04	55.16	56.03	57.94	56.44	25	25	28.7	29	28	26.3	27	30	24	88	90	73	74	77	84	81	38.9
19	56.57	56.21	56.54	55.95	56.43	57.59	56.55	25	26.2	28.5	25	26.6	26.9	26.4	30.5	23.8	92	82	70	90	91	77	83.7	21.6
20	56.53	56.34	57.02	55.59	56.54	57.27	56.55	26.9	26.9	29.5	30.6	30	28.7	28.8	31	25.9	79	73	69	66	70	71	71.3	------
21	56.62	56.75	57.38	56.20	56.72	57.85	56.92	27.5	27	29.9	30.5	30.1	29.5	29.1	31.2	26	73	80	59	70	67	70	69.8	------
22	57.04	56.99	57.99	56.57	56.97	58.09	57.28	27.4	27	29	30.5	29.5	28	28.6	30.9	26	78	77	74	66	72	77	74	------
23	56.93	56.74	58.03	56.48	56.32	58.17	57.12	27	27	29.8	31.1	29.5	29	28.9	31.5	25.8	80	84	71	62	75	72	74	------
24	57.64	57.49	58.57	56.73	57.38	58.87	57.78	27.5	27.1	29.5	31	29.4	28.5	28.8	31.5	26	78	75	70	62	72	78	72.5	9.1
25	58.06	58.21	59.18	57.42	58.35	60.53	58.62	24.8	26	28.7	30.8	29	24.6	27.3	31.1	22.3	91	80	78	67	74	85	79.2	12.7
26	59.98	60.03	60.02	57.96	58.67	60.12	59.46	25.3	25.3	28	29.4	29	25.4	27.1	30.6	24	83	82	77	78	76	88	80.7	47
27	60.49	60.65	60.82	59.18	59.26	60.53	60.16	23.1	23.9	27.9	29	28.2	26.2	26.4	30.5	21	90	76	73	71	76	82	78	------
28	60.03	60.14	60.73	58.80	59.08	60.79	59.93	25.4	25.2	29	31.5	30	28.1	28.2	32	23.6	80	82	69	60	66	78	72.5	------
29	60.17	59.89	59.67	57.89	58.11	59.06	59.13	25.8	25.5	29.5	32	30	27.5	28.4	33.6	24.5	81	80	75	57	68	77	73	------
30	59.09	59.24	59.47	57.81	57.56	58.62	58.63	26	25.4	30.5	28.5	29.7	27	27.8	32.4	24.5	76	77	65	70	71	78	72.8	11.4
31	58.13	58.41	58.83	57.63	57.57	58.87	58.24	26.6	26.2	28.7	26.5	27.5	25.6	26.8	30.5	23.4	82	82	76	80	77	81	79.7	1
Mean	57.98	57.98	58.56	56.93	57.36	58.61	57.90	26.7	26.6	29.2	29.9	28.9	27.8	28.2	31	25	78.4	77.5	71.4	69.8	73.4	77.2	74.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	186.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	SW	SW	SW	SW	46.7	116.7	129.5	86.1	379	2	Ci.	Cu.	5	A.-Cu.	Cu. SW
2	SW	SW	S	SW	SW	SW	68.2	74.1	167.4	69.2	378.9	3	Ci.	Cu.	3	Ci.	Cu. SW
3	SW	SW	S	SW	SW	SW	58.7	98.2	171.7	84	412.6	3	Ci.-S.	Cu.	6	Ci.-S.	Cu. SW
4	SW	SW	S	S	SW	SW	73.7	135.9	170.7	115.1	495.4	2	Ci.	Cu.	3	------------	Cu. SW
5	S	S	S	SW	SW	SW	100.6	157.7	199.3	94.9	552.5	5	A.-Cu.	Cu. SW	8	------------	Cu.-N. SW
6	SW	SW	S	SW	SW	W	76.9	107.7	166.8	55.5	406.9	6	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. SW
7	SW	W	SSW	S	SW	SW	73.9	111.7	172	91	448.6	2	Ci.	Cu.	3	------------	Cu.
8	SW	W	SSW	SSW	SW	SW	60.9	143.2	207.7	100.3	512.1	2	Ci.	Cu. SW	3	------------	Cu. SW
9	SW	SW	SSW	SW	SW	SW	141.1	208.5	206.9	147.5	704	3	Ci.	Cu. SW	4	Ci.	Cu. SW
10	SW	SW	SSW	SW	SW	SW	132.7	173.9	189.2	122.3	618.1	3	Ci.	Cu. SW	4	Ci.	Cu. SW
11	SW	SW	SW	SW	SW	SW	139.2	172.3	162.9	107	581.4	8	Ci.-S.	Cu. SW	8	Ci.-S.	Cu. SW
12	SW	SW	SW	S	SW	SW	98.7	164.2	204	87.5	554.4	3	Ci.	Cu. SW	5	Ci.-S.	Cu. SW
13	SW	SW	S	SW	SW	SW	80.2	139.7	180.9	96.7	497.5	4	Ci.-S.	Cu.	3	Ci.	Cu. SW
14	SW	SW	S	SW	SW	SW	95.7	159.8	201.9	51.5	508.9	3	Ci.	Cu.	3	Ci.	Cu.
15	W	W	S	S	SE	Calm	45.1	107	149.2	48.8	350.1	6	Ci.-S.	Cu.	6	Ci.-S.	Cu. SW
16	SW	SE	S	Calm	SW	SW	111.8	62.8	53.6	86.3	314.5	9	------------	N. WSW	8	------------	Cu.-N. W
17	SW	SW	S	Calm	Calm	W	55.7	69.2	35.9	35.9	196.7	8	------------	Cu.-N. NW	8	------------	Cu.-N. NW
18	W	Calm	SW	S	W	SE	40.1	94.1	123.1	57.1	314.4	3	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
19	SW	SW	S	W	SW	SW	126	119.7	108.3	86.9	440.9	4	A.-Cu.	Cu.-N. SW	10	------------	N. SW
20	SW	SW	SW	SW	SSW	SW	115.9	156.1	216.5	87.7	576.2	6	Ci.-S.	Cu. SW	5	Ci.-S.	Cu. SW
21	SW	SW	S	SW	SW	SW	59.5	115.9	155	61.7	392.1	3	Ci.	Cu.	5	Ci.	Cu. SW
22	SW	W	S	S	SW	SW	54.3	82.8	139.3	57.9	334.3	6	Ci.-S.	Cu. SW	8	Ci.-S.	Cu. SW
23	Calm	SW	S	S	SW	SW	33.9	133	181.1	69.7	417.7	7	Ci.-S.	Cu. SW	5	Ci.-S.	Cu. SW
24	SW	SW	S	S	SW	SW	57.1	84.9	153.7	94.5	390.2	7	Ci.-S.	Cu.	6	Ci.-S.	Cu.
25	SW	SW	S	S	SW	N	80.7	90.7	133.3	86.5	391.2	6	Ci.	Cu. SW	7	Ci.-S.	Cu.
26	SW	SW	S	S	S	Calm	111.2	83.3	99.8	68.6	362.9	8	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
27	S	W	NE	NE	NE	Calm	149.9	77.7	95.7	47.2	370.5	8	------------	S.-Cu. ENE	3	Ci.-S.	Cu. NNE
28	W	W	S	S	SW	Calm	54.9	43.5	54.7	42.5	195.6	3	Ci.	Cu.	3	Ci.	Cu.
29	Calm	Calm	S	Calm	NE	N	31.4	41.5	62	39.7	174.6	2	Ci.	Cu.	4	Ci.	Cu.-N.
30	Calm	N	S	S	SW	NW	31.1	39.7	54.3	34.8	159.9	7	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu.-N.
31	Calm	NW	SE	NE	SW	W	30.9	53.3	58.1	45.3	187.6	6	Ci.-S.	Cu. NNE	8	------------	Cu.-N.
Mean	------	------	------	------	------	------	78.6	110.3	142.1	76.1	407.1	4.8	------------	------------	5.5	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	12,619.7	----	------------	------------	----	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.96	58.09	58.79	56.88	57.01	58.22	57.82	26	26	29	29.1	29.8	27.7	27.9	31.9	24.2	85	84	74	70	69	74	76	2.3
2	57.94	58.24	58.38	56.23	56.88	58.24	57.65	26.4	26.5	29.1	30.5	28.6	28.4	28.2	31.8	24.4	79	80	67	65	77	71	73.2	------
3	57.56	57.86	58.18	56.24	57.32	58.09	57.54	27.2	26.6	29.5	27.5	26.7	26.6	27.4	30.7	25	75	76	68	81	79	80	76.5	5.6
4	57.11	57.01	57.93	55.68	56.42	58.11	57.04	26.6	27	29.5	29.5	27.4	26.8	27.8	30.6	23.8	74	75	68	72	74	74	72.8	4.8
5	57.19	56.84	56.92	55.19	55.82	57.19	56.52	26.4	26.8	29.9	27	28	27.4	27.6	30.5	24	76	71	62	88	81	70	74.7	11.2
6	56.71	56.01	56.22	54.53	55.77	57.10	56.06	26.7	27	28.5	29.2	27.5	27.3	27.7	31	25.5	75	70	76	66	77	75	73.2	.8
7	55.93	55.70	56.12	54.36	55.19	56.88	55.70	27.3	27	29	30	28.5	27.9	28.3	30.6	25.9	75	73	68	59	67	74	69.3	------
8	56.03	55.68	55.74	53.94	54.91	56.37	55.44	27	27.3	28.5	29.5	29	28.1	28.2	30.3	26.3	83	85	78	72	64	72	75.7	------
9	55.69	55.74	56.57	55.28	55.98	57.72	56.16	27.7	27.7	29.3	29.7	29.8	28.5	28.8	30.2	26.5	78	79	72	70	63	71	72.2	------
10	57.02	56.69	57.53	55.89	56.69	57.72	56.92	27.6	27.4	29.5	29.9	29	28.4	28.6	31	26.4	75	78	75	72	74	76	75	------
11	56.88	56.11	57.06	55.88	56.09	57.05	56.51	27.5	26.8	29.2	30.3	29.5	28.2	28.6	31	25.5	77	74	70	73	78	76	74.7	1.3
12	56.41	56.84	57.42	55.36	56.59	57.81	56.74	27.2	25.5	28.6	29.5	28.6	26	27.6	30	24	76	82	77	75	63	82	75.8	1.3
13	56.96	57.22	58.38	56.33	57.05	58.24	57.36	25.3	25	30	30	25.6	26	27	31.3	23	88	89	69	71	94	86	82.8	28.7
14	57.80	58.36	57.92	56.91	57.58	58.79	57.89	25.7	25.4	29	29.5	28.4	25	27.2	31.6	23.2	84	86	68	71	80	92	80.2	47.8
15	58.84	59.03	58.17	57.32	57.94	59.89	58.53	24.4	23.6	27	30.5	27.5	26.1	26.5	30.9	22.8	88	90	78	65	84	85	81.7	34
16	59.69	59.16	60.11	58.41	59.07	60.09	59.42	24	23.5	28.4	29	28.2	26.5	26.6	31.5	21.6	93	89	75	74	76	83	81.7	------
17	58.54	58.82	59.30	57.15	57.66	59.34	58.47	26.4	25.8	30.5	32	29.5	26.9	28.5	33	24.6	76	78	65	56	71	85	71.8	3.8
18	58.29	58.51	59.43	57.02	57.74	59.44	58.40	25.8	25.5	26.4	29.9	28.1	26.3	27	30.4	23	82	88	81	62	73	76	77	25.7
19	58.16	58.39	59.13	56.89	57.32	59.34	58.20	25.6	25	30.1	30	29.9	26.4	27.8	31	23.4	83	84	71	66	71	79	75.7	1.8
20	58.37	58.45	59.19	56.88	57.21	58.29	58.06	26	25.9	30.4	31.5	29.6	28	28.6	32	24.5	88	90	72	65	70	81	77.7	------
21	57.34	58.63	59.35	57.02	57.26	58.84	58.07	27.7	27	30	31.1	30	27.7	28.9	32	25.3	82	83	71	65	62	76	73.2	------
22	57.95	57.76	58.82	56.56	57.44	58.76	57.88	27.4	26.6	30	31.5	29.9	28.3	29	33	25.1	84	86	68	57	69	79	73.8	------
23	57.98	58.10	58.51	56.17	56.88	58.34	57.66	26.8	26.5	32	31.1	30	28	29.1	33	24.5	83	80	66	71	68	80	74.7	------
24	57.69	57.72	58.76	57.27	57.67	58.89	58	26.9	27.5	29.5	30	29	27.7	28.4	31.7	25.2	85	81	75	71	78	84	79	------
25	58.57	58.46	59.46	58.56	57.82	59.49	58.73	26.6	26.3	29.5	27.5	29.7	27.5	27.8	31.9	24.6	86	86	76	81	67	78	79	------
26	59.53	59.29	59.72	57.68	58.39	59.58	59.03	26.8	26.8	31	30.1	28.4	27.8	28.5	32	24.9	81	80	69	71	75	81	76.2	------
27	58.78	58.54	59.78	58.22	58.22	59.97	58.92	26	26.6	31	28	28.5	27.5	27.9	32.5	23.8	87	83	65	77	81	81	79	17.3
28	59.16	59.89	59.93	57.99	58.23	59.29	59.08	25	25.2	29.6	31	29	27.1	27.8	32	23.5	87	84	67	62	71	80	75.2	2
29	58.59	58.94	59.49	57.31	58.27	60.47	58.84	27.3	26.5	30	32.5	29.5	26	28.6	33.7	21.3	82	82	75	54	78	84	75.8	18.7
30	58.97	59.47	59.87	57.82	58.63	59.72	59.08	26.3	26.8	32	32.5	30	27	29.1	32.8	23.2	83	83	65	55	75	77	73	------
Mean	57.79	57.85	58.41	56.57	57.17	58.58	57.72	26.5	26.2	29.5	30	28.8	27.2	28	31.5	24.3	81.7	81.6	71	68.6	73.6	78.7	75.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	207.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	W	S	S	S	SE	43.5	100.6	75.2	54.3	273.6	4	Ci.-S.	Cu. WSW	6	Ci.-S.	Cu. WSW
2	SW	W	S	SW	SW	SW	29.1	100.6	177.1	113.5	420.3	3	Ci.-S.	Cu. WSW	5	Ci.	Cu. WSW
3	S	SW	S	SW	SW	SW	124.7	117.9	134.3	83.4	460.3	4	Ci.-S.	Cu. WSW	6	------------	Cu.-N. WSW
4	W	SW	S	SW	SW	SW	81.2	151.6	169.9	108.9	511.6	3	Ci.	Cu. SW	7	Ci.-S.	Cu.-N. WSW
5	SW	SW	SSW	SW	W	SW	98.2	144.5	144	107	493.7	5	Ci.-S.	Cu. SW	8	------------	Cu.-N. SW
6	SW	SW	S	S	SW	SW	117.8	208.2	221.4	182.7	730.1	6	A.-Cu.	Cu. SW	6	A.-Cu.	Cu. SW
7	SW	SW	SW	SW	SW	SW	164.2	225.9	214.1	188.6	792.8	7	------------	S.-Cu. SW	8	------------	Cu.-N. SW
8	SW	SW	S	S	SW	SW	155.8	239.6	290.2	110.4	796	8	Ci.-S.	Cu. WSW	8	Ci.-S.	Cu.-N. WSW
9	SW	SW	S	S	SW	SW	131.4	225.4	221.4	119	697.2	7	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. SW
10	SW	SW	SW	S	SW	SW	96.7	169.9	197.7	87.2	551.5	6	Ci.-S.	Cu. SW	8	------------	Cu. SW
11	SW	SW	SSW	SSW	SW	SW	78.3	130.7	172	115.8	496.8	8	------------	S.-Cu.	7	Ci.-S.	Cu. W
12	W	SW	SW	SW	SW	NW	106.7	145.1	183.8	58.7	494.3	8	------------	Cu.-N. WSW	7	------------	Cu. WSW
13	NW	Calm	Calm	Calm	Calm	SW	29.2	38	54.4	44	165.6	3	A.-Cu.	S.-Cu.	7	Ci.-S.	Cu.
14	N	Calm	S	N	Calm	W	33.9	28.8	70.8	33	166.5	5	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu.-N.
15	E	N	SW	S	NE	NE	54.7	47.5	28.9	52.8	183.9	9	------------	N.	8	------------	Cu.-N. SE
16	W	Calm	S	NE	NE	N	55	23	99.5	42	219.5	3	Ci.	S.-Cu.	6	Ci.-S.	Cu. E
17	N	N	NE	NE	N	N	49.2	76.9	90.4	65.7	282.2	4	A.-Cu.	Cu. ENE	7	------------	Cu. ENE
18	NE	Calm	N	NE	NE	Calm	46.1	67.4	48.8	30.3	192.6	4	Ci.	Cu.-N. ENE	7	Ci.-S.	Cu.
19	N	NE	Calm	NE	NE	N	40.1	38.6	70.6	42.1	191.4	9	------------	Cu.-N. ENE	4	Ci.-S.	Cu. ENE
20	N	N	N	NE	NE	Calm	51.9	43.9	88.1	33.4	217.3	4	Ci.	Cu. ENE	3	Ci.	Cu. ENE
21	Calm	N	NE	NE	NE	N	31.8	72.1	104.3	38.2	246.4	3	Ci.	Cu. ENE	3	Ci.	Cu.
22	Calm	N	NE	NE	NE	N	27.8	63.9	83.1	45.5	220.3	3	Ci.	Cu. ENE	3	Ci.	Cu.
23	Calm	N	SE	NE	NE	NE	21.9	49.9	74.7	39.4	185.9	3	Ci.	Cu. ENE	3	Ci.	Cu.
24	N	NW	S	S	S	W	35.9	42.6	59.7	39.7	177.9	3	Ci.	Cu. ENE	7	Ci.	Cu.-N.
25	W	NW	SE	NE	SW	W	51	62.8	74.3	44.8	232.9	5	Ci.	Cu. ENE	7	------------	Cu.-N. W
26	SW	SW	E	S	N	W	41.8	57.9	49.9	36.2	185.8	7	------------	S.-Cu. ENE	7	Ci.-S.	Cu.-N.
27	W	NW	NE	NE	SW	SW	30.1	65.4	58.2	36.4	190.1	3	Ci.	Cu.	7	------------	Cu.-N. NE
28	NW	NW	SW	NE	NE	N	37.3	26.9	68.4	37	169.6	7	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. ENE
29	Calm	NW	NE	E	Calm	Calm	53.4	45.6	72.3	39.6	210.9	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
30	NW	W	E	NE	S	ENE	28.2	35	68	46.8	178	3	Ci.	Cu. ENE	6	Ci.	Cu.
Mean	------	------	------	------	------	------	64.9	94.9	115.5	69.2	344.5	5	------------	------------	6.2	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	10,335	----	------------	------------	----	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

OCTOBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.79	59.39	59.57	57.29	58.09	58.84	58.66	26.5	27.5	30	29.1	29.5	28.5	28.5	33	24.9	84	77	73	77	71	81	77.2	0.8
2	57.19	57.39	58.16	55.32	56.17	57.39	56.94	27.8	26.8	29.5	28.5	29	26.7	28	31	24.2	80	84	75	78	81	88	80.2	25.4
3	56.21	56.41	57.52	54.98	56.15	57.42	56.45	25.6	26.1	26.9	28.5	25	26	26.4	28.7	23.8	91	83	80	75	92	89	85	45.9
4	56.35	56.51	57.38	55.12	56.09	57.23	56.45	24.3	25.3	29	28.9	27.6	26.8	27	30.1	23.5	91	83	69	69	76	78	77.7	------
5	56.24	57.01	57.17	54.66	55.77	57.12	56.33	26.2	25.8	28.7	30.1	29	27.3	27.8	30.3	24.9	81	84	74	71	80	88	79.7	.8
6	56.17	56.39	56.48	54.22	55.24	56.24	55.79	26.1	26.9	27.5	28.8	26	26.8	27	29.5	23.9	87	85	84	79	94	87	86	57.1
7	55.30	55.26	56.27	54.32	55.17	56.36	55.45	26.4	26.4	29	28.5	27.5	26.8	27.4	29.5	25.3	79	79	76	77	78	80	78.2	2.5
8	55.66	56.14	57.63	55.40	55.90	56.82	56.26	26.2	25.5	28	28	27.5	26.2	26.9	28.9	23.9	84	88	77	74	77	86	81	9.9
9	56.27	56.57	57.97	55.36	56.37	57.78	56.72	26	26	28.2	30	28.9	28	27.8	30.7	25	84	81	77	68	73	82	77.5	------
10	57.40	57.85	58.80	56.85	57.80	59.51	58.04	26.5	25.6	30.5	32.5	30	27.8	28.8	33.5	24.9	88	87	68	58	71	84	76	------
11	59.09	59.44	60.21	58.08	59.61	60.39	59.47	27	27.2	32	32.1	29.6	27	29.2	33.3	25.9	88	84	60	54	72	88	74.3	.8
12	59.49	59.80	60.22	58.13	58.60	58.99	59.20	26.8	26	29.5	30	28.8	26.8	28	31	24.8	83	82	71	71	76	86	78.2	3.8
13	57.66	58.44	58.07	56.06	56.74	58.09	57.51	25.9	25.5	28.3	29	28	26	27.1	30.1	24	85	86	73	71	75	87	79.5	------
14	57.29	57.45	58.51	56.34	57.52	58.54	57.61	25.1	24.8	28	28	28	26.7	26.8	29.9	23.7	88	88	77	74	74	83	80.7	------
15	57.19	57.53	58.34	57.21	58.01	59.64	57.99	27	26.8	29.2	30	29.5	26.3	28.1	30.8	22.3	84	86	73	71	75	86	79.2	24.9
16	59.45	58.69	58.75	56.74	58.09	59.47	58.53	24.2	26	29.8	31.3	28.4	27.2	27.8	32	22.7	90	84	73	60	75	86	78	------
17	58.48	58.43	58.88	56.48	57.01	58.24	57.92	26	26	30	31.5	29.4	27.3	28.4	33.2	24.5	88	88	73	66	79	81	79.2	------
18	57.41	57.90	58.47	56.17	56.38	58.12	57.41	26.4	27.3	30.1	31.5	29.5	27.4	28.7	32.1	25.2	86	82	69	63	76	79	75.8	------
19	57.13	57.79	58.57	56.11	56.99	58.66	57.54	26.8	26.7	30.6	31.5	30	28	28.9	33	25.5	81	82	65	61	71	82	73.7	------
20	58.01	58.50	58.92	55.88	56.87	58.51	57.78	27	27.5	30	31.9	29	27.3	28.8	32.5	24.1	80	81	71	65	81	84	77	12.2
21	57.58	57.89	58.34	56.14	56.87	57.25	57.34	27	26.3	30.4	29.5	26.1	26	27.6	32	24.8	82	87	67	68	85	84	78.8	1.3
22	55.84	56.11	56.74	54.77	54.94	54.74	55.52	26.5	25.6	27.9	28.6	27	27.1	27.1	29	24.5	83	88	78	66	77	78	78.3	1.3
23	53.99	53.24	54.82	52.89	53.98	55.37	54.05	26.9	27.8	27.6	28.9	26.6	28.1	27.6	29.3	24.3	81	71	77	68	87	82	77.7	5.8
24	54.42	54.94	55.49	53.33	53.92	55.41	54.58	27.5	26.9	28.2	29	28.5	26.3	27.7	29.6	25.4	87	89	80	78	80	90	84	4.8
25	55.04	55.31	55.34	53.17	54.62	56.05	54.92	27	27	29	30.4	27.6	27.7	28.1	30.6	24.9	86	84	74	63	79	77	77.2	------
26	55.39	55.71	56.62	54.91	55.53	57.19	55.89	27.1	27	29.5	29	27.8	27.7	28	30.7	25.5	80	79	75	74	82	79	78.2	.5
27	56.39	56.61	57.62	55.21	55.94	57.07	56.47	27.2	27	29.5	30	29.9	28.5	28.7	30.8	25.5	81	80	71	71	65	76	74	------
28	56.03	56.20	56.82	54.23	54.94	55.82	55.67	27.8	28	29	31	29	28.2	28.8	31.5	26.5	79	77	71	59	68	74	71.3	------
29	55.37	55.39	57.04	55.49	56.13	57.77	56.20	27.9	27.1	28.4	28	27.5	27.1	27.7	29.9	25.4	74	79	80	74	70	76	75.5	1.3
30	57.15	56.96	58.81	56.33	57.08	58.34	57.44	27	27	29	30	28	27.3	28	30.4	26	83	83	74	69	80	80	78.2	------
31	57.14	57.94	58.54	56.36	57.16	58.59	57.62	26.9	26	29	29	28.5	27	27.7	30	24.9	81	84	78	74	78	84	79.8	------
Mean	56.81	57.07	57.81	55.60	56.44	57.64	56.90	26.5	26.5	29.1	29.8	28.3	27.2	27.9	30.9	24.7	83.8	83.1	73.6	69.2	77.4	82.6	78.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	199.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10. a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	NW	S	SW	Calm	W	28.9	65.2	46.4	36.7	177.2	4	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu.
2	Calm	N	S	SW	W	NE	35.8	86	58.9	48.3	229	8	Ci.-S.	Cu. NE	7	Ci.-S.	Cu.-N. NE
3	W	SW	SW	SW	SW	SW	76	97.4	153.7	119.1	446.2	9	------------	Cu.-N. W	8	------------	Cu.-N. WSW
4	SW	SW	S	S	SW	SW	125.2	162.1	161.4	115.1	563.8	8	------------	S.-Cu. WSW	8	------------	Cu.-N. WSW
5	W	W	S	S	S	Calm	67.2	143.2	189.2	71.8	471.4	4	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. W
6	W	SSW	S	SSW	SW	SW	52.6	198.3	241.5	76	568.4	4	Ci.	Cu. WSW	6	Ci.-S.	Cu.-N. SW
7	W	SW	SSW	SSW	SW	SW	77.9	107.2	182.5	111.7	479.3	4	Ci.	Cu. SW	8	------------	Cu.-N. WSW
8	SW	SW	SW	SW	SSW	SW	119.1	146.4	202	56.3	523.8	9	------------	Cu.-N. SW	7	------------	Cu.-N. SW
9	SW	SW	S	S	SW	S	51.5	105.4	125.5	59	341.4	5	A.-Cu.	S.-Cu. WSW	4	Ci.	Cu. SW
10	SW	W	S	NE	S	NW	39.9	32.1	45.5	28.9	146.4	3	Ci.	Cu. SSW	5	Ci.	Cu. SSE
11	Calm	NW	E	NE	N	NE	35.3	50.1	61	48.2	194.6	3	Ci.	Cu. ESE	4	Ci.-S.	Cu. E
12	SW	Calm	NE	NE	NE	NE	58.2	57.1	90.9	40.6	246.8	4	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. NE
13	N	SW	S	NE	NE	NE	41.5	49.4	80.7	35	206.6	7	Ci.-S.	Cu.-N. N	7	------------	Cu.-N. N
14	N	N	S	SW	SW	SW	42.1	58.2	111.9	62	274.2	3	Ci.	Cu. NE	7	Ci.-S.	Cu.-N. SE
15	S	Calm	SW	SSW	W	NW	72.7	79.4	87.7	66.8	306.6	6	------------	S.-Cu. SW	8	------------	Cu.-N. SW
16	Calm	SW	Calm	S	SE	N	46.7	53.1	95	31.1	225.9	7	------------	S.-Cu. SW	4	Ci.	Cu.
17	NE	Calm	S	NE	N	N	35.8	39.7	56	28.2	159.7	3	Ci.	Cu. ENE	4	Ci.	Cu. NE
18	N	Calm	NE	NE	NE	N	24.3	75.5	123.9	62	285.7	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
19	N	N	NE	NE	NE	N	59.9	92.7	111.3	60.7	324.6	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
20	Calm	SW	NE	NE	NE	N	39.1	79.7	116.4	56.3	291.5	4	Ci.	Cu. ENE	3	Ci.	Cu. ENE
21	NW	Calm	NE	SW	SW	N	47	43.5	88.8	88.1	267.4	3	Ci.	Cu. ENE	7	Ci.-S.	Cu.-N. ENE
22	Calm	NW	SW	SW	SW	SW	30.6	88.5	83.7	140	342.8	9	------------	Cu.-N. NE	9	------------	Cu.-N. NW
23	SW	SW	SW	SW	SW	SW	143.2	241.8	233.1	150.5	768.6	7	A.-Cu.	Cu.-N. WSW	9	------------	Cu.-N. WSW
24	S	S	S	S	S	S	277.7	363.8	294.6	264	1,200.1	8	A.-Cu.	Cu.-N. SSW	7	A.-Cu.	Cu.-N. SSW
25	SSW	SW	SW	SW	S	SW	223.8	254.4	289.6	109.9	877.7	7	A.-Cu.	Cu.-N. SSW	5	Ci.-S.	Cu. SW
26	SW	SW	S	SW	SW	SW	64	123.1	160.4	69.7	417.2	2	Ci.	Cu. SW	6	Ci.-S.	Cu. SW
27	SW	SW	SSW	S	SW	SW	87.7	149.7	194.8	130.4	562.6	6	Ci.-S.	Cu. SW	5	Ci.-S.	Cu. W
28	SW	SW	SW	SW	SW	SW	107.8	169	225.4	207.9	710.1	7	------------	Cu.-N. SW	8	------------	Cu.-N. WSW
29	SW	SW	SW	SW	SW	SW	225.2	271.9	223.8	106.7	827.6	8	Ci.-S.	Cu.-N. SW	8	------------	Cu.-N. SW
30	SW	SW	SSW	SW	SW	SW	100.1	198.8	171.2	78.1	548.2	6	A.-Cu.	Cu.-N. SW	6	A.-Cu.	Cu. SW
31	SW	Calm	S	SW	SW	W	43.3	78.3	149.2	51.5	322.3	7	Ci.-S.	Cu.-N. S	6	Ci.-S.	Cu. SSW
Mean	------	------	------	------	------	------	80	121.3	143.7	84.2	429.3	5.5	------------	------------	6.3	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	13,307.7	---	------------	------------	---	------------	------------

CEBU.

[φ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

NOVEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.09	58.34	59.08	57.24	57.62	58.97	58.22	25.4	26	29.5	30.7	29	26.2	27.8	31.6	24.2	87	84	75	63	78	86	78.8	1.3
2	58.15	57.91	58.53	55.67	56.04	56.32	57.10	26.5	26	31	31.5	29.5	28.3	28.8	32.4	24	88	78	59	63	75	80	73.8	10.2
3	54.85	54.46	55.18	53.59	55.52	57.52	55.19	26.5	26.3	27.8	29.5	28.8	28.6	27.9	30	24.5	88	82	76	75	82	80	80.5	------
4	57.53	58.42	59.93	57.33	58.57	60.27	58.68	27.9	27.9	30.1	32	30	27.8	29.3	33.5	26.1	83	80	72	63	75	82	75.8	------
5	59.35	59.17	59.37	57.01	57.81	58.97	58.61	26.2	25.9	31	32	29	27.8	28.6	33.3	24.9	84	86	65	57	76	80	74.7	------
6	58.30	58.21	58.81	56.40	57.21	58.72	57.94	26.2	26.1	30.8	31.5	29	27	28.4	33	25.3	85	86	64	54	68	80	72.8	------
7	57.70	58.26	58.48	56.17	57.16	58.57	57.72	26	25.8	30	31.7	29	26.6	28.2	33	24.5	87	81	68	59	71	85	75.2	------
8	57.61	58.09	58.75	56.70	57.58	58.09	57.80	25.7	25.5	30.5	31	29.3	27.2	28.2	32.9	24	84	84	67	65	72	83	75.8	------
9	57.56	58.34	58.62	55.75	56.39	57.89	57.42	26.3	26	30.5	33.2	29	26.5	28.6	33.8	24.9	85	84	65	63	78	84	76.5	8.9
10	57.03	57.19	58.14	56.41	56.61	57.69	57.18	26.5	26.5	28	29	28.5	27.8	27.7	30	23.7	86	88	77	75	78	82	81	.5
11	56.84	58.26	59.22	57.14	58.34	59.19	58.16	26.7	25.8	29.9	31.2	29	26.5	28.2	32	24.7	86	85	69	68	74	86	78	------
12	57.90	58.65	59.34	56.98	58.02	60.15	58.51	26	26	29.6	30.5	28.7	24.4	27.5	31.4	23.2	86	84	74	65	71	88	78	9.7
13	59.35	59.77	60.26	57.69	58.54	59.78	59.23	24.8	25.5	28.5	30	28.8	26.5	27.4	31.7	24	87	84	78	67	72	86	79	.8
14	59.19	59.87	60.59	58.16	58.96	60.09	59.48	25.5	25.5	29.5	29.9	28.5	26.9	27.6	31	24.5	88	85	64	69	78	83	77.8	------
15	59.42	59.63	60.54	57.73	58.08	59.29	59.12	26.2	25.8	30.2	31	28.5	27	28.1	31.6	24.5	85	88	60	59	70	80	73.7	------
16	58.26	58.70	59.43	57.11	57.98	58.88	58.39	26.2	26	29.4	29.4	28.2	26.1	27.6	31	24.4	85	84	72	65	76	83	77.5	------
17	58.09	58.36	58.98	56.46	57.39	58.97	58.04	25.5	25.3	30.5	30.3	29.5	26.3	27.9	31.5	24.2	81	81	65	60	64	88	73.2	.5
18	58.20	59.24	60.12	58.36	58.81	60.44	59.20	25.7	25.6	27.5	28	27.9	26	26.8	29.2	24.5	86	87	81	74	78	84	81.7	.5
19	59.43	59.83	60.67	58.18	59.07	59.74	59.49	25.5	25	29	30.5	29	25.5	27.4	31.1	23.9	80	80	64	62	64	85	72.5	2
20	59.48	59.09	60.19	57.77	57.46	59.39	58.90	25.6	25.3	29	31	29.5	25.7	27.7	31.8	23.8	84	83	68	62	68	88	75.5	2.5
21	58.25	58.51	58.99	56.29	57.24	58.39	57.94	25.6	25	30	30.8	28	26.4	27.6	31.1	24	87	83	63	60	77	81	75.2	------
22	57.26	57.14	58.34	55.77	56.48	57.97	57.16	25.9	25.5	29.5	30.5	28.5	25.7	27.6	31	24.3	85	86	68	68	74	86	77.8	------
23	57.12	57.31	57.74	55.72	56.29	57.57	56.96	25.7	24.9	29.5	29.2	28	26.1	27.2	30.9	23.7	88	86	71	73	77	85	80	------
24	56.89	56.76	57.75	55.27	56.13	56.80	56.60	25.9	25.7	29.5	31	28.5	27	27.9	31.9	24.3	85	84	74	69	78	88	79.7	------
25	56.30	56.96	57.24	55.11	55.74	56.93	56.38	26	25.5	29.5	30	27.5	26.8	27.6	32	24.5	88	88	78	71	81	86	82	------
26	55.74	55.64	56.63	54.56	55.82	57.20	55.93	26.3	26.5	31.2	31	28.5	27	28.4	32.1	25	87	86	64	65	78	84	77.3	------
27	56.51	56.99	57.78	55.16	55.69	57.44	56.60	26.8	26.6	30.9	30.4	29.5	26.5	28.4	31.7	25	86	86	69	69	75	90	79.2	------
28	57.11	57.24	57.96	55.66	56.79	57.82	57.10	26.3	26.2	29.5	31.2	30	27.7	28.5	31.8	25	88	88	72	61	71	84	77.3	1
29	57.18	57.89	58.59	56.51	57.32	59.09	57.76	26.7	25.9	29.6	30.8	29	26.6	28.1	31.8	24.7	83	89	75	70	71	86	79	------
30	57.94	58.24	59.02	56.67	57.37	58.77	58	25.7	25.8	31.3	31.5	28.6	27.1	28.3	32.5	24.5	88	84	64	60	77	86	76.5	------
Mean	57.75	58.08	58.81	56.49	57.27	58.56	57.83	26.1	25.8	29.8	30.7	28.8	26.7	28	31.8	24.4	85.7	84.5	69.4	65.1	74.2	84.3	77.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	37.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	NW	NE	NE	N	NW	40.7	67.2	96.6	54.4	258.9	3	Ci.-S.	Cu.	4	Ci.-S.	Cu. ENE
2	N	W	NE	NE	Calm	SE	62.5	84.3	103	48.3	298.1	2	Ci.	Cu.	6	Ci.-S.	Cu. NE
3	SW	SW	SW	SW	S	SW	90.1	162.6	255.9	284.8	793.4	9	------------	Cu.-N. WSW	9	Ci.-S.	Cu.-N. WSW
4	S	SW	S	S	E	N	-----	37.2	43.9	41.3	-------	3	Ci.	Cu. S	3	Ci.	Cu. S
5	N	Calm	NE	NE	NE	N	29.5	30.5	88.1	62.8	210.9	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
6	N	N	NE	NE	NE	N	65	100.3	72	56.7	294	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
7	N	N	NE	NE	NE	N	55.9	44.3	81.1	37.6	218.9	2	Ci.	Cu. ENE	3	Ci.	Cu.
8	N	Calm	S	NE	NE	N	32.2	43.5	72.4	51.7	199.8	2	Ci.	Cu.	4	Ci.	Cu.
9	Calm	NW	S	NE	SW	N	30.9	57.5	66.7	60.4	215.5	3	Ci.	Cu.	4	Ci.	Cu. ENE
10	W	SW	S	S	S	SE	53.5	161	118.6	60.2	393.3	9	------------	Cu.-N. SW	8	------------	Cu.-N. SSW
11	WSW	NW	Calm	E	E	NW	35.3	27.2	43.8	34.3	140.6	5	Ci.	Cu. S	6	Ci.-S.	Cu. S
12	Calm	Calm	NE	NE	N	NW	28	53	84.3	71.5	236.8	3	Ci.	Cu. E	3	Ci.	Cu.
13	W	Calm	Calm	NE	NE	N	26.9	32.7	74	46.4	180	3	Ci.	Cu. NE	6	Ci.	Cu. ENE
14	Calm	N	NE	NE	NE	N	30.9	64.4	131.2	68.7	295.2	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
15	N	N	NE	NE	N	N	62.5	103	145.6	72.9	384	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
16	N	N	NE	NE	NNE	Calm	62.8	101.7	122.8	41.8	329.1	3	Ci.	Cu. ENE	6	Ci.	Cu. ENE
17	N	Calm	NE	NE	NE	N	51.5	79.3	108.1	80.4	319.3	2	------------	Cu. ENE	3	Ci.	Cu. ENE
18	N	N	NE	NE	NE	N	35.2	116.7	152.6	60.4	364.9	8	------------	Cu.-N. ENE	7	Ci.	Cu. ENE
19	N	N	NE	NE	NE	NW	74.5	102.6	99	59.5	335.6	2	------------	Cu. ENE	3	Ci.	Cu. ENE
20	N	N	NE	NE	N	N	67.9	116.7	130.4	71.3	386.3	3	------------	S.-Cu. ENE	5	------------	Cu. ENE
21	NW	N	NE	NE	N	N	61	120	127.9	52.8	361.7	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
22	N	N	NNE	NE	NE	N	47.9	100.9	115.1	58.4	322.3	6	Ci.-S.	Cu. ENE	4	Ci.	Cu. ENE
23	Calm	Calm	NE	NE	N	N	32.1	75.3	85.5	34.5	227.4	6	Ci.	Cu. ENE	7	Ci.-S.	Cu.-N. ENE
24	Calm	Calm	SE	S	N	N	22.5	37	59.2	27.8	146.5	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
25	N	N	SE	NE	NW	NW	31.9	35.3	43.7	54.3	165.2	3	Ci.	Cu.	7	Ci.-S.	Cu.-N. ENE
26	N	N	E	NE	NE	N	40.1	59.5	82.8	54.3	236.7	3	Ci.	Cu. ENE	4	Ci.	Cu. E
27	N	N	Calm	NE	NE	N	50.7	37.5	105.7	66.8	260.7	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
28	NW	N	NE	NE	NE	E	57.1	76	89.7	48.6	271.4	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
29	N	NE	NE	NE	N	N	47.7	63.1	78.1	52.8	241.7	4	Ci.-S.	Cu. ENE	4	Ci.-S.	Cu. ENE
30	N	N	E	NE	NE	SE	20.4	60.7	114.8	64.8	260.7	2	Ci.	Cu.	3	Ci.	Cu. ENE
Mean	------	------	------	------	------	------	46.5	75	99.8	62.7	287.9	3.6	------------	------------	4.5	------------	------------

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, −1.84 mm.]

DECEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.91	58.30	59.27	56.69	57.82	59.14	58.19	26.8	25.8	29.6	30	29	26.9	28	31	24.5	86	81	67	68	74	85	76.8	5.1
2	58.31	58.89	59.28	56.31	57.34	58.80	58.16	26.7	25	28.5	29	28	25.9	27.2	31	23.8	91	88	70	65	74	88	79.3	.8
3	57.21	57.60	58.63	56.62	56.98	58.11	57.52	26	25	28.6	29	28.3	26.5	27.2	30	23.8	89	85	68	68	72	83	77.5	-----
4	57.10	56.52	58.49	57.04	57.79	58.72	57.61	26.6	26	28.5	27.9	27.5	26	27.1	29	24.4	80	84	70	71	66	88	76.5	-----
5	56.04	56.11	57.15	54.74	54.84	55.49	55.73	26.1	26	27.4	27.5	28	27.5	27.1	28.9	24.9	78	78	76	73	63	72	73.3	-----
6	54.72	54.56	54.55	53.01	52.18	53.49	53.75	27.7	26.8	27.8	27.5	27.5	27.1	27.4	28.5	26	68	74	65	68	70	76	70.2	-----
7	53.06	53.47	55.74	53.63	54.48	55.80	54.36	27.8	27.7	28.5	29	28	27.1	28	29.2	25	73	72	64	74	81	84	74.7	3.8
8	55.16	56.49	57.19	55.45	56.43	57.44	56.36	26.6	26.9	27.5	29.1	28.5	26.6	27.5	30.6	24.4	87	83	80	74	74	88	81	-----
9	57.04	57.08	58.09	55.81	56.71	57.78	57.08	25.4	25	28.5	30.5	28.8	26.8	27.5	31.1	23.8	86	85	77	65	76	88	79.5	1.3
10	57.47	57.71	57.94	56.61	57.02	58.26	57.50	25	25.5	28.7	26	27.1	26	26.4	30	23.5	88	86	75	80	80	86	82.5	1
11	57.56	57.40	58.03	56.03	56.95	58.29	57.38	25.8	25.1	29	29.3	27.5	26.1	27.1	30.9	24	82	86	71	76	81	89	80.8	3.8
12	57.56	57.54	58.67	55.86	56.79	57.94	57.39	25.2	25.7	29	30	28.4	26.5	27.5	30.2	24	87	86	74	67	77	86	79.5	-----
13	57.24	57.54	58.36	55.66	56.64	57.77	57.20	25.4	25.1	28.5	29.8	28	26	27.1	31	24.1	84	87	76	66	77	90	80	22.9
14	56.61	57.88	58.48	56.14	57.14	58.19	57.41	25.3	24.5	29	31.3	28.5	26.9	27.6	32	23.8	89	87	74	58	74	85	77.8	.5
15	57.31	57.89	58.68	56.39	57.07	58.63	57.66	26	25.5	29.2	32	29	26.8	28.1	32.2	24.6	84	88	76	57	74	85	77.3	3.6
16	58.01	58.69	59.12	57.19	57.67	59.23	58.32	26	25.5	28.4	30	29.4	27	27.7	31.1	24.5	84	88	82	65	72	88	79.8	.5
17	58.09	58.51	59.53	56.64	57.82	59.02	58.27	26.3	25.7	29.5	30.8	29	26.6	28	31.5	24.6	85	88	68	57	61	76	72.5	1.8
18	58.51	58.45	59.36	57.24	57.96	59.24	58.46	26	25.1	30	30.2	27	25.5	27.3	31	23.9	84	84	65	64	80	88	77.5	7.7
19	58.66	58.50	59.63	58.03	58.62	59.69	58.86	25.1	25	29	28.3	27.5	26	26.8	30	24	87	90	71	75	81	89	82.2	1.5
20	59.18	59.29	60.74	58.27	58.96	60.19	59.44	25.9	25.9	29.5	30.5	28.7	26.8	27.9	31.6	24.7	85	85	68	65	73	80	76	-----
21	59.26	60.03	60.72	58.07	58.47	59.43	59.33	25.4	25	29.4	31	27.5	26.3	27.4	32	23.9	87	87	68	68	77	86	78.8	-----
22	58.14	58.75	59.54	57.09	57.99	58.88	58.40	25.8	25.4	29.5	30	28	26.2	27.5	30.9	24.3	84	82	71	68	77	90	78.7	2
23	57.89	58.12	59.67	57.44	58.52	59.57	58.54	25.8	26.3	28	28	25.6	25.2	26.5	28.5	24.1	84	82	70	67	79	83	77.5	3.5
24	58.32	58.38	59.47	57.27	58.20	59.29	58.49	24.3	24.6	28.4	29.4	26.5	25.7	26.5	30	23	89	82	71	68	84	82	79.3	1
25	58.20	58.26	58.97	56.69	58.04	58.67	58.14	25.3	25.2	29	29.5	28	25.6	27.1	30.4	24.2	89	90	74	68	81	89	81.8	.8
26	58.20	58.38	59.24	56.41	57.49	58.11	57.97	25.2	24.5	30.3	30.2	27.8	26.1	27.4	31	23.5	88	90	73	72	82	89	82.3	-----
27	57.12	57.15	57.94	55.27	57.03	57.42	56.99	25.3	25	28.5	29	28	26	27	31	23.9	89	90	78	74	81	89	83.5	3.8
28	56.39	57.24	57.96	55.32	56.49	57.64	56.84	25.7	26	26.8	29.4	29	26.7	27.3	30	24.7	82	89	86	72	71	85	80.8	1.3
29	57.16	57.34	58.10	56.08	57.53	58.77	57.50	26	25.7	29.6	29.5	30	26.7	27.9	31	24.6	86	84	70	64	68	83	75.8	-----
30	57.60	58.21	59.26	57.32	58.39	59.28	58.34	26.1	25.2	30.7	29	28	26.9	27.6	31.6	23.8	83	88	67	78	80	85	80.2	2.5
31	58.28	58.59	59.36	56.84	58.21	58.34	58.27	26.7	26	29.1	29.5	26	25.6	27.2	31	24	83	84	70	75	89	87	81.3	22.9
Mean	57.40	57.71	58.62	56.36	57.21	58.28	57.60	25.9	25.5	28.8	29.4	28	26.4	27.4	30.6	24.2	84.5	84.9	72.1	68.7	75.8	85.2	78.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	92.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	N	53.3	92.5	100.9	60.4	307.1	4	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu. ENE
2	Calm	NW	NE	NE	N	N	56.3	86.1	140	62.8	345.2	7	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. NE
3	SW	NW	N	NE	N	N	32.2	85.2	124.9	49	291.3	7	Ci.-S.	Cu.-N. ENE	8	-----	Cu.-N. ENE
4	N	N	NE	NE	N	N	50.9	84.2	103.2	75.5	313.8	7	Ci.-S.	Cu. ENE	9	-----	Cu.-N. NE
5	NW	N	S	SW	NW	SW	51.3	47	89.1	78.3	265.7	8	-----	Cu.-N. NNE	8	-----	Cu.-N. NNW
6	W	Calm	SW	SW	SW	SW	79.9	135.2	156.9	256	628	9	-----	Cu.-N. W	8	-----	Cu.-N. WSW
7	SW	SW	SW	SW	S	S	247.1	297.8	317.6	309.1	1,171.6	6	Ci.-S.	Cu. SW	7	-----	Cu. SW
8	S	SE	S	SW	S	W	197.9	106.5	200.1	47.2	551.7	6	A.-Cu.	Cu. SW	7	A.-Cu.	Cu. SW
9	N	NW	E	S	SW	W	46.7	40.2	96.7	29.9	213.5	2	Ci.	Cu.	4	Ci.	Cu.
10	N	Calm	S	SW	Calm	SW	44.3	51.4	55.4	36.9	188	8	-----	Cu.-N.	8	-----	Cu.-N. N
11	W	N	SW	NE	NW	Calm	39.1	37	60.1	24.4	160.6	3	Ci.	Cu.	5	Ci.	Cu. W
12	S	SW	SW	SW	SW	Calm	41	83.7	153.5	34.3	312.5	4	-----	S.-Cu. SW	3	Ci.	Cu. SW
13	Calm	NE	SE	S	Calm	SW	23.3	44.8	61.2	41.8	171.1	7	-----	Cu.-N. SW	5	Ci.	Cu. SW
14	Calm	W	NE	S	NE	N	22.5	35.4	64.4	45.1	167.4	5	Ci.-S.	Cu.	4	Ci.	Cu. SW
15	N	N	NE	NE	NE	N	37	44.3	67.6	39.4	188.3	4	Ci.	Cu. ENE	4	Ci.	Cu.
16	Calm	Calm	NE	NE	NE	N	28.2	45.1	82.9	64.4	220.6	7	-----	Cu.-N. ENE	4	Ci.	Cu. ENE
17	NW	Calm	NE	NE	NE	NE	49.4	81	142.5	59	331.9	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
18	N	N	NE	NE	NE	N	45.6	38.5	128.8	116.6	329.5	4	Ci.	Cu. ENE	7	Ci.-S.	Cu. ENE
19	N	N	NE	NE	NE	N	68	102.6	107.2	54.4	332.2	3	Ci.	Cu. ENE	8	-----	Cu.-N. ENE
20	N	N	NE	NE	NE	N	71.8	117.5	127.9	71.6	388.8	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
21	N	N	NE	SW	NE	NE	51.5	49.1	79.7	73.2	253.5	4	Ci.-S.	Cu. ENE	5	Ci.-S.	Cu. ENE
22	NE	N	NE	NE	NE	N	62	79.7	168.2	78.3	388.2	4	Ci.-S.	Cu. ENE	6	Ci.	Cu. ENE
23	N	N	NNE	NE	N	N	81.2	128.3	141.1	79.9	430.5	8	-----	Cu.-N. ENE	8	-----	Cu.-N. ENE
24	NW	N	NE	NE	N	N	50.4	93.5	121	75.6	340.5	6	-----	Cu.-N. ENE	7	Ci.	Cu.-N. ENE
25	Calm	W	NE	NE	NE	Calm	30.3	91	118.3	33.5	273.1	7	-----	S.-Cu. ENE	7	Ci.-S.	Cu.-N. ENE
26	Calm	Calm	NE	NE	Calm	N	22.8	48.8	111.3	41.2	224.1	4	Ci.	S.-Cu. ENE	6	Ci.	Cu. ENE
27	Calm	N	SW	NE	NE	N	21.9	74.5	97.4	42.3	236.1	3	Ci.	Cu. ENE	6	Ci.	Cu. ENE
28	N	NE	NE	NE	NE	N	52.6	54.4	104.9	57.9	269.8	8	-----	Cu. ENE	3	-----	Cu. ENE
29	N	N	NE	NE	Calm	N	65.2	42.6	77.5	36.7	222	3	-----	Cu. ENE	3	Ci.	Cu. ENE
30	N	Calm	Calm	SW	Calm	NW	38.6	31.1	42.9	38	150.6	3	Ci.	Cu. ENE	6	Ci.	Cu.-N. NE
31	N	Calm	N	NE	SW	N	57.6	60.5	74	45.1	237.2	7	Ci.-S.	Cu. ENE	8	-----	Cu.-N. NE
Mean	-----	-----	-----	-----	-----	-----	58.7	77.7	113.5	69.6	319.5	5.3	-----	-----	5.9	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	9,904.4	-----	-----	-----	-----	-----	-----

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

JANUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.13	60.67	61.12	58.55	59.21	60.05	59.96	23.4	22.6	28.3	30.1	27.7	25	26.2	30.1	22.3	85	88	61	49	62	76	70.2	------
2	60.01	60.14	60.79	58.44	59.34	59.82	59.76	24.9	25	29.5	30.5	28.8	25.2	27.3	30.6	24	80	82	64	58	67	86	72.8	------
3	59.69	59.84	61.21	59.09	60.26	61.43	60.25	24.7	23.8	28	29.5	28	24	26.3	30.5	23.2	87	86	63	56	68	87	74.5	6.1
4	60.43	60.68	61.18	59.79	60.82	61.45	60.72	23.2	23.7	27.1	28.6	26.5	25.5	25.8	29	22.9	90	91	80	67	80	84	82	------
5	60.91	61.17	61.40	58.97	59.89	61.06	60.57	25	25	28.9	30.6	28.6	26.2	27.4	30.8	24.5	88	88	69	58	67	81	75.2	------
6	60.55	60.86	61.50	58.69	59.13	60	60.12	25	24.6	29.1	30.7	28.1	26	27.2	31	24.4	88	91	74	62	76	85	79.3	------
7	59.85	60.19	60.87	58.24	59.45	60.12	59.79	25.5	24.6	29.4	30.1	28.5	25.5	27.3	30.5	24	84	91	68	61	58	75	72.8	------
8	59.53	60.08	61.16	58.50	59.22	60.60	59.85	23.2	22.6	29	30.5	28.2	25.2	26.4	30.5	22.3	87	90	64	62	71	80	75.7	------
9	60.01	60.41	61.14	58.50	59.62	60.92	60.10	24	23.9	29	31	28.2	25.6	27	31	23	88	89	63	58	73	88	76.5	17.8
10	60.27	61.13	62.73	60.01	60.92	61.75	61.14	24.2	23.6	25	27.6	26.7	24.6	25.3	28.1	22.8	94	95	92	76	79	91	87.8	35.8
11	61.01	62.52	63.28	60.65	60.60	61.88	61.66	24.5	23.2	27.6	29.1	27.8	24.2	26.1	29.5	22.4	92	98	80	64	55	80	78.2	1
12	61.03	61.61	62.32	59.88	61.38	62.27	61.42	23.2	23.1	27.5	27.7	26.5	23.2	25.2	28.2	21.6	90	91	58	58	64	77	73	------
13	61.72	62.47	63.51	61.03	61.78	62.79	62.22	22.4	21.7	26.2	27.6	26.8	24.1	24.8	28.1	21.5	81	85	67	66	69	79	74.5	------
14	61.83	62.21	62.97	60.64	61.26	62.07	61.83	24.3	23.5	28	29.1	27.2	26.1	26.4	29.4	23	85	83	60	60	65	69	70.3	------
15	60.97	61.68	62.81	60.64	61.31	62.86	61.71	23.5	23.6	28	29	26.8	23.5	25.7	29	22.8	83	86	57	61	57	72	69.3	------
16	62.23	62.91	64.06	61.61	62.53	63.16	62.75	23.2	22.5	25.7	27.6	26	25	25	29	22	75	78	67	59	69	74	70.3	------
17	62.46	63.29	63.72	61.05	61.96	63.23	62.62	24.1	23.6	28	29.1	27.1	25	26.2	29.9	23.1	78	83	61	53	65	79	69.8	------
18	62.17	63.18	63.73	61.09	62.07	62.42	62.44	23.2	23.2	27	28.9	26.1	24.5	25.5	29.5	22.6	88	90	73	62	76	83	78.7	------
19	61.42	61.73	62.31	59.81	60.61	61.42	61.22	23.5	23.1	25	29.1	27.2	24.2	25.4	29.9	22.8	89	90	90	60	75	86	81.7	2.5
20	60.73	60.98	61.05	58.42	59.49	61.06	60.29	23.4	23.5	29	30	28.4	25	26.6	30.6	22.9	90	91	63	56	66	83	74.8	------
21	59.87	60.67	61.71	59.27	60.35	61.26	60.52	23.8	23.6	28.5	29.1	27.5	25	26.2	30.4	23.1	88	90	64	67	77	85	78.5	------
22	60.67	61.17	61.90	59.37	60.72	61.60	60.90	24	24	29	29.5	28.2	25.2	26.6	30.5	23.5	88	91	64	64	66	82	75.8	------
23	60.81	60.84	61.73	59.37	60.14	61.35	60.71	24.2	23.5	28.2	29.5	27.6	24.4	26.2	30.5	23	88	91	60	52	59	74	70.7	------
24	60.49	60.54	61.28	58.76	59.81	61.57	60.41	22.5	22.5	27.5	30	28.1	24	25.8	30.5	21.8	87	85	59	43	56	79	68.2	------
25	61.03	61.36	62.63	60.29	60.45	61.68	61.24	23	22.5	28	29.6	27.9	23.5	25.8	30	21.9	87	90	57	46	54	80	69	------
26	61.39	61.45	62.43	59.81	60.27	61.41	61.13	22.4	22.1	26.6	30	27.6	24	25.4	30.5	21.5	87	90	65	41	56	71	68.3	------
27	60.52	60.66	61.78	59.50	59.57	60.75	60.46	23.2	23.1	27.7	30	28.5	25.4	26.3	30.1	22.4	77	86	65	53	57	66	67.3	------
28	60.09	60.43	61.27	59.15	59.79	60.92	60.28	22.5	21.1	28.5	30.5	28	25.2	26	31	20.9	75	77	62	50	70	78	68.7	------
29	60.11	60.73	61.93	60.09	60.04	60.82	60.62	25	23.6	28	30	27.6	24.2	26.4	30	23.4	83	90	67	53	59	75	71.2	------
30	60.27	60.82	61.67	59.67	60.27	61.73	60.74	23.5	23.1	28.1	30	28.8	24.8	26.4	30.6	22.6	81	86	63	51	51	74	67.7	------
31	61.07	61.43	62.01	59.67	60.32	61.11	60.94	23.2	23.2	28.6	30.6	28.5	25.2	26.6	31	22.9	86	90	60	47	60	78	70.2	------
Mean	60.75	61.22	62.04	59.63	60.41	61.44	60.92	23.7	23.3	27.9	29.5	27.7	24.8	26.2	30	22.7	85.5	88.1	66.5	57.2	65.4	79.3	73.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	63.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	N	N	NE	NE	NE	N	92	133.8	145.4	85.8	457	3	------	Cu.	6	Ci.	Cu.
2	NNE	NE	NE	NE	N	N	100.1	140	157.9	107.6	505.6	7	Ci.	Cu.	2	------	Cu.
3	N	N	NE	NE	N	N	104.8	146.2	135.4	125.7	512.1	2	------	Cu.	9	Ci.-S.	Cu.-N.
4	N	N	NNE	NE	N	N	119.4	128.7	151.8	114.8	514.7	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
5	N	N	NE	NE	NE	N	108.8	131.7	141.9	86.6	469	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.
6	N	N	NE	NE	NE	N	83.9	112.9	131.5	101.9	430.2	8	Ci.-S.	Cu.	6	------	Cu.
7	N	N	NE	NE	NE	N	87.1	104.1	107.5	63.3	362	7	Ci.	Cu.	3	------	Cu.
8	N	N	NE	ENE	NE	NE	64.9	89.8	138.2	92.5	385.4	4	Ci.	Cu.	5	------	Cu.
9	N	N	NE	NE	NE	N	82.9	146.9	172.8	112.1	514.7	3	------	Cu.	3	------	Cu.
10	N	N	N	NE	NE	N	120.4	103	140.8	99	463.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
11	N	E	NE	NE	NE	N	95.5	79.9	136	102.4	413.8	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
12	N	N	NE	NE	NE	N	81.6	138.7	198.8	92.8	511.9	6	Ci.	Cu.	1	------	Cu.
13	N	N	NE	NE	N	NE	104.6	121.8	115.4	92.5	434.3	2	------	Cu.	9	Ci.-S.	Cu.-N.
14	NE	N	NE	NE	NE	NE	107.5	177.9	203	159.7	648.1	6	Ci.	Cu.	6	Ci.	Cu.
15	N	N	NE	NE	NE	N	142.1	207.1	232.2	------	------	8	Ci.	Cu.	10	Ci.-S.	Cu.-N.
16	N	N	NE	NE	N	N	------	164.5	186.7	127.7	------	4	Ci.	Cu.	10	Ci.-S.	Cu.-N.
17	N	N	NE	NE	NE	NE	128.4	166.6	181.9	140.2	617.1	7	Ci.	Cu.	9	Ci.-S.	Cu.-N.
18	N	N	NE	NE	N	N	126.8	144.3	214.1	125.2	610.4	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
19	N	N	NE	NE	NE	N	132.3	125	172.8	89.3	519.4	8	Ci.-S.	Cu.	3	------	Cu.
20	N	N	NE	NE	NE	N	91.5	126	137.3	93.6	448.4	2	------	Cu.	1	------	Cu.
21	N	N	NE	NE	NE	N	87.4	114.1	123.7	85.5	410.7	2	------	Cu.	8	Ci.-S.	Cu.
22	N	N	NE	NE	NE	N	94.4	112.9	146.2	108	461.5	1	------	Cu.	6	Ci.	Cu.
23	N	N	NE	NE	NE	N	103	151.1	147.1	84.3	485.5	2	------	Cu.	6	------	Cu.
24	NE	N	NE	NE	NE	N	70.3	171.3	184.5	72.2	498.3	4	------	Cu.	3	------	Cu.
25	N	N	NE	NE	NE	N	80	145.8	164.1	104.8	494.7	2	------	Cu.	6	Ci.	Cu.
26	N	N	NE	E	NE	N	87.2	115.4	117.8	87.9	408.3	2	------	Cu.	2	------	Cu.
27	N	N	NE	NE	NE	N	100.8	141.8	139.4	78.7	460.7	2	------	Cu.	3	------	Cu.
28	N	N	NE	ENE	NE	N	59.3	74.2	125.2	95.5	354.2	2	------	Cu.	7	Ci.	Cu.
29	N	N	NE	NE	NE	N	100.1	160.6	184.5	102.4	547.6	5	Ci.	Cu.	3	------	Cu.
30	N	N	NE	NE	NE	N	105.2	130.6	157.7	87.4	480.9	6	Ci.	Cu.	3	------	Cu.
31	N	N	NE	NE	NE	N	123.1	149.7	165	101.4	539.2	3	------	Cu.	3	------	Cu.
Mean	------	------	------	------	------	------	99.5	134.1	156.7	100.7	481.3	5	------	------	5.7	------	------

ILOILO.

[φ=10° 42′ N; λ=122° 34′ E: barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

FEBRUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.12	62.13	62.70	60.11	60.24	61.36	61.28	24.5	23.5	28.2	30.1	27.7	24.2	26.4	30.5	23	83	90	65	52	65	78	72.2	------
2	60.83	61.36	62.12	59.62	59.22	59.90	60.51	23	22.8	27.5	31	27.7	23.5	25.9	31.1	21.6	87	91	60	32	58	71	66.5	------
3	59.61	59.94	61	59.02	59.47	60.31	59.89	21.8	21.6	28.2	31.1	28	24	25.8	31.4	20.9	80	86	60	34	62	74	66	------
4	60.03	60.45	61.22	58.35	59.52	60.63	60.03	21.4	21.6	28	31.6	28.1	25.2	26	32.5	20.5	82	78	59	40	63	74	66	------
5	60.07	61.08	61.97	58.92	59.84	61.17	60.51	23.2	22.6	29	30.6	28.1	25.1	26.4	30.6	21.6	85	86	61	52	60	75	69.8	------
6	60.21	60.89	61.52	58.37	59.17	60.56	60.12	23.8	24.1	28.5	31.5	29.1	25.2	27	32	23.2	77	82	64	50	57	80	68.3	------
7	59.69	60.39	61.31	58.80	59.64	60.83	60.11	23.4	22.6	28.6	30.5	28.5	24.5	26.4	31	22.3	88	91	57	47	50	71	67.3	------
8	60.43	61.28	61.87	59.21	59.71	61.08	60.60	22.8	22.4	28.5	31.5	28.5	24.5	26.4	31.9	21.9	80	84	51	40	54	75	64	------
9	60.87	61.21	62.52	59.81	59.72	60.88	60.84	23.8	22.6	27.5	30.7	28.7	24.2	26.2	31.4	22	80	87	57	40	48	66	63	------
10	60.27	60.44	61.58	58.62	59.05	59.70	59.94	23.6	22.6	28.2	30.1	28.1	25	26.3	31.5	21.9	80	86	56	48	63	77	68.3	------
11	58.93	58.80	60.23	57.86	58.54	60.01	59.06	23.8	24.2	28.5	31.5	29.1	26	27.2	32	23.3	85	85	60	48	57	73	68	------
12	59.59	59.70	60.22	58.07	58.51	59.91	59.33	24.1	23.5	29	30.7	29	25.8	27	31.3	23	86	88	54	49	55	74	67.7	------
13	59.68	59.93	61.27	58.64	58.91	59.97	59.73	24.1	23.3	28.2	30.6	28.6	25	26.6	31	23	86	90	61	50	54	74	69.2	------
14	59.73	60.07	61.66	59.47	60.10	61.73	60.46	23.2	23.8	28	29.6	27.2	25.2	26.2	30.9	22.8	76	78	53	47	64	76	65.7	------
15	61.12	61.69	62.14	60.09	60.51	61.78	61.22	24.6	24.5	28.5	30.4	28.2	26.2	27.1	31	24	80	83	60	43	56	67	64.8	------
16	61.69	61.73	62.30	59.96	60.31	61.62	61.27	24.2	23.5	28.1	30.6	28.5	25	26.6	31.1	23.1	77	79	63	47	52	73	65.2	------
17	61.01	61.78	62.67	59.71	59.84	60.82	60.97	23.8	22.6	28.5	30.9	28.1	23.6	26.2	31	22.3	81	87	51	37	44	62	60.3	------
18	60.63	61.17	62.45	59.87	60.27	61.99	61.06	22.1	22	28.2	29.6	28.5	24.2	25.8	30.7	21.3	69	82	53	46	44	66	60	------
19	61.39	62.20	63.23	60.39	60.25	61.81	61.54	23.2	22.5	28	31	28.7	24.2	26.3	31.5	21.1	76	82	55	35	47	68	60.5	------
20	60.87	61.25	62.08	59.66	60.09	61.79	60.96	22	22.6	27.5	31.1	28.1	23.5	25.8	31.4	21.4	82	82	65	27?	41	71	61.3	------
21	60.99	61.72	62.43	59.56	59.87	61.47	61.01	22.4	21.7	28.1	30.6	28.6	24.8	26	31.9	21.4	77	83	57	36	45	66	60.7	------
22	61.03	61.92	62.66	59.58	60.16	61.50	61.14	23.5	22.6	27.8	31.1	28.6	26	26.6	31.5	22.1	79	86	61	40	49	63	63	------
23	60.97	61.74	62.67	60.11	59.95	61.57	61.17	24.2	23.1	28.2	30.5	28.5	25	26.6	31.1	22.6	80	88	59	44	56	68	65.8	------
24	61.04	61.83	62.42	59.85	59.96	61.73	61.14	24	23.7	28.6	31.5	28.5	25.6	27	31.5	23.3	74	84	57	40	60	70	64.2	------
25	61.21	61.69	62.44	59.56	59.56	61.46	60.99	25	24.1	29	30.5	28.6	26	27.2	31	23.6	77	82	61	51	56	70	66.2	------
26	60.89	61.14	62.37	59.55	59.83	60.92	60.78	24.8	24	29.2	30.6	29.1	25.8	27.2	31.1	23.5	79	84	62	52	53	70	66.7	------
27	60.61	60.88	61.73	59.10	59.36	61.03	60.45	24.4	23.7	29	31.1	28.6	26.2	27.2	31.1	23.4	80	85	61	48	63	67	67.3	------
28	60.49	60.78	61.91	59.06	59.44	61.20	60.48	24.7	24	28.6	30.4	28.5	24.2	26.7	30.9	23.6	79	82	63	46	57	82	68.2	------
Mean	60.54	61.04	61.95	59.32	59.68	61.03	60.59	23.6	23.1	28.3	30.8	28.4	24.9	26.5	31.3	22.4	80.2	84.7	58.8	43.6	54.8	71.5	65.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	N	N	NE	NE	NE	N	88.7	120.5	137	96.8	443	2	------------	Cu.	3	------------	Cu.
2	N	N	NE	NE	NE	N	95.6	114	128.2	70.2	408	2	------------	Cu.	1	------------	Cu.
3	NE	N	NE	NE	NE	N	61.4	92.3	72.7	52.5	278.9	2	------------	Cu.	4	Ci.	Cu.
4	NE	NE	NE	E	SW	N	41.5	46.1	66.6	62.8	217	2	------------	Cu.	5	Ci.	Cu.
5	N	N	NE	NE	NE	N	61.4	112.5	125.5	78.6	378	3	------------	Cu.	5	Ci.	Cu.
6	N	N	NE	NE	NE	N	72.2	108.6	148.6	115.4	444.8	8	Ci.-S.	Cu.-N.	3	------------	Cu.
7	N	N	NE	NE	NE	N	88.3	129	160.5	107.5	485.3	2	------------	Cu.	2	------------	Cu.
8	N	N	NE	NE	NE	N	90.3	108.9	139.4	96	434.6	2	------------	Cu.	2	------------	Cu.
9	N	N	NE	NE	NE	NE	91.4	120.1	141.3	89.3	442.1	2	------------	Cu.	2	------------	Cu.
10	N	N	NE	NE	NE	N	110.5	144.2	153.2	80.3	488.2	1	------------	Cu.	2	------------	Cu.
11	N	N	NE	NE	NE	N	63.1	114.5	125.3	80.5	383.4	2	------------	Cu.	3	------------	Cu.
12	N	N	NE	NE	NE	N	71.1	128.1	176.6	108.9	484.7	3	------------	Cu.	3	------------	Cu.
13	N	N	NE	NE	NE	NE	111.3	156.9	212	103.5	583.7	2	------------	Cu.	4	------------	Cu.
14	N	N	NE	NE	NE	N	118	155.3	203.1	121.3	597.7	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.
15	N	N	NE	NE	NE	N	118.9	183.2	207.2	112.5	621.8	4	Ci.	Cu.	3	------------	Cu.
16	N	N	N	NE	NE	N	87.5	155.6	193.5	85.3	521.9	2	------------	Cu.	3	------------	Cu.
17	N	N	NE	NE	NE	NE	77.9	97.9	160.6	76.1	412.5	3	Ci.	Cu.	4	------------	Cu.
18	N	N	NE	NE	NE	N	80.3	115.3	162.4	69.7	427.7	1	------------	Cu.	3	------------	Cu.
19	NE	N	NE	NE	NE	N	69.8	119.9	146.4	95.8	431.9	1	------------	Cu.	3	------------	Cu.
20	N	N	NE	NE	NE	N	85	136.2	166.4	103.2	490.8	1	------------	Cu.	1	------------	Cu.
21	N	N	NE	NE	NE	NE	99.2	140.6	161.8	78.6	480.2	2	------------	Cu.	2	------------	Cu.
22	N	N	NE	NE	NE	NE	87.9	127.1	139.7	91.7	446.4	1	------------	Cu.	5	------------	Cu.
23	N	N	NE	NE	NE	N	103.6	128.7	153.7	95.8	481.8	1	------------	Cu.	2	------------	Cu.
24	N	N	NE	NE	NE	N	63.1	149.4	190.3	114.5	517.3	3	------------	Cu.	3	------------	Cu.
25	N	N	NE	NE	NE	N	111.3	138.1	181.3	93.5	524.2	3	------------	Cu.	1	------------	Cu.
26	N	N	NE	ENE	NE	N	105.9	154.3	168.9	94.8	523.9	1	------------	Cu.	2	------------	Cu.
27	NE	N	NE	ENE	NE	N	89.1	125.5	177.9	102.8	495.3	3	------------	Cu.	3	------------	Cu.
28	N	N	NE	NE	NE	N	101.1	162.4	219.9	151.9	635.3	2	------------	Cu.	7	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	87.3	128	157.9	93.9	467.2	2.5	------------	------------	3.2	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	13,080.4	----	------------	------------	----	------------	------------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

MARCH, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.47	60.69	61.91	59.65	59.68	61.46	60.64	23.6	23.1	28.6	30.6	28.8	26.5	26.9	31	22.8	84	85	57	42	55	67	65	------
2	60.85	61.44	63.07	60.21	60.31	62.12	61.33	25.2	24.7	29	31	28.6	25.8	27.4	31.1	24.1	79	80	62	48	54	64	64.5	------
3	61.21	61.83	62.90	60.29	60.71	62.22	61.53	25	24.5	29.1	31	28.6	27	27.5	31.2	23.9	76	79	58	51	60	75	66.5	------
4	61.82	62.41	63.49	61.09	61.33	62.96	62.18	25.8	25	29.5	31.6	29.7	27	28.1	32.3	24.6	74	79	58	49	55	70	64.2	------
5	61.98	62.41	63.12	60.44	60.54	62.33	61.80	25.6	24.5	29.2	32	29.5	25.6	27.7	32.2	24	79	83	58	44	52	73	64.8	------
6	61.51	61.79	62.50	59.60	59.86	61.76	61.17	24.8	24.2	29.5	32	29.5	26.2	27.7	32.3	23.9	77	82	52	38	50	66	60.8	------
7	60.95	61.51	62.22	59.44	60.01	62.15	61.05	25.2	24.8	30	32	29.5	27.2	28.1	32.4	24.5	79	84	64	52	62	74	69.2	------
8	60.92	61.33	62.47	60.44	60.98	62.73	61.48	26	25.7	29.5	31.4	30.5	27	28.4	32	25.4	84	86	67	52	47	66	67	------
9	61.95	62.41	63.22	60.45	61.05	62.69	61.96	25.8	24.5	29.2	31.1	29.6	27.2	27.9	32	24.1	78	83	62	46	48	71	64.7	------
10	61.68	62.34	63.37	60.40	60.95	62.93	61.94	25.2	25.1	29	32	29.6	27	28	32.4	24.4	78	82	61	49	58	70	66.3	------
11	61.85	62.28	62.70	59.38	59.44	61.21	61.14	25.1	24.1	30	32.4	30.1	26.5	28	32.8	23.6	79	86	60	36	40	55	59.3	------
12	59.95	60.39	61.74	58.44	58.66	60.34	59.92	25.2	24	29.5	32.6	29.8	26.5	27.9	33.9	23.5	78	83	53	36	64	80	65.7	------
13	59.75	60.62	62.21	59.76	59.93	61.36	60.60	25.5	23	29.2	29.5	29.6	26	27.1	31	22.3	84	88	63	69	64	78	74.3	------
14	60.48	61.13	62.05	59.19	60.34	61.91	60.85	24.6	23.6	30.5	33	29	26.5	27.9	34.4	23.4	82	85	52	48	69	69	67.5	------
15	61.15	61.33	62.26	59.48	59.73	61.56	60.92	24.6	23.4	29.8	32	29.5	26.4	27.6	32.1	23	77	80	59	41	49	66	62	------
16	60.78	61.05	61.67	58.95	59.29	61.05	60.46	25.2	25.2	29.6	32.5	29.9	26.2	28.1	32.6	24.9	80	78	55	39	50	71	62.2	------
17	60.22	60.82	62.12	59.23	59.38	60.62	60.40	25.2	25	29	32	29.7	26.8	28	32.6	24.6	82	83	60	47	57	67	66	------
18	60.35	61.12	62.60	59.75	60.64	62.54	61.17	25	23.6	30.4	32	30	26.6	27.9	32.5	23	72	78	63	54	59	78	67.3	------
19	61.68	62.23	63.50	61.18	61.69	63.07	62.22	25.2	24.6	29.7	29.1	28	26.6	27.2	30.5	24.2	83	87	65	67	73	77	75.3	------
20	61.85	62.30	62.79	59.86	59.86	61.38	61.34	25.6	24.6	29.6	31.1	29	26.7	27.8	31.5	24.5	79	83	55	44	55	66	63.7	------
21	60.55	61.01	61.82	59.21	59.83	60.97	60.56	25	24.7	29.5	32.5	29.6	26.8	28	32.7	24.4	76	82	58	47	54	64	63.5	------
22	60.55	60.53	61.47	58.88	59.54	61.09	60.34	25.3	25	29.6	32.6	30	27	28.2	33	24.5	77	80	58	42	65	72	65.7	------
23	60.78	61.19	61.71	58.72	59.54	61.38	60.55	26	24.6	30	33.5	30.5	27.2	28.6	33.6	24.3	79	83	59	35	50	65	61.8	------
24	61.15	62.17	62.96	59.54	60.23	61.74	61.30	25.5	25.2	29.8	33	30.1	26.8	28.4	33	24.6	78	82	62	39	49	61	61.8	------
25	60.85	61.82	62.12	58.76	58.86	60.05	60.41	26.2	24.1	30	32.5	29.6	26.5	28.2	32.6	23.3	79	86	62	41	52	68	64.7	------
26	59.57	60.48	61.42	58.60	58.89	60.76	59.95	25.2	24.1	29.1	31.1	29.2	26.6	27.6	31.9	23.4	83	86	60	50	54	68	66.8	------
27	60.37	60.81	61.77	59.13	59.19	60.81	60.35	25	24.6	30	32.5	30.2	27.4	28.3	33.1	24.1	80	82	55	37	49	67	61.7	------
28	60.36	61.30	61.80	59.34	60.05	61.57	60.74	26.2	26	28.5	30.5	29.1	26.3	27.8	31.2	25.1	76	76	66	54	55	78	67.5	------
29	60.62	61.21	62.58	60.50	60.49	62.23	61.27	25.8	25.3	27.3	28	28.1	25.6	26.7	30.1	23.9	82	85	82	77	75	85	81	1.6
30	60.85	61.24	62.40	59.53	60.09	61.84	60.99	25.2	25.1	29.6	32.5	30.3	28.2	28.5	32.7	24.4	87	87	66	49	61	76	71	------
31	60.46	60.38	61.44	58.53	59.29	60.79	60.15	26.2	25.8	30.5	33.1	30.1	28.2	29	33.5	25	84	88	62	50	62	69	69.2	------
Mean	60.89	61.41	62.37	59.61	60.01	61.67	60.99	25.3	24.6	29.5	31.7	29.5	26.7	27.9	32.3	24.1	79.5	82.9	60.5	47.5	56.4	70.2	66.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	N	121.3	187	203.8	130.6	642.7	4	Ci.	Cu.	3	-------------	Cu.
2	N	N	NE	NE	NE	N	122.8	176	184.3	115.6	598.7	9	Ci.-S.	Cu.	3	-------------	Cu.
3	N	N	NE	NE	NE	N	120.5	141.1	174.4	129.7	565.7	3	-------------	Cu.	3	-------------	Cu.
4	N	N	NE	NE	NE	N	112.3	141.8	169.2	120.1	543.4	1	-------------	Cu.	3	-------------	Cu.
5	N	N	NE	NE	NE	N	107.5	146.7	164.1	114	532.3	4	Ci.	Cn.	3	-------------	Cu.
6	N	N	NE	NE	NE	N	106.5	122.5	153.9	104.9	487.8	1	-------------	Cu.	1	-------------	Cu.
7	N	N	NE	NE	NE	N	112.1	137.8	177.9	112.4	540.2	1	-------------	Cu.	2	-------------	Cu.
8	N	N	NE	NE	NE	N	108.9	166.2	198	87.9	561	2	-------------	Cu.	3	-------------	Cu.
9	N	N	NE	NE	NE	NE	101.7	169.7	193.5	105.2	570.1	1	-------------	Cu.	1	-------------	Cu.
10	NE	N	NE	NE	NE	N	93.8	137.1	135.7	86.6	453.2	1	-------------	Cu.	2	-------------	Cu.
11	N	N	NE	NE	NE	N	78.1	137.8	187.4	109.2	512.5	1	-------------	Cu.	2	-------------	Cu.
12	N	N	NE	NE	NE	SW	96.3	120.2	81.1	33	330.6	1	-------------	Cu.	2	-------------	Cu.
13	S	Calm	SW	SW	SW	N	15.3	40.2	113.2	39.9	208.6	2	-------------	Cu.	4	Ci.	Cu.
14	N	N	NE	NE	SW	N	21.7	36.7	79.5	66.5	204.4	3	Ci.	Cu.	5	Ci.	Cu.
15	N	N	ENE	NE	NE	N	66.2	105.6	175.8	101.2	448.8	1	-------------	Cu.	3	-------------	Cu.
16	N	N	NE	NE	NE	N	92.8	142.4	170.2	111.6	517	4	Ci.	Cu.	1	-------------	Cu.
17	N	N	NE	NE	NE	N	79.9	95.3	118.6	80	373.8	2	-------------	Cu.	9	Ci.-S.	Cu.-N.
18	N	N	NE	NE	NE	N	64.1	106.4	143.5	117.3	431.3	1	-------------	Cu.	8	Ci.-S.	Cu.
19	N	N	NE	N	NE	N	101.2	143.4	147.9	103.2	495.7	4	Ci.	Cu.	6	Ci.	Cu.
20	N	N	NE	NE	NE	N	89.9	147.8	171.1	95.6	504.4	5	Ci.	Cu.	6	Ci.	Cu.
21	N	N	NE	NE	E	N	92.2	115.4	87.4	80.2	375.2	2	-------------	Cu.	6	Ci.	Cu.
22	N	N	NE	NE	NE	N	101.9	130.2	156.9	108.8	497.8	2	-------------	Cu.	1	-------------	Cu.
23	N	N	NE	NE	NE	N	118.3	142.7	147.6	131.4	540	1	-------------	Cu.	1	-------------	Cu.
24	N	N	ENE	NE	NE	N	110.4	147.3	116.9	83.2	457.8	1	-------------	Cu.	2	-------------	Cu.
25	NE	N	E	NE	NE	NE	75.1	123.3	157.1	90.4	445.9	1	-------------	Cu.	1	-------------	Cu.
26	NE	N	NE	NE	NE	N	86.3	136.8	173.4	102.2	498.7	1	-------------	Cu.	3	-------------	Cu.
27	N	N	NE	NE	NE	N	107.8	146.4	163.4	124.7	542.3	1	-------------	Cu.	2	-------------	Cu.
28	N	N	NE	NE	NE	N	123.9	141.1	176.1	118	559.1	10	Ci.-S.	Cu.-N.	7	-------------	Cu.
29	N	NE	N	N	N	N	117	115.1	137.6	109.2	478.9	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
30	N	N	NE	NE	NE	NE	100	126.3	174.5	125.8	526.6	7	Ci.-S.	Cu.	3	-------------	Cu.
31	N	N	ENE	NE	NE	N	98.5	132.8	130.6	96.4	458.3	3	-------------	Cu.	6	Ci.	Cu.
Mean	------	------	------	------	------	------	95	130.9	153.7	101.1	480.7	2.9	-------------	-------------	3.6	-------------	-------------
Total	------	------	------	------	------	------	------	------	------	------	14,902.8	----	-------------	-------------	----	-------------	-------------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

APRIL, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.96	60.52	60.70	57.72	57.91	59.60	59.40	27	26	32.1	34	30.1	28.2	29.6	34.8	25	74	79	54	41	64	69	63.5	------
2	59.02	59.97	60.74	58.13	58.89	60.14	59.48	27.1	27.1	31.1	34.9	29.5	28.4	29.7	35	26.5	77	79	61	42	71	80	68.3	------
3	59.40	60.01	61.28	58.57	59.27	60.79	59.89	27.2	26.6	31	33.7	29.6	28.2	29.4	34.4	26.5	75	79	59	46	70	68	66.2	------
4	59.97	60.61	61.41	58.56	59.60	60.87	60.17	27	25.6	32	33.9	29.5	27.8	29.3	35.4	25.4	72	78	50	51	75	80	67.7	------
5	60.86	61.22	62	58.93	59.65	61.31	60.67	26.2	25	31.1	33.1	30.5	28.2	29	33.6	24.7	76	83	61	41	45	52	59.7	------
6	60.96	61.78	62.94	59.82	59.99	61.30	61.13	25.5	24.6	30.5	33	29.6	27.2	28.4	33.1	23.7	63	68	55	43	56	59	57.3	------
7	60.92	61.36	62.28	59.49	60.13	61.71	60.98	25.7	23.5	31.1	33.1	30.3	27.5	28.5	33.6	22.9	64	74	52	44	54	55	57.2	------
8	61.06	61.12	62.23	58.95	59.26	61.16	60.63	25.6	25.1	30.1	32.5	30.7	28.2	28.7	33	24.9	68	77	61	50	57	69	63.7	------
9	60.06	60.88	61.73	59.43	59.79	61.31	60.53	26.2	25.6	30.5	31.2	30.2	28	28.6	32.2	25.2	76	75	57	57	59	65	64.8	------
10	60.46	60.97	61.76	58.69	59.32	60.97	60.36	27	25.8	31	33.1	31	28.2	29.4	33.6	25.6	75	76	55	50	56	65	62.8	------
11	60.03	60.08	60.89	58.15	58.58	60.50	59.70	26.5	25.5	30	32.5	30	28.8	28.9	33	25	74	74	58	49	58	64	62.8	------
12	60.10	60.23	60.95	58.53	58.89	61.04	59.96	26.6	25.7	30.6	33.1	30.1	29	29.2	33.6	25	68	75	58	50	64	69	64	------
13	60.66	60.88	61.94	59.52	60.39	61.71	60.85	26.9	26	31.1	32.6	28.6	27.2	28.7	33.1	25.3	79	83	60	54	70	74	70	------
14	60.52	60.55	61.76	59.31	59.06	60.77	60.33	26.1	25.7	30.1	31.6	30.1	28.4	28.7	32.5	25	79	82	61	54	60	68	67.3	------
15	59.90	60.05	60.54	57.83	58.55	60.26	59.52	26.7	25.6	31	31.6	30.5	28	28.9	32.6	25.4	79	83	61	56	55	58	65.3	------
16	59.48	59.59	60.08	57.39	57.75	59.64	58.99	26.4	25.1	31.1	32.1	30	27.9	28.8	33.6	25	75	87	56	46	43	57	60.7	------
17	59.04	58.25	58.94	56.39	56.94	58.67	58.04	26.5	25.5	30.7	33.6	30.5	28	29.1	34.1	25	70	80	60	40	58	59	61.2	------
18	58.22	58.24	59.39	56.81	57.14	59.16	58.16	26.4	25.6	31.2	33.6	30.6	26.8	29	34.8	25.1	68	79	58	44	59	71	63.2	------
19	58.66	59.26	59.85	57.43	58.24	59.92	58.89	26.5	26.5	30.7	33.1	31	28.5	29.4	34.1	26	76	80	64	42	50	60	62	------
20	59.42	60.27	60.55	58.61	58.90	59.66	59.57	26.5	26.1	31	30.4	30.7	28.8	28.9	32.3	25.7	74	82	59	60	55	64	65.7	------
21	59.37	60.13	59.90	57.54	58.25	59.99	59.20	26.5	25.8	30.6	32	29.6	25.9	28.4	32.1	25.2	79	84	61	52	61	85	70.3	3.8
22	58.98	59.70	59.96	57.89	58.39	59.56	59.08	26.5	26.3	30.9	32.1	29.7	28.5	29	32.9	26.1	80	86	62	52	65	73	69.7	------
23	58.99	59.48	60.36	58.68	59.33	60.91	59.62	26.2	25.7	31.1	32.1	29.6	25.4	28.4	32.5	25.1	82	84	58	46	64	84	69.7	2.1
24	59.92	60.22	60.62	58.66	58.56	60.31	59.72	25	24.6	30.1	31.7	29.6	27	28	32.2	23.9	88	90	64	47	61	71	70.2	------
25	59.50	59.69	59.91	57.34	57.82	59.40	58.94	26	25.2	31.6	32.1	29.1	27.2	28.5	33	24.9	80	88	54	51	70	79	70.3	------
26	58.78	59.32	59.63	57.18	57.70	59.05	58.61	26	25.6	30.6	32.6	30.2	27.8	28.8	33.1	24.9	87	87	58	48	57	71	68	------
27	58.48	58.32	59.33	57.02	57.04	59.23	58.24	26.5	25.6	31	32.6	30.1	28	29	33	25	79	83	56	49	61	69	66.2	------
28	58.47	58.69	59.49	57.29	58.13	59.46	58.59	27	26.5	31.3	32.1	30.5	28	29.2	32.9	26	80	83	58	54	59	70	67.3	------
29	59.12	59.16	59.19	56.20	56.55	59.56	58.30	26.5	26.6	31.5	34	30.6	29.1	29.7	34	26	77	83	57	38	58	70	63.8	------
30	58.42	58.24	59.30	56.71	57.49	59.59	58.29	27.2	26.1	31.5	34.6	29.7	29	29.7	35.1	25.7	77	84	63	40	74	79	69.5	------
Mean	59.62	59.96	60.66	58.09	58.58	60.25	59.53	26.4	25.7	30.9	32.8	30.1	27.9	29	33.4	25.2	75.7	80.8	58.4	47.9	60.3	68.6	65.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			6 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	N	74.2	85.1	118.8	90.1	368.2	3	------------	Cu.	3	------------	Cu.
2	N	N	NE	NE	SW	SW	59.5	66.2	77.4	31.2	234.3	3	------------	Cu.	3	------------	Cu.
3	N	N	E	E	SW	NW	75	87.2	80.7	36	278.9	2	------------	Cu.	2	------------	Cu.
4	N	N	NE	SW	SW	SW	62.2	44.6	67.3	42.9	217	4	------------	Cu.	3	------------	Cu.
5	NW	N	E	NE	NE	N	70.2	101.9	141.4?	93.3	406.8	3	Ci.-S.	Cu.	2	------------	Cu.
6	N	N	NE	E	NE	NE	67.8	115.1	123.6	83.4	389.9	1	------------	Cu.	1	------------	Cu.
7	N	N	NE	NE	NE	N	89.5	106.2	129.8	74.5	400	1	------------	Cu.	2	------------	Cu.
8	N	N	NE	NE	NE	NE	94.4	141.4	212.5	141.8	590.1	1	------------	Cu.	2	------------	Cu.
9	N	N	NE	NE	NE	N	107.8	157.2	151.2	111.8	528	1	------------	Cu.	8	Ci.	Cu.
10	N	N	NE	NE	NE	NE	108.3	163.6	178.7	111.3	561.9	3	------------	Cu.	2	------------	Cu.
11	N	N	NE	NE	NE	NE	77.7	115.1	135.7	119.1	447.6	2	------------	Cu.	1	------------	Cu.
12	NE	N	NE	NE	NE	NE	106.8	154.5	189.4	114.3	565	1	------------	Cu.	1	------------	Cu.
13	N	N	NE	NE	NE	N	103.2	135	193.7	117.5	549.4	1	------------	Cu.	6	Ci.	Cu.
14	N	N	NE	NE	NE	NE	116.9	164.1	168	110.7	559.7	2	------------	Cu.	3	------------	Cu.
15	N	N	NE	NE	NE	NE	100.9	119.7	151.1	89.1	460.8	3	------------	Cu.	2	------------	Cu.
16	N	N	NE	NE	NE	N	80.5	96.8	119.9	80.7	377.9	1	------------	Cu.	4	Ci.	Cu.
17	N	N	NE	E	NE	N	89.5	114.5	114	81.6	399.6	2	------------	Cu.	3	------------	Cu.
18	N	N	NE	ENE	NE	N	88.7	89	109.9	88.7	376.3	1	------------	Cu.	2	------------	Cu.
19	N	N	NE	NE	NE	NE	106.7	133.1	165.5	108	513.3	6	Ci.	Cu.	3	------------	Cu.
20	N	N	NE	NE	NE	N	87.1	128.4	143.5	113.5	472.5	5	------------	Cu.	10	Ci.-S.	Cu.-N.
21	N	N	NE	NE	NE	N	100.3	171.2	216.5	107.5	595.5	1	------------	Cu.	1	------------	Cu.
22	N	N	NE	NE	NE	NE	109.4	154.5	173.6	132.8	570.3	8	Ci.-S.	Cu.	3	------------	Cu.
23	N	N	NE	NE	NE	N	114.3	186.9	178.9	117.2	597.3	1	------------	Cu.	1	------------	Cu.
24	N	N	NE	NE	NE	N	112.3	159.1	207.5	118.5	597.4	9	Ci.-S.	Cu.-N.	4	------------	Cu.
25	N	N	NE	NE	NE	N	117	183.8	212.7	117.5	631	4	------------	Cu.	3	------------	Cu.
26	N	N	NE	NE	NE	N	105.6	169	179.5	99.5	553.6	2	------------	Cu.	3	------------	Cu.
27	N	N	NE	NE	NE	N	98.7	150.2	146.4	124.2	519.5	1	------------	Cu.	1	------------	Cu.
28	N	N	NE	NE	NE	NE	103.5	143	175	91.1	512.6	5	Ci.	Cu.	3	------------	Cu.
29	N	N	NE	NE	NE	N	108	146.4	165.8	108	528.2	2	------------	Cu.	1	------------	Cu.
30	N	N	NE	NE	SW	N	89.9	103.3	102.7	64.7	360.6	2	------------	Cu.	3	------------	Cu.
Mean	-----	-----	-----	-----	-----	-----	94.2	129.5	151	97.4	472.1	2.7	------------	------------	2.9	------------	------------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	14,163.2	-----	------------	------------	-----	------------	------------

NOTE.—The relative humidity for April 5, 10 p. m., to 12, 10 a. m., has been taken from a self-registering apparatus.

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

MAY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.34	58.56	59.06	56.64	57.60	59.47	58.28	27.6	27.1	31.6	32	28	26.1	28.7	35.5	25.8	80	83	65	66	81	88	77.2	1.3
2	58.42	58.39	58.82	56.52	58.27	58.66	58.18	25.6	25.5	32	32.6	27.6	25.5	28.1	33.1	24.9	92	91	60	63	73	91	78.3	7.4
3	58.23	58.47	58.86	56.12	58.03	59.24	58.16	25.2	25.1	31.1	31.1	26.5	26	27.5	33	24.6	94	95	66	69	86	87	82.8	2.8
4	57.85	58	58.05	55.38	56.79	57.79	57.31	25.2	25.2	32	33.6	28.9	27.5	28.7	34.5	24.4	92	90	60	53	74	84	75.5	------
5	56.92	57.88	58.41	56.01	56.84	58.12	57.36	26.5	26	31.1	34.5	29.6	28	29.3	34.5	25.1	88	88	62	33	77	85	72.2	------
6	57.48	57.62	58.13	56.23	56.79	57.85	57.35	26.2	26.5	31.7	33.6	31.1	29.4	29.8	33.8	25.6	75	80	59	50	62	70	66	------
7	56.80	57.28	57.76	55.27	55.74	57.49	56.72	27	26.7	32	33.5	31.2	29	29.9	33.5	26	80	81	54	51	55	64	64.2	------
8	56.56	57.13	58.14	55.98	56.08	57.10	56.83	27	26.6	31.9	32.6	30.6	28.9	29.6	33.1	26.1	80	83	57	52	58	65	65.8	------
9	56.75	57.41	57.99	56.38	56.35	57.98	57.14	27	26.6	31.6	32.3	30.6	28.8	29.5	33.5	26.3	81	83	60	54	65	75	69.7	------
10	57.06	57.51	57.99	55.32	56.10	58.30	57.05	26.4	26.5	31.6	33.7	30.6	29.8	29.8	34.4	25.5	81	80	57	48	63	73	67	------
11	57.54	57.77	58.44	56.27	57.77	58.31	57.68	28	27.5	32.9	31.4	27.1	27.5	29.1	33.4	26.6	77	81	56	67	80	81	73.7	.5
12	57.80	58.06	59.31	56.70	57.43	59.27	58.10	26.5	26.6	32	34.6	30.2	29.5	29.9	35.4	25.6	85	83	64	48	77	79	72.7	------
13	58.41	58.24	58.55	56.33	57.30	59.09	57.99	28.5	27.3	33.1	32.6	30.2	26.9	29.8	34.5	24	85	86	61	57	70	85	74	57.1
14	58.74	59.06	59.09	57.20	57.78	59.18	58.51	24.5	24.7	30.2	30.6	29.2	28.8	28	31.4	24	96	97	74	74	73	79	82.2	------
15	58.54	58.56	59.45	56.98	57.85	59.53	58.48	27.8	27.8	29	30.2	28.6	26.5	28.3	31.1	25.8	84	86	81	77	73	85	81	------
16	53.50	57.82	58.26	56.56	56.79	59.13	57.84	26	26.8	30	32	29.4	25	28.2	33	24.2	90	86	75	65	78	90	80.7	5.1
17	58.42	58.16	59.01	57.39	58.01	59.57	58.43	25.4	26.1	28.6	30.1	27.5	26.5	27.4	30.9	25.1	93	90	83	73	88	96	87.2	------
18	59.02	59.46	60.24	58.89	59.10	60.45	59.53	27	26.4	28.1	29.7	28.6	27.2	27.8	31.1	25.8	94	89	85	76	85	90	86.5	3
19	59.84	59.97	60.16	58.09	58.69	60.01	59.46	26.2	25.1	30.9	31.1	29.4	26.5	28.2	32.6	24.5	90	92	67	71	81	88	81.5	------
20	59.32	59.26	59.09	57.08	57.88	58.56	58.53	26.4	25.1	30.1	31.6	29.6	28.8	28.6	32.1	24.5	90	92	71	66	70	76	77.5	------
21	57.84	58.30	58.44	56.42	56.80	58.25	57.68	28.2	28.1	30.7	31.6	29.5	29	29.5	32.1	27.7	80	84	73	68	74	77	76	------
22	57.54	57.45	58.29	57.19	58.68	59.91	58.18	28.4	28	31.1	26.6	26	26	27.7	31.4	24	80	81	69	88	91	92	83.5	3.5
23	58.98	58.63	59.31	57.50	58.36	59.44	58.70	25.2	26.1	29	31.1	28	27	27.7	31.1	25	94	87	74	66	78	83	80.3	------
24	58.78	58.66	59.28	57.94	58.15	59.64	58.74	26	25.5	29.9	30.5	29.1	26.5	27.9	31.1	24.8	89	91	70	69	74	84	79.5	------
25	59.37	59.67	59.44	57.74	58.57	60.13	59.15	25.2	24.6	31.6	32.1	29.6	28.2	28.6	33.1	23.9	87	87	63	60	73	76	74.3	------
26	59.67	59.63	59.93	57.90	58.30	60.19	59.27	25.8	25.6	31.6	33.1	30.1	29.2	29.2	33.5	25	89	90	62	58	71	78	74.7	------
27	59.24	59.08	59.80	57.45	58.43	60.31	59.05	26.8	26	31	31.6	29.6	28.2	28.9	32.6	25.5	84	89	69	68	75	82	77.8	2.3
28	59.65	59.31	60.50	57.87	58.24	60.51	59.35	26.2	27.1	30.1	31.6	29.1	24.8	28.2	33.5	24.4	94	87	71	63	78	98	81.8	48
29	59.44	59.30	59.66	57.34	57.98	59.39	58.85	25.2	25.9	30.8	31.6	29.6	27.2	28.4	32.4	24.5	97	96	69	72	77	84	82.5	------
30	58.64	58.16	58.23	56.45	56.48	57.79	57.62	26.4	26.5	31.6	31.1	29.6	26.5	28.6	32.8	25.6	89	88	63	69	77	88	79	------
81	57.25	57.27	57.84	55.33	56.06	57.14	56.82	26	26.5	30.4	31.1	28.5	27.5	28.3	32.1	25.3	90	86	73	71	78	84	80.3	------
Mean	58.29	58.39	58.89	56.79	57.52	58.96	58.14	26.4	26.3	30.9	31.8	29.1	27.5	28.7	32.9	25.2	87.1	87.2	66.9	63.4	74.7	82.5	76.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	131

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	E	SW	SW	S	61.5	66.8	65.5	39.7	233.5	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
2	SE	SW	SW	SW	NE	SW	16.7	34.1	100.8	43.7	195.3	9	Ci.-S.	Cu.-N.	8	Ci.	Cu.
3	Calm	W	E	SW	NW	NW	22.8	30.6	65	31.4	149.8	8	Ci.	Cu.	9	Ci.-S.	Cu.-N.
4	NW	NW	NE	NE	NW	E	22.5	38.9	76.6	26.2	164.2	7	Ci.	Cu.	7	Ci.-S.	Cu.
5	E	NE	E	NE	SW	SW	37.2	71.9	92	46.7	247.8	7	Ci.	Cu.	5	------------	Cu.
6	N	N	NE	E	NE	NE	53.7	84	145.3	119.1	402.1	5	Ci.	Cu.	4	------------	Cu.
7	N	N	NE	NE	NE	N	84	103	155.9	118.1	461	3	------------	Cu.	2	------------	Cu.
8	N	N	NE	NE	NE	N	103.3	162.1	165	112.7	543.1	2	------------	Cu.	2	------------	Cu.
9	N	N	NE	NE	NE	NE	103.3	134.2	149.1	136.6	523.2	2	------------	Cu.	3	------------	Cu.
10	N	N	NE	NE	NE	NE	99.8	113.8	124.2	119.4	457.2	3	------------	Cu.	5	------------	Cu.
11	NE	NE	S	SW	Calm	NW	53.9	51.3	100.9	21.2	227.3	9	Ci.-S.	Cu.	3	------------	Cu.
12	NW	NW	E	NE	SW	SW	20.3	57.7	90.6	50.4	219	2	------------	Cu.	5	------------	Cu.
13	SW	SW	E	SW	SE	NW	24.3	51	84.3	58.4	218	3	------------	Cu.	5	------------	Cu.
14	N	Calm	NE	SW	SW	SW	41.2	37.5	117.8	72.6	269.1	8	Ci.	Cu.	7	Ci.	Cu.
15	S	S	SW	SW	W	W	50.9	94.8	119.3	29	294	7	Ci.	Cu.	8	Ci.	Cu.
16	W	W	SW	S	S	N	18.5	42.3	65.4	50.9	177.1	6	Ci.	Cu.	7	Ci.	Cu.-N.
17	NW	N	SW	SW	SE	SE	24.6	36	73.2	21.9	155.7	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
18	SE	SW	SW	SW	SW	W	19.5	47.8	93.6	24.3	185.2	6	Ci.	Cu.	10	Ci.-S.	Cu.-N.
19	NW	NW	NW	SW	SW	NW	30.3	26.7	87.4	27.9	172.3	8	Ci.	Cu.	6	Ci.-S.	Cu.
20	NE	Calm	SW	SW	SW	SW	20.1	71.6	124.2	78.4	294.3	7	Ci.	Cu.	5	Ci.	Cu.
21	S	S	SW	SW	SW	SW	55.5	78.9	100.3	87.7	322.4	6	Ci.	Cu.	7	Ci.-S.	Cu.
22	SW	S	SW	SW	SW	S	71.6	84.7	100.1	55.5	311.9	5	Ci.	Cu.	10	Ci.-S.	Cu.-N.
23	S	SW	SSW	SW	SW	S	80.8	91.1	126.5	42.3	340.7	9	Ci.-S.	Cu.	6	Ci.	Cu.
24	Calm	SW	SW	SW	SW	NW	17.1	48.3	76.9	35.7	178	7	Ci.	Cu.	9	Ci.-S.	Cu.-N.
25	Calm	Calm	S	SW	SW	SW	17.1	34.9	80.2	56.6	188.8	5	Ci.	Cu.	7	Ci.	Cu.
26	W	W	S	SW	SW	SW	38.3	41.2	79.5	59	218	5	Ci.	Cu.	5	------------	Cu.
27	N	N	SW	SW	SW	NW	34.1	41.6	111.8	64.4	251.9	4	Ci.	Cu.	7	Ci.	Cu.
28	NW	NE	SW	SW	SW	N	32.7	42.4	95.5	48.3	218.9	9	Ci.-S.	Cu.	7	Ci.	Cu.
29	N	N	NW	SW	SW	NW	17.5	34.3	89.8	35.9	177.5	6	Ci.	Cu.	6	Ci.	Cu.
30	NW	Calm	SW	SW	SW	N	21.9	35.9	80.2	35.1	173.1	6	Ci.	Cu.	7	Ci.	Cu.
31	Calm	Calm	SW	SW	NE	Calm	22.4	49.7	83.2	31.1	186.4	5	Ci.	Cu.	4	Ci.	Cu.
Mean	------	------	------	------	------	------	42.5	62.6	100.6	57.4	263.1	6.1	------------	------------	6.3	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	8,156.8	----	------------	------------	----	------------	------------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

JUNE, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*° C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.33	57.71	58.08	56.49	57.43	58.68	57.62	26	27	32.1	33.6	32.6	30	30.2	34.2	25.6	92	85	64	53	64	75	72.2	------
2	58.62	59.17	59.19	56.89	57.42	59.64	58.49	27.8	28.2	32	33.8	32	29.4	30.5	34.2	27	84	77	63	48	57	68	66.2	------
3	58.90	59.61	59	57	57.89	59.30	58.62	28	26.5	31.3	32.1	30.9	29	29.6	32.6	25.9	76	86	68	60	61	72	70.5	------
4	58.85	59.18	59.23	57.07	58	58.50	58.47	27	26.8	30	31.9	25	25	27.6	32.3	23.9	80	79	71	59	88	88	77.5	4.1
5	57.84	58	58.66	57.02	57.66	59.06	58.04	24.5	25.1	31.6	31.6	28.6	26	27.9	34.4	23.5	89	86	62	57	70	85	74.8	2.3
6	58.17	58.41	58.91	56.92	57.57	59.04	58.17	25.2	25.9	30.7	33	31	28	29	33.6	24	90	87	64	47	61	76	70.8	------
7	58.60	58.58	58.98	56.62	56.88	58.31	58	26.8	27.4	31.3	33.1	31	28.5	29.7	33.6	25.4	83	81	61	56	59	73	68.8	------
8	57.86	57.97	58.13	55.42	56.05	57.85	57.21	26.5	26.2	32	33.4	30.1	27.6	29.3	33.4	25.5	79	82	61	50	58	76	67.7	------
9	56.62	56.61	57.22	55.31	55.74	56.75	56.38	26.4	26	31	33	30.6	27.8	29.1	33	25.1	82	84	60	46	55	67	65.7	------
10	56.28	56.81	57.19	54.84	56.09	57.60	56.47	26.6	26.1	30.5	32.5	30.4	26	28.7	32.5	25	77	79	64	55	63	85	70.5	.5
11	56.92	57.23	57.58	55.45	56.34	57.96	56.91	25.2	25.7	31.7	32.1	30.2	28.2	28.8	34.6	24.8	86	86	62	65	70	80	74.8	43.7
12	57.44	58.11	58.36	56.39	58.06	58.51	57.81	25	25.6	27.1	31.2	24	23.9	26.1	31.5	23	96	94	87	64	99	99	89.8	74.2
13	57.52	57.53	58.09	56.25	56.75	58.26	57.40	24.6	25.6	29.5	31.9	26.7	26.5	27.5	32.5	23.7	98	94	81	61	91	94	86.5	12.7
14	57.44	57.05	57.35	55.59	55.83	57.64	56.82	26	26.5	30	31.6	30.6	28	28.8	32.1	25.3	94	89	77	65	71	82	79.7	------
15	56.92	57.58	57.56	56.35	56.69	58.26	57.23	26.8	27.1	31.5	33.2	31.1	28.4	29.7	33.6	25.8	87	91	66	63	71	83	76.8	------
16	57.40	57.93	58.61	56.98	57.85	59.21	58	27.2	26.6	31.6	32.6	29.6	28.8	29.4	33	25.7	89	90	65	63	79	80	77.7	------
17	58.26	57.99	57.86	56.67	56.64	58.29	57.62	27.2	26.9	30.6	33	30.6	28	29.4	33.1	26	87	89	70	58	65	79	74.7	------
18	57.62	57.14	57.60	55.58	56.07	57.44	56.91	26.4	26.5	31.8	32.5	31	28.2	29.4	32.9	25.5	86	88	66	63	65	80	74.7	------
19	56.90	56.88	57.45	55.64	56.28	58.37	56.92	27	27.2	32.1	33.7	30.8	26	29.5	34.1	23.8	84	83	63	50	72	90	73.7	57.9
20	56.78	56.89	57.36	55.58	56.73	58.15	56.92	25.3	25.2	31	31.6	27.7	27	28	32.4	24.8	91	90	71	65	87	89	82.2	2.8
21	57.30	57.69	58.40	55.98	56.83	58.55	57.46	25.8	24.8	30.5	31.6	30.2	27.4	28.4	33	24.5	92	92	74	66	68	84	79.3	------
22	57.80	57.92	58.06	55.98	56.65	58	57.40	27	25.5	30.2	31	30.3	24.5	28.1	32.5	23.2	81	92	69	60	66	96	77.3	25.4
23	56.72	57.47	57.43	55.16	56.06	58.16	56.83	25.4	25.6	27.8	31.1	29.6	25.6	27.5	31.6	24.2	90	93	88	72	74	95	85.3	90.4
24	57.29	57.38	57.46	55.90	57.35	58.56	57.32	24.5	25.1	29.4	31.1	28	26.2	27.4	31.9	24	94	91	72	64	77	87	80.8	2.1
25	57.68	57.99	58.43	56.82	56.93	58.49	57.72	25.2	25.1	27.2	29.1	25.6	25.4	26.3	29.1	24.5	92	95	87	76	83	88	86.8	15.7
26	57.80	57.49	58.59	57.09	58.19	59.39	58.09	24.8	25.1	27	26.3	24.6	25.2	25.5	27.5	23.4	93	94	84	88	98	93	91.7	68.1
27	58.30	58.25	58.74	57.69	58.44	59.82	58.54	25.4	24.7	29	30.3	27.2	25.8	27.1	31	24.3	93	98	74	67	88	92	85.3	------
28	58.34	58.74	59.30	57.76	57.79	59.56	58.58	25.2	24.8	29.2	29.5	29.1	28.3	27.7	30.1	24.3	92	95	76	71	74	77	80.8	------
29	58.92	58.89	59.70	57.71	58.37	59.66	58.88	26.2	26	30	30.1	28.1	27.1	27.9	30.4	25.5	92	92	75	64	79	85	81.2	------
30	59.42	59.26	59.41	58.11	58.20	59.75	59.02	27.6	27	30.7	31.1	29.1	28.8	29	31.9	25.9	80	80	74	71	76	76	76.2	------
Mean	57.73	57.92	58.26	56.41	57.09	58.56	57.66	26.1	26.1	30.3	31.8	29.2	27.2	28.4	32.4	24.8	87.6	88.1	70.6	61.6	73	83.1	77.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	399.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	SW	NE	NE	SW	17.1	41.3	77.7	34	170.1	4	Ci.	Cu.	6	------------	Cu.
2	NW	N	E	NE	NE	N	23.1	76.4	120.1	58.7	278.3	3	Ci.	Cu.	4	Ci.	Cu.
3	N	N	NE	NE	NE	NE	51.2	117.2	180.6	107.5	456.5	7	Ci.	Cu.	8	Ci.	Cu.
4	N	N	NE	NE	NW	NW	60.4	63.4	79.9	30.4	234.1	7	Ci.	Cu.	10	Ci.-S.	Cu.-N.
5	NW	Calm	NE	SW	SW	Calm	28.5	29.8	60.9	40.5	159.7	6	Ci.	Cu.	10	Ci.-S.	Cu.-N.
6	NW	NW	NE	NE	NE	N	35.7	116.7	131.2	91.4	375	7	Ci.	Cu.	7	Ci.	Cu.
7	N	N	NE	NE	NE	N	86.4	109.7	109.9	86.3	392.3	6	Ci.	Cu.	5	Ci.	Cu.
8	N	N	NE	NE	N	N	76.4	109.2	117.3	58.5	361.4	3	------------	Cu.	5	Ci.-S.	Cu.-N.
9	N	N	NE	NE	NE	N	49.9	95	142.4	66.8	354.1	4	Ci.	Cu.	9	Ci.-S.	Cu.-N.
10	N	N	E	E	NW	NW	47.8	67	72.2	27.1	214.1	7	Ci.	Cu.	10	Ci.-S.	Cu.-N.
11	NW	NW	NE	SW	N	N	44.3	55.7	55.7	34.8	190.5	7	Ci.	Cu.	9	Ci.-S.	Cu.-N.
12	N	Calm	NW	SW	SE	Calm	31.6	25.2	52.8	31.4	141	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
13	NW	N	NE	NE	N	N	30	83.5	107.2	28.2	248.9	6	Ci.	Cu.	8	Ci.-S.	Cu.-N.
14	NW	N	NE	NE	NE	N	46.2	121.7	126.6	65.2	359.7	6	Ci.-S.	Cu.	6	Ci.	Cu.
15	N	N	NE	ENE	NE	NE	60.2	86.4	84.7	82.4	313.7	6	Ci.	Cu.	7	Ci.	Cu.
16	NE	N	NE	NE	NE	N	81.5	97.9	113.2	85.8	378.4	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.
17	N	N	NE	NE	NE	N	92.8	137.9	145.1	85.5	461.3	10	Ci.-S.	Cu.	7	Ci.	Cu.
18	N	N	NE	NE	NE	N	77.4	125.8	140.5	105.7	449.4	7	Ci.	Cu.	7	------------	Cu.
19	N	N	NE	NE	ENE	W	87.4	90.3	55.7	48	281.4	6	Ci.	Cu.	6	Ci.	Cu.
20	NW	NW	NW	NE	NW	NW	25.4	50.9	51.7	20.7	148.7	8	Ci.-S.	Cu.	7	Ci.	Cu.
21	N	N	NE	SW	E	NE	44.1	40.5	43.1	53.1	180.8	10	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
22	NE	NE	NE	NE	E	N	50.9	68.1	75.6	75.9	270.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
23	Calm	NE	N	N	N	NW	26	57.4	92.8	48.9	225.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
24	N	N	NE	NE	SE	SW	46.4	48.9	63.3	51.8	210.4	10	Ci.-S.	Cu.-N.	7	Ci.	Cu.
25	Calm	W	SW	SW	N	NE	31.9	52.6	78.9	32.2	195.6	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
26	SW	S	S	SW	W	S	45.7	55.2	95.3	63	259.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
27	S	Calm	SW	SW	N	N	26	33.3	62.3	34.6	156.2	8	Ci.	Cu.	8	Ci.-S.	Cu.
28	Calm	W	W	SW	SW	SW	14.7	34.6	71.6	66.3	187.2	5	Ci.	Cu.	7	Ci.-S.	Cu.
29	W	Calm	SW	SW	S	SW	18.8	68.2	92.8	31.2	211	8	Ci.	Cu.	9	Ci.-S.	Cu.
30	SW	SW	SW	SW	SW	SW	53.9	58.7	69.2	74	255.8	4	Ci.	Cu.	7	Ci.	Cu.
Mean	------	------	------	------	------	------	47.1	74	92.3	57.3	270.7	7.1	------------	------------	7.8	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	8,120.4	----	------------	------------	----	------------	------------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

JULY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1 --	58.80	59.68	59.30	57.57	57.86	58.67	58.65	28.2	25.1	29	30.4	28.6	27.2	28.1	31.1	24.9	77	95	78	72	77	83	80.3	-----
2 --	57.80	57.72	57.75	56.03	56.55	58.40	57.38	27.2	26.8	30.2	30.6	28.6	27	28.4	31.3	26.1	87	87	74	74	84	89	82.5	0.8
3 --	57.66	57.11	57.51	56.09	56.89	58.36	57.27	26.2	26.2	29.5	30.1	29.4	28.8	28.4	30.9	25.4	88	86	72	71	78	79	79	-----
4 --	57.80	58.42	58.79	56.97	57	59.19	58.03	26.4	25.8	30.5	31.2	29.2	28.6	28.6	31.8	25.2	90	91	70	71	79	82	80.5	-----
5 --	58.57	58.72	59.43	57.66	58.09	59.37	58.64	26.8	26.4	30.1	31.3	29.3	26.2	28.4	31.9	25.4	94	91	74	73	78	86	82.7	-----
6 --	58.68	58.66	59.11	57.57	58.19	59.17	58.56	25.2	25.4	32.2	30.1	27.1	26.8	27.8	33.4	24.5	90	88	64	71	72	83	78	8.6
7 --	58.78	58.95	59.02	57.40	58.19	59.99	58.72	25.5	25.1	30.2	31	30.5	28.2	28.4	33.2	24.3	89	92	72	62	70	80	77.5	-----
8 --	59.16	59.45	60.05	58.38	59.14	61.14	59.55	26	26.3	31.2	31.6	27.5	25	27.9	33.1	24.1	89	86	64	68	83	90	80	-----
9 --	59.56	59.68	60.35	58.62	58.89	60.47	59.60	24.5	25.1	30	33	31.1	27	28.4	33.2	23.9	94	90	74	61	71	90	80	2
10 --	58.92	59.25	60.05	57.99	58.22	59.85	59.05	26.2	26.4	30.2	31.5	29.5	26.8	28.4	32.5	25.1	94	89	71	63	75	87	79.8	3.8
11 --	58.80	58.66	59.39	57.93	58.19	60.24	58.87	25.4	25.8	29.5	29.1	28	23.4	26.9	31.9	22.2	93	91	79	75	80	100	86.3	33
12 --	58.38	58.62	59.15	57.69	58.01	58.81	58.44	24	25	29.5	29.5	26.6	25.8	26.7	31.1	23.2	97	92	65	68	87	89	83	2
13 --	57.84	57.63	58.65	56.19	57.05	58.12	57.58	25	25.1	29.7	31.6	28.2	26	27.6	32.4	24.3	92	92	71	56	80	90	80.2	12.7
14 --	57.34	57.08	57.20	55.59	55.67	57.76	56.77	24.8	25.2	29.5	30.6	29.1	22.8	27	31.2	22.3	97	94	74	64	77	99	84.2	40.9
15 --	56.97	57.23	57.28	56.27	56.96	57.93	57.11	23.8	24.2	27.8	30	26.6	25	26.2	31.5	22.8	93	94	79	73	83	90	85.3	1.3
16 --	57.47	58.09	58.45	56.93	56.85	58.51	57.72	24.4	24.6	29.4	31	28.6	25.6	27.3	31.5	23.9	93	91	75	69	77	92	82.8	-----
17 --	57.44	57.45	57.89	56.21	56.70	57.99	57.28	24.8	26.1	29.4	30.9	28.1	26.5	27.6	31.6	24.5	92	85	72	69	81	88	81.2	-----
18 --	56.72	56.86	57.24	55.54	56.31	57.77	56.74	25.5	25.4	29.7	31.6	27.3	25.6	27.5	32	24	93	89	73	65	85	92	82.8	9.4
19 --	56.29	56.29	56.81	54.68	55.88	57.28	56.20	25.6	26.1	30.6	32.2	28.6	26.2	28.2	33	24.4	93	86	69	65	77	89	79.8	-----
20 --	56.22	56.31	57.13	55.47	55.87	57.53	56.42	26.4	25.6	30.8	30.6	29.3	28	28.4	31.8	25.3	89	95	70	71	78	85	81.3	-----
21 --	56.86	57.46	58.21	56.69	57.95	59.52	57.78	26.5	26.1	29.2	31	29.1	27.2	28.2	31	25.4	91	87	77	72	76	89	82	-----
22 --	58.46	58.35	59.33	58.08	59.01	60.16	58.90	25.7	27.3	29.5	31	28	26.5	28	31	25.3	96	86	72	71	79	88	82	-----
23 --	58.66	58.71	59.74	57.62	57.83	58.67	58.54	27.2	26.5	30.2	31.5	28.6	27.2	28.5	32.1	26	84	83	69	68	77	81	77	-----
24 --	57.06	56.88	57.07	55.35	55.71	57.54	56.60	27.2	25.1	29.5	31.1	26.6	26	27.6	31.5	24.5	81	94	70	68	89	90	82	3.8
25 --	56.06	56.31	56.86	55.70	55.96	57.77	56.44	26	26	27.1	28.1	25.3	26	26.4	28.5	23.2	89	87	91	81	97	89	89	106
26 --	57.04	56.54	56.53	54.80	55.39	57.21	56.25	24.2	26.1	26.5	30	28.9	26.5	27	30	23.2	97	83	87	74	78	92	85.2	7.4
27 --	55.88	55.83	56.64	55.12	54.97	55.82	55.71	26.2	26.8	25.2	24	27	26.2	25.9	29	22.8	89	90	98	92	83	90	90.3	71.9
28 --	54.84	54.32	55.18	53.85	53.97	54.93	54.52	27	27.6	29.2	25.3	25.9	27.4	27.1	29.5	23.8	89	83	80	93	92	81	86.3	20.8
29 --	53.67	53.36	53.58	52.44	52.98	54.13	53.36	27.5	26.5	26.5	25.6	26.6	28.1	26.8	28.4	22.6	84	84	92	94	91	80	87.5	70.6
30 --	52.97	53.43	54.83	53.94	54.46	55.32	54.16	27.6	28	28.5	28.6	27.7	27.5	28	28.8	22.9	80	77	72	74	83	82	78	8.4
31 --	55.17	55.24	56.15	55.06	55.79	57.32	55.79	25.2	27.1	29.4	30.1	28.5	28.2	28.1	30.5	22.6	100	87	72	73	81	82	82.5	-----
Mean	57.29	57.36	57.89	56.30	56.79	58.22	57.31	25.9	26	29.3	30.1	28.2	26.6	27.7	31.3	24.1	90.5	88.5	74.8	71.6	80.6	87.3	82.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	403.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1 --	Calm	NW	SW	SW	SW	SW	15.1	41.5	89.3	48.6	194.5	6	Ci.	Cu.	7	Ci.	Cu.
2 --	SW	SE	SW	SW	SW	W	27.7	68.9	106.5	56.3	259.4	8	Ci.	Cu.	8	Ci.	Cu.
3 --	SW	S	SW	SW	SW	SW	49.3	48	100.1	61	258.4	9	Ci.-S.	Cu.	8	Ci.	Cu.
4 --	Calm	Calm	SW	SW	SW	SW	20.7	63.9	105.4	69.5	259.5	5	Ci.	Cu.	5	Ci.	Cu.
5 --	SW	NW	SW	SW	S	W	28	54.9	99	51.8	233.7	4	Ci.	Cu.	4	------------	Cu.
6 --	NW	NW	NW	SW	NW	Calm	29	28.5	50.2	21.5	129.2	6	Ci.	Cu.	10	Ci.-S.	Cu.-N.
7 --	Calm	NW	NE	NE	NE	NE	19.1	42.6	83.1	50.2	195	6	Ci.	Cu.	9	Ci.-S.	Cu.-N.
8 --	SW	NW	NW	SW	W	NE	21.2	37.3	65.4	64.2	188.1	5	Ci.	Cu.	4	Ci.	Cu.
9 --	N	N	NE	NE	N	N	30	53.9	87.7	48.5	220.1	9	Ci.-S.	Cu.	5	Ci.	Cu.
10—	N	N	NE	N	N	NE	54.1	103.6	101.1	71.9	330.7	7	Ci.	Cu.	7	Ci.	Cu.
11 --	NE	NE	NE	NE	N	W	37.6	59.2	45.9	46.2	188.9	7	Ci.	Cu.	8	Ci.	Cu.
12 --	N	N	NE	E	NW	NW	43.3	40.2	53.1	33.8	170.4	7	Ci.	Cu.	10	Ci.-S.	Cu.-N.
13 --	NW	N	NE	NE	E	NE	50.2	69	82.4	55	256.6	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
14 --	N	N	NE	NE	NE	N	66	72.4	87.5	60.7	286.6	8	Ci.	Cu.	8	Ci.-S.	Cu.
15 --	N	NE	N	NE	N	NE	36.5	64.2	59.3	57.6	217.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
16 --	N	N	NE	NE	NE	N	44.6	79.2	110.2	79.1	313.1	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.
17 --	N	N	N	NE	N	N	93.3	109.1	84.3	69.8	356.5	5	Ci.	Cu.	8	Ci.-S.	Cu.
18 --	N	N	N	E	Calm	N	53.3	66	52	31.2	202.5	6	Ci.	Cu.	9	Ci.-S.	Cu.-N.
19 --	Calm	Calm	NE	SW	SE	W	13.2	38.3	54.9	23.3	129.7	5	Ci.	Cu.	7	Ci.	Cu.
20 --	S	S	SW	SW	SW	W	15.9	32.7	94.4	59	202	7	Ci.	Cu.	5	Ci.	Cu.
21 --	SW	SW	SW	SW	SW	SW	52.5	76.9	102.8	41.5	273.7	8	Ci.	Cu.	7	Ci.	Cu.
22 --	W	SW	SW	SW	W	NW	29.2	77.5	78.4?	23.8	208.9	5	Ci.	Cu.	7	Ci.	Cu.
23 --	SW	SW	SW	SW	SW	SW	56.9	64.4	124.1	100.8	346.2	7	Ci.	Cu.	9	Ci.-S.	Cu.
24 --	SW	Calm	SW	SW	SW	Calm	27.7	87.2	128.9	44.9	288.7	10	Ci.-S.	Cu.	8	Ci.-S.	Cu.
25 --	SW	SW	S	SW	SW	SW	68.2	98.7	141.4	137.4	445.7	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
26 --	WSW	S	SW	SW	SW	SW	102.4	129.5	154.2	105.9	492	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
27 --	SW	SW	SW	SW	SW	SW	81.3	104.6	144.5	128.7	459.1	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N.SW
28 --	SW	SW	SW	SW	SW	SW	133.1	153.1	122.8	115.1	524.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
29 --	SW	SW	SW	SW	SW	SW	137	164.1	174	189	664.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.WSW
30 --	SW	SW	SW	SW	SW	SW	200.7	243.6	207.2	136	787.5	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
31 --	SW	SW	SW	SW	SW	SW	155.8	145.1	138.2	108.4	547	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	57.8	81.2	100.9	70.7	310.6	7.6	------------	------------	8.1	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	9,629.5	----	------------	------------	----	------------	------------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

AUGUST, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.60	56.71	57.50	56.39	56.55	58.01	56.96	28	27.6	30.1	30.2	28.5	28	28.7	31	27	83	84	72	68	78	80	77.5	------
2	57.37	57.26	57.99	56.59	57.08	58.59	57.48	27.5	27.9	30	30.5	28.6	28	28.8	31	27.2	84	81	71	72	80	81	78.2	------
3	57.50	57.87	58.41	56.52	56.93	58.54	57.63	26.8	28	29.6	30.6	28.6	28	28.6	31	26.5	90	81	74	72	78	80	79.2	------
4	57.40	57.16	57.71	55.94	57.03	58.40	57.27	27	26.6	30	30.6	28.6	28.1	28.5	31.4	25.9	87	91	75	72	80	79	80.7	------
5	57.26	57.36	58.21	56.91	57.54	59.05	57.72	26.8	27.5	30	28.6	26.6	27.4	27.8	30.9	25.8	90	85	71	80	80	80	81	8.1
6	58.22	58.36	58.60	57.21	57.44	59.42	58.21	26	25.5	29	29.6	27.8	27.4	27.6	30.1	24.8	90	88	74	71	75	81	79.8	------
7	58.85	58.82	59.52	57.53	57.80	58.84	58.56	27.5	27	29	30.5	28.6	27	28.3	30.6	25.7	81	84	74	66	80	84	78.2	2.5
8	58.16	57.97	58.54	56.53	56.56	58.49	57.71	25.6	26.1	29.1	30.6	28.6	27.8	28	31.1	25.6	95	91	77	71	77	82	82.2	2.5
9	57.20	56.58	59.35	56.54	56.93	59.02	57.35	27.5	28	29.5	30.6	29	28.5	28.8	31.2	26.7	84	80	72	70	74	75	75.8	------
10	57.74	57.81	58.59	57.30	58.16	60.21	58.30	28.2	28.1	30.5	30.6	29	28	29.1	31.4	27	77	77	70	68	77	80	74.8	------
11	58.87	59.48	59.35	57.51	58.46	60.01	58.95	27.6	26.1	28.5	30.1	28.6	27.5	28.1	30.6	24	80	79	78	75	80	87	79.8	4
12	59.54	58.98	59.51	57.92	57.31	58.72	58.66	26	26.7	29.4	27.6	27.7	28	27.6	29.5	24.8	85	86	72	79	83	80	80.8	4.1
13	57.86	58.17	58.41	56.89	57.31	58.70	57.89	27.2	27.9	30.1	30.9	28.6	28.2	28.8	31.5	26.9	84	78	71	66	77	77	75.5	------
14	58.05	57.61	58.35	56.94	57.20	58.76	57.82	27.8	27.6	30.4	31.1	29	28.2	29	31.3	27.1	79	80	69	71	75	80	75.7	------
15	57.34	57.32	58.55	57.29	58.16	59.31	58	27.6	27.5	30.3	30.5	28.6	26.3	28.5	31.1	25.8	84	84	70	71	80	94	80.5	------
16	58.28	58.63	59.13	57.05	57.76	59.25	58.35	25.6	25.5	30	29.5	28.1	26.4	27.5	31.5	24.7	97	92	75	78	79	97	86.3	------
17	57.42	57.05	57.80	56.39	56.31	57.32	57.05	25.4	26.6	29	25	26.6	25.5	26.4	29	22.3	97	87	78	88	83	90	87.2	42.7
18	56.37	56.13	57.01	55.16	56.17	57.52	56.39	25	25	29	30.1	28	26.5	27.3	30.9	24.3	92	92	68	70	81	88	81.8	------
19	55.83	55.78	56.79	55.36	56.43	57.42	56.27	26	26.6	25.2	26.9	26.6	26.8	26.4	27.7	24.9	92	86	93	81	83	82	86.2	8.6
20	56.04	55.93	56.90	55.77	56.50	57.76	56.48	25.7	27.5	29.1	29.6	28.5	26.2	27.8	31	25.5	91	81	76	74	74	87	80.5	7.7
21	56.22	56.63	57.49	56.43	56.99	58.54	57.05	27	26.9	29.5	29.6	28.1	27.6	28.1	30.8	25.3	86	81	75	74	77	87	80	------
22	57.86	57.31	57.96	56.45	56.71	58.45	57.46	27.5	27.6	29.6	31	28.7	28	28.7	31.1	27	88	84	73	69	80	83	79.5	------
23	57.10	56.61	57.62	56.50	56.49	58.54	57.14	27.3	27.2	29.6	31.1	28.6	28.4	28.7	31.3	27	86	87	77	66	77	79	78.7	------
24	57.26	57.18	58.24	56.40	57.26	59.16	57.58	26.6	26.6	29.4	30.2	29	26.8	28.1	31.1	24.5	87	87	72	68	74	87	79.2	4.6
25	58.42	58.33	59.14	57.11	57.85	60.12	58.50	25.8	26.5	28.7	29.2	28.1	26.1	27.4	30.2	25.2	92	88	80	72	80	91	83.8	------
26	59.38	59.62	60.37	58.29	58.45	60.07	59.36	26.6	26.1	28.4	28.4	28	27.5	27.5	29.5	25.5	84	84	71	71	70	72	75.3	26.7
27	60.02	61.37	60.50	58.41	59	60.22	59.92	25.5	23.5	26.5	29.2	28.1	26.2	26.5	29.2	22.9	84	94	76	66	77	89	81	------
28	59.97	60.03	60.43	58.61	58.97	60.66	59.78	25	25.1	29.2	30.3	28.5	27.6	27.6	30.5	24.5	95	94	70	70	78	79	81	------
29	59.96	59.52	59.72	57.55	57.83	59.49	59.01	25.2	25.6	29.6	30.1	29.1	26.2	27.6	31.1	24.4	94	87	64	73	74	87	79.8	------
30	59.08	59.15	59.40	57.48	57.41	58.66	58.53	25.8	24.9	29.2	31.1	29	26.8	27.8	32.1	24.1	90	88	68	55	68	83	75.3	------
31	58.04	58.19	58.65	57.38	57.47	58.58	58.05	25	24.6	29	26.1	27.1	26	26.3	30.2	24	92	92	74	80	83	89	85	1
Mean	57.91	57.90	58.52	56.91	57.36	58.90	57.92	26.5	26.6	29.2	29.7	28.3	27.3	27.9	30.7	25.4	87.7	85.6	73.5	71.8	77.8	83.5	80	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	112.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SW	3	S	2	SW	3	SW	4	SW	3	SW	3	8	Ci.	Cu.	7	Ci.	Cu.
2	SW	3	SW	2	SW	3	SW	3	SW	3	SW	2	3	------------	Cu.	7	Ci.	Cu.
3	SW	2	SW	2	SW	3	SW	4	SW	3	SW	2	8	Ci.-S.	Cu.	6	Ci.	Cu.
4	SW	2	SW	2	SW	4	SW	4	SW	3	SW	3	8	Ci.-S.	Cu.	7	Ci.	Cu.
5	S	3	S	2	SW	3	SW	3	SW	2	SW	3	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
6	Calm	----	SW	2	SW	3	SW	4	S	2	SW	2	10	Ci.-S.	Cu.-N.	8	Ci.	Cu.
7	SW	3	SW	3	SW	3	SW	3	SW	3	SW	3	8	Ci.-S.	Cu.-N.	5	Ci.	Cu.
8	S	3	SW	1	SW	3	SW	4	SW	3	SW	2	9	Ci.-S.	Cu.	6	Ci.	Cu.
9	SW	2	SW	2	SW	3	SW	4	SW	3	SW	3	7	Ci.-S.	Cu.	6	Ci.	Cu.
10	SW	3	SW	3	SW	4	SW	4	SW	3	SW	2	4	Ci.	Cu.	5	Ci.	Cu.
11	SW	2	SW	2	SW	3	SW	3	SW	3	SW	3	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.
12	SW	3	SW	3	W	3	SW	2	SW	3	SW	3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
13	SW	2	SW	2	SW	3	SW	4	SW	3	SW	3	10	Ci.	Cu.	7	Ci.	Cu.
14	SW	2	SW	2	SW	3	SW	3	SW	3	SW	3	6	Ci.	Cu.	6	Ci.	Cu.
15	SW	2	SW	2	SW	3	SW	4	SW	3	SW	2	4	Ci.	Cu.	7	Ci.	Cu.
16	N	1	SW	2	NW	1	SW	3	SW	2	SW	2	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
17	W	1	S	2	Calm	----	Calm	----	N	1	NE	2	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
18	N	1	N	1	N	1	SW	3	NW	3	NE	2	6	Ci.	Cu.	7	Ci.	Cu.
19	SW	2	SW	3	S	4	SW	3	SW	3	SW	2	9	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N.
20	SW	4	SW	4	SW	3	SW	4	SW	4	SW	1	10	Ci.-S.	Cu.-N. sw	10	Ci.-S.	Cu.
21	SW	4	SW	3	SW	4	SW	4	SW	3	SW	2	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
22	SW	2	SW	2	SW	3	SW	4	SW	3	SW	2	8	Ci.-S.	Cu.	8	Ci.	Cu.
23	SW	2	SW	1	SSW	3	SW	3	SW	3	SW	3	6	Ci.	Cu.	9	Ci.-S.	Cu.
24	S	3	SW	2	SW	3	SW	3	SW	3	SW	1	8	Ci.	Cu.	7	Ci.	Cu.
25	W	3	SW	2	SW	3	SW	3	SW	3	SW	3	7	Ci.	Cu.	6	Ci.	Cu.
26	SW	3	SW	3	SW	3	SW	4	SW	4	SW	2	9	Ci.-S.	Cu.	7	Ci.	Cu.
27	S	3	Calm	----	NE	2	NE	2	NE	2	NE	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
28	NE	2	Calm	----	SW	2	SW	3	SW	2	SW	1	6	Ci.	Cu.	7	Ci.	Cu.
29	Calm	----	Calm	----	Calm	----	SW	3	SW	1	NW	2	2	------------	Cu.	3	------------	Cu.
30	Calm	----	Calm	----	SW	2	SW	2	SW	2	Calm	----	3	------------	Cu.	8	Ci.	Cu.
31	NW	2	NW	2	SW	2	W	2	NE	2	Calm	----	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
Mean	-------	2.2	-------	1.9	-------	2.7	-------	3.2	-------	2.7	-------	2.1	7.4	------------	------------	7.5	------------	------------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.67	57.89	58.81	56.52	57.14	58.50	57.76	24.1	24.1	28.6	29.6	27.6	25.6	26.6	30.1	23.6	96	95	77	71	79	90	84.7	------
2	57.68	57.91	58.34	56.24	56.89	58.57	57.60	27	25.3	29.6	31.2	28.1	27.8	28.2	31.2	24.7	80	89	70	68	74	75	76	------
3	57.66	57.73	58.66	56.70	56.61	57.82	57.53	27.2	26	25	28	27.6	27.1	26.8	29.1	24.3	77	81	96	81	76	81	82	7.4
4	56.68	56.69	57.93	56	56.11	57.95	56.89	27.1	26	29	28.1	27.1	26.8	27.4	29.6	25.5	80	86	78	77	80	83	80.7	1
5	56.84	56.26	56.79	55.16	55.67	57.33	56.34	26.5	26.6	29	29.6	26	26.5	27.4	30.7	24.8	84	84	74	77	89	89	82.8	13.5
6	56.64	56.12	56.45	54.98	55.42	57.10	56.12	25.7	25.8	29.1	24.6	27	25	26.2	30	23.7	91	89	77	94	84	92	87.8	21
7	55.97	56.05	56.53	54.91	55.33	56.22	55.84	25	24.2	27.5	27.6	27.4	26.5	26.4	28.6	23.5	90	98	85	80	77	80	85	23.1
8	55.54	55.24	55.72	54.05	54.59	55.83	55.16	27.1	26.8	29	29.9	28.6	27.8	28.2	30.5	25.1	81.	84	78	75	83	88	81.5	43.2
9	55.04	55.07	56.78	55.42	56.43	57.91	56.11	24.8	27.5	25.2	26.1	24.6	25.5	25.6	29.7	22.6	100	84	94	94	98	93	93.8	51.6
10	56.70	56.65	57.80	56.11	56.43	58.17	56.98	24.2	26.1	28.5	28.1	26.5	24.4	26.3	29.9	22.9	97	86	80	77	84	97	86.8	6.4
11	56.54	55.89	57.21	55.84	56.12	56.76	56.39	26.2	26.1	28.5	29.1	27.8	27.2	27.5	30.1	25.8	85	86	82	81	90	89	85.5	.8
12	56.38	56.73	57.37	55.84	56.37	57.48	56.61	26.8	27.2	29.1	27.6	26.1	26.5	27.2	30	25.4	86	86	76	87	88	86	84.8	2.5
13	56.77	56.84	57.85	56.37	56.36	57.71	56.98	24.6	24.6	29	27.1	27.1	27	26.6	30.1	23.9	99	95	81	87	87	86	89.2	------
14	57.14	57.44	58.30	56.37	57.28	58.93	57.58	25.8	25.6	29	29.6	24.6	25.2	26.6	31	23.6	93	95	78	74	94	92	87.7	23.4
15	58.22	58.22	58.53	56.71	57.80	59.46	58.16	25	25	27.2	28.5	27.1	26	26.5	29.1	24.5	95	95	85	78	83	87	87.2	------
16	58.67	58.62	59.45	57.89	58.58	59.32	58.76	25.2	24.6	29.1	29.6	26.5	26.2	26.9	31.1	24.3	94	95	74	70	84	85	83.7	------
17	58.17	58.41	59.16	57	57.52	59.35	58.27	25.2	25.1	30.5	32	29.5	27.6	28.3	32	24.5	92	90	72	57	68	81	76.7	5.1
18	58.30	58.47	59.78	56.64	57.83	59.13	58.36	25	25.5	26	25.6	26	24.8	25.5	26.4	23.9	98	95	88	87	84	93	90.8	1.3
19	58.03	58.20	58.76	56.08	57.29	59.05	57.90	24	24.6	29.7	31.6	29.1	27.8	27.8	31.9	23.6	96	87	73	59	77	88	80	------
20	58.38	58.36	59.22	56.34	56.87	58.56	57.96	26.2	26.5	30	32.9	28.5	27.4	28.6	33	25.3	94	88	71	58	81	87	79.8	------
21	57.72	58.36	59.45	56.68	57.47	58.67	58.06	25.8	25.8	30	32.1	28.6	26.2	28.1	32.3	24.8	92	88	70	62	77	90	79.8	------
22	58.04	57.68	58.54	56.43	57.47	58.81	57.83	25.2	25.6	30.5	31.3	29.1	26.6	28	32.1	24.8	94	91	68	66	77	87	80.5	------
23	57.88	57.84	58.64	55.65	56.70	58.55	57.54	25.6	25.1	30.5	31.5	29.5	27	28.2	32	24.3	92	88	68	68	78	86	80	------
24	57.48	57.80	58.71	56.70	57.36	59.01	57.84	26.2	25.3	29.8	30.1	28.6	26.6	27.8	30.9	24.9	87	85	69	71	80	89	80.2	------
25	58.18	58.24	59.24	57.74	58.14	59.54	58.51	25.8	25.6	29.8	80.6	28.5	25.6	27.6	31.4	24	90	92	65	71	78	92	81.3	32.2
26	59.24	59.42	59.56	57.31	58.22	59.51	58.88	26.2	25.5	28.4	30.1	26.5	25.6	27	30.6	24	90	95	82	74	87	93	86.8	------
27	59.08	59.35	59.60	57.33	59.02	59.84	59.04	26.2	25	29.5	31	27	25.8	27.4	31.5	24.1	90	92	75	66	88	89	83.3	1.3
28	59.34	59.63	59.44	57.31	58.60	59.29	58.94	24.6	24.5	30	30	26.7	25	26.8	32	23.6	92	91	67	70	83	85	81.3	------
29	58.45	58.43	59.40	57.44	58.46	59.93	58.68	24.5	24.6	29.8	32	26.2	25.5	27.1	32.9	23.9	92	90	69	60	82	89	80.3	------
30	58.60	59.08	59.80	57.39	58.74	59.95	58.93	25.2	25.1	30.2	32.6	27.1	26.5	27.8	32.9	24.4	90	90	67	55	80	85	77.8	------
Mean	57.57	57.62	58.39	56.36	57.09	58.48	57.58	25.6	25.5	28.9	29.6	27.4	26.3	27.2	30.8	24.3	90.6	89.7	76.3	73.2	82.3	87.6	83.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	233.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km*	*0–10*			*0–10*		
1	Calm	NW	SW	SW	SW	Calm	21.9	69.7	118.5	51.7	261.8	7	Ci.	Cu.	7	Ci.	Cu.
2	SW	NW	SW	SW	S	SW	61	74.8	121.7	86.4	343.9	6	Ci.	Cu.	6	Ci.	Cu.
3	SW	SW	SW	SW	SW	S	71.3	82.1	69.8	70.6	293.8	7	Ci.	Cu.	10	Ci.-S.	Cu.-N.
4	SW	SW	S	SW	SW	SW	82.1	81.1	108.4	105.4	377	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
5	SW	SW	SW	SW	SW	S	119.1	125.5	104.3	82.4	431.3	8	Ci.	Cu.	10	Ci.-S.	Cu.-N.
6	SW	SW	SW	W	SW	SW	93.9	113.3	115.9	119.4	442.5	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.WSW
7	SW	S	SW	SW	SW	SW	95.3	139.4	175.6	133.3	543.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.SW
8	SW	SW	SW	SW	SW	SW	131	122.9	177.4	119.7	551	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu. SW
9	W	S	SW	W	SW	SW	93.3	119.3	116.9	104.9	434.4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
10	SW	SW	SW	SW	SW	SW	86.1	93.9	109.2	76.9	366.1	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
11	SW	S	SW	SW	SW	SW	75	73.5	94.8	75.6	318.9	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
12	SW	SW	SW	SW	SW	SW	53.1	88	90.9	44.3	276.3	8	Ci.	Cu.	10	Ci.-S.	Cu.-N.
13	W	W	SE	SW	SW	SW	22.8	40.5	104.1	96.9	264.3	6	Ci.	Cu.	10	Ci.-S.	Cu.-N.
14	W	W	Calm	SW	N	Calm	33	40.5	78.9	20.6	173	7	Ci.	Cu.	8	Ci.	Cu.
15	Calm	NE	NW	SW	N	Calm	20.9	40.5	50.1	24.6	136.1	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
16	Calm	N	N	NE	N	N	20.4	42.9	90.1	69.2	222.6	9	Ci.	Cu.	9	Ci.	Cu.
17	N	N	N	NE	NE	N	77.5	114.5	106.7	74.6	373.3	4	Ci.	Cu.	5	------------	Cu.
18	N	N	N	N	N	N	62.3	111.6	64.9	35.1	273.9	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
19	N	N	NE	NE	E	NE	32.5	68.6	74	34.1	209.2	5	Ci.	Cu.	6	------------	Cu.
20	Calm	NE	E	E	N	NE	23.8	48.3	76.2	41	189.3	5	Ci.	------------	6	------------	Cu.
21	Calm	Calm	N	E	N	N	31.6	63.4	92.2	65	252.2	5	Ci.	Cu. E	7	Ci.	Cu.
22	NE	N	NE	NW	N	N	53.6	96	119.9	49.4	318.9	4	Ci.	Cu.	8	Ci.	Cu.
23	NE	N	NE	E	NE	NE	63.9	81.3	95.3	50.5	291	4	Ci.	Cu.	5	Ci.	Cu.
24	NE	NE	SW	SW	SW	SW	30.1	45.9	95.3	46.5	217.8	5	Ci.	Cu.	5	Ci.	Cu.
25	SW	W	SW	SW	SW	S	44.5	79.1	102.4	85.9	311.9	6	Ci.	Cu.	7	Ci.	Cu.
26	SW	SW	SW	SW	N	NW	48.1	62.6	86.3	23	220	10	Ci.-S.	Cu.-N.	7	Ci.	Cu.
27	SW	W	SW	SW	NW	NW	22.8	45.3	64.9	31.7	164.7	7	Ci.	Cu.	6	Ci.	Cu.
28	N	Calm	S	S	N	Calm	29.3	26.2	60.4	24.9	140.8	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.
29	N	N	NE	E	Calm	NW	26.6	55.3	68.2	41.3	191.4	7	Ci.	Cu.	8	Ci.-S.	Cu.
30	NW	NW	NE	E	Calm	NW	56.1	66.6	71.9	24.9	219.5	6	Ci.	Cu.	6	Ci.	Cu.
Mean	------	------	------	------	------	------	56.1	77.1	96.8	63.7	293.7	7.3	------------	------------	8.1	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	8,810.5	----	------------	------------	----	------------	------------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

OCTOBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.44	59.68	59.91	56.99	58.11	59.23	58.89	25	24.8	30.2	31.5	28.9	27	27.9	32.4	24.4	91	93	70	66	81	88	81.5	-----
2	57.79	57.74	58.51	55.56	56.45	57.68	57.29	25.5	25	29.5	28	26.5	26	26.8	33	24	84	88	75	74	88	88	82.8	14.2
3	56.04	56.46	57.51	54.82	56.08	57.04	56.32	26.2	25.5	28.5	25.7	26.5	24.8	26.2	29.6	24.4	90	92	81	94	85	95	89.5	38.9
4	56.04	56.27	57.25	55.27	56.22	57.26	56.38	24.5	25.6	29	25.8	26.5	26.4	26.3	29.5	24.1	91	87	74	89	88	79	84.7	5.1
5	55.87	56.51	57.08	54.92	55.71	56.75	56.14	25.8	24.2	28.8	29.5	28.1	27	27.2	30.5	24.2	85	96	75	72	78	88	82.3	-----
6	55.54	55.88	56.42	54.42	55.21	56.32	55.63	25.8	24.5	28	29	27	26.5	26.8	30	24.4	93	96	81	78	85	86	86.5	24.4
7	55.02	54.88	56.10	54.10	55.18	56.48	55.29	25	26	27.4	29.6	26.7	26.2	26.8	30.3	24.1	93	92	83	72	86	82	84.7	1.5
8	55.24	55.75	57.24	54.90	55.48	56.87	55.91	25.8	25.1	26	24.1	24.2	25	25	26.8	23.6	85	92	89	97	98	95	92.7	106
9	55.73	56.65	58.13	56.14	56.18	57.88	56.78	24.4	23.1	24	24	25	24.2	24.1	26	22.8	97	99	96	96	92	97	96.2	25.6
10	57.19	57.49	58.52	56.39	58.16	59.37	57.85	23.2	24.1	29.5	30.6	27.1	25.5	26.7	31.6	23	97	94	70	70	83	92	84.3	-----
11	59.24	59.83	60.42	58.01	60.06	60.58	59.69	25.1	25	29.8	30.5	25.6	24.5	26.8	32.5	23.8	91	92	74	68	90	92	84.5	-----
12	59.85	59.99	59.84	57.86	58.50	58.92	59.16	25.2	24.2	29.5	31	26.1	25.9	27	31.2	24	88	91	75	71	90	94	84.8	21.8
13	57.69	57.90	58.95	56.31	56.93	57.50	57.55	25.4	25.1	25.1	27	25.7	25	25.6	28	24.2	97	95	95	84	82	92	90.8	1.8
14	56.94	56.90	58.08	56.22	57.38	58.45	57.33	24	24.1	26.2	28.6	25.5	25.8	25.7	29.4	23.3	96	95	89	76	92	88	89.3	10.7
15	57.34	57.79	58.20	56.66	57.84	58.96	57.80	25.2	25.1	29.5	29.4	28.1	27.2	27.4	30.8	24.4	95	95	78	74	80	86	84.7	-----
16	58.48	58.39	58.65	56.81	58.22	59.56	58.35	25.3	25.1	28.7	30.1	28.1	25.2	27.1	31.5	24.5	96	91	80	68	87	94	86	-----
17	58.20	58.49	58.76	56.07	57.26	58.40	57.86	25	24.6	30.1	32.1	26.1	26.2	27.4	32.4	23.8	92	91	70	63	91	92	83.2	5.6
18	57.64	58.22	58.60	55.96	56.10	57.87	57.40	25.2	24.6	29.5	31.1	29.2	26.4	27.7	31.9	24.2	94	92	75	68	80	92	83.5	-----
19	57.10	57.38	58.34	55.83	56.77	58.43	57.31	25.5	25.4	30.5	32	29.4	27	28.3	32	24.6	92	88	68	57	71	87	77.2	-----
20	57.94	58.40	58.98	55.87	56.71	58.56	57.74	26	25.6	27.2	31	28.2	27	27.5	31.2	25.4	92	94	90	72	79	87	85.7	2.8
21	57.64	57.82	58.53	55.76	56.81	56.87	57.24	25.8	25.7	29.4	31.6	26.4	25.8	27.4	32.1	25	93	93	74	65	88	89	83.7	-----
22	56.14	56.50	57.35	54.96	55.80	55.74	56.08	25.3	25.4	27.8	29	26	25.2	26.4	29.1	24.6	93	92	79	74	92	94	87.3	13.7
23	53.97	53.34	54.60	52.31	52.72	53.58	53.42	26	27.1	27.5	28.6	27	28	27.4	29.3	25.6	81	76	81	70	78	77	77.2	1.8
24	52.88	53.29	54.22	52.31	53.03	54.71	53.41	28.2	28.1	30.4	29.5	27.9	28.2	28.7	30.6	25	79	81	75	76	82	80	78.8	11.7
25	54.24	54.32	54.84	53.40	54.06	55.51	54.40	26.4	27.5	29.4	30.1	28.5	28	28.3	30.8	25.4	89	85	79	74	78	82	81.2	1.3
26	55.15	55.48	56.59	54.87	55.99	57.25	55.89	25.6	25.1	29.5	29.6	28.3	26.6	27.4	31	24.6	88	90	80	77	75	91	83.5	4.8
27	56.58	56.86	58	55.36	56.26	57.16	56.70	25.8	25.5	30	30.5	28.2	27.8	28	31	24.9	92	95	73	72	82	83	82.8	2.5
28	56.27	56.49	56.85	54.59	54.81	55.32	55.72	26.5	25.8	29	26.1	28.2	27.8	27.2	29.4	24.7	88	87	78	88	70	77	81.3	2.3
29	54.72	55.05	56.92	55.61	55.91	57.31	55.92	27.1	27.7	26.5	26.4	25.4	26.2	26.6	29.1	24	79	79	84	89	92	90	85.5	10.4
30	56.34	56.61	57.70	55.97	56.79	58.27	56.95	26.8	26.9	30	26	25.4	24.2	26.6	31.7	23.9	84	88	75	87	84	93	85.2	24.5
31	57.14	57.43	58.27	56.32	57.26	59.06	57.58	24.5	25.3	29.3	29.1	27	26.5	27	30	23.7	90	91	76	77	84	88	84.3	.5
Mean	56.63	56.90	57.72	55.50	56.39	57.51	56.77	25.5	25.4	28.6	28.9	27	26.2	26.9	30.5	24.3	90.2	90.6	78.8	76.1	84.2	88.3	84.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	331.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	Calm	N	47.5	73.7	62.3	40.4	223.9	6	Ci.	Cu.	9	Ci.-S.	Cu.-N.
2	NE	NE	NE	NW	Calm	NE	65.8	51.7	44.5	28.4	190.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
3	Calm	S	SSE	SW	SW	SW	39.9	41.2	81.1	89.9	252.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
4	W	SW	SW	SW	SW	SW	102.2	102.2	114	85.5	403.9	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	Cu.-N.
5	S	W	SW	SW	SW	S	35.6	56.6	105.1	70.5	267.8	9	Ci.-S.	Cu.	9	A.-Cu. NNE	Cu.-N.
6	S	NW	S	SW	S	S	22.8	65.5	118.3	65	271.6	7	Ci.-S.	Cu.-N. SW	6	Ci.	Cu. SW
7	SW	S	S	S	SW	SSW	68.9	56.6	78.9	88.2	292.6	7	Ci.	Cu. SW	7	Ci.	Cu.
8	S	SW	W	SW	Calm	SW	83.1	71.4	67.9	26.8	249.2	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N.
9	SW	W	W	SW	S	Calm	43.8	82.3	104.4	14.5	245	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
10	Calm	SW	NW	SW	SE	E	18.2	30.1	66.2	47.2	161.7	6	Ci.	Cu.	6	Ci.	Cu.
11	E	E	E	SW	NE	Calm	31.2	41.8	76.6	36	185.6	5	Ci.	Cu.	8	Ci.-S.	Cu.
12	NE	N	NE	NE	W	NW	36.2	57.1	61.7	20.9	175.9	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
13	Calm	NW	N	NE	W	Calm	16.6	50.5	39.9	20.3	127.3	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
14	Calm	W	W	SW	SE	S	19.1	37	79.5	31.1	166.7	7	Ci.	Cu.	9	Ci.-S.	Cu.-N.
15	S	Calm	SW	SW	SW	SW	22.2	44.8	91.5	42.6	201.1	7	Ci.	Cu.	8	Ci.	Cu.
16	NW	NW	SW	SW	SW	NE	32.7	44.8	52.3	35.1	164.9	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
17	Calm	NE	E	NE	Calm	SW	25.2	42.4	66.2	20.7	154.5	6	Ci.	Cu.	5	Ci.	Cu.
18	SW	N	NNE	NE	NE	N	29.5	84.3	104.6	62.8	281.2	5	Ci.	Cu.	8	Ci.-S.	Cu.
19	N	N	NE	NE	N	N	89	119.7	133.4	89.8	431.9	3	-----	Cu.	2	-----	Cu.
20	N	NE	NE	NE	N	N	69.8	83.2	93.3	70.3	316.6	5	Ci.	Cu.	4	Ci.	Cu.
21	NE	NE	NE	NE	NW	NW	52.6	57.1	52.3	20.3	182.3	6	Ci.	Cu.	6	Ci.	Cu.
22	NW	Calm	NW	SW	W	Calm	20.9	28.7	52.6	19.3	121.5	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
23	SW	SW	SW	SW	SW	SW	95.8	125.7	168.7	170.5	560.7	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu. SW
24	SW	S	SW	SW	SW	SW	164.7	166.3	182.1	137	650.1	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu. SSW
25	S	S	S	SW	SW	SW	101.1	135	158.4	123.3	517.8	10	Ci.-S.	Cu.-N. SSW	10	Ci.-S.	Cu.-N.
26	W	SW	SW	SW	SW	SW	70	90.1	112.9	53.7	326.7	10	Ci.-S.	Cu.-N.	7	Ci.	Cu.
27	SW	W	SW	SW	SW	SW	37.2	76.1	129.7	90.3	333.3	10	Ci.-S.	Cu.-N.	6	Ci.	Cu.
28	SW	S	SW	SW	SW	SW	75	104.1	112	162.5	453.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
29	SW	SW	SW	SW	SW	SW	160.5	161.8	165.5	164.9	652.7	10	Ci.-S.	Cu.-N.	10	Ci. S.	Cu.-N. SW
30	SW	S	SW	SW	SW	SW	106.5	113.3	97.7	81.1	398.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
31	SW	SW	SW	SW	SW	SW	54.9	66.5	93.6	46.1	261.1	6	Ci.	Cu.	7	Ci.-S.	Cu.
Mean	-----	-----	-----	-----	-----	-----	59.3	76.2	95.7	66.3	297.5	8.1	-----	-----	8.2	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	9,222.3	-----	-----	-----	-----	-----	-----

ILOILO.

[φ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

NOVEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.27	58.73	59.01	56.71	57.54	58.81	58.18	25.8	26.1	29.5	31	28.3	26.2	27.8	31.2	24.9	92	90	75	65	82	94	83	1.8
2	58.24	58.50	58.70	55.92	56.40	56.86	57.44	26.2	25.8	30	30.8	28.6	27.2	28.1	31	24.5	89	91	65	69	74	86	79	------
3	55.58	54.86	55.67	53.71	54.78	57.48	55.35	26	26.1	26.7	27.5	27.8	26.2	26.7	28.1	25.2	88	90	85	81	78	90	85.3	6.9
4	57.34	58.46	59.45	57.18	58.14	59.80	58.40	27	26.6	30.4	31	28.1	27	28.4	31.5	25.4	87	88	72	72	85	92	82.7	------
5	58.78	59.40	59.51	56.72	57.66	58.63	58.45	25.1	24.9	30.5	32.6	29.5	26.5	28.2	32.6	24.3	94	93	76	63	81	91	83	------
6	57.94	57.97	58.59	56.30	57.07	58.42	57.72	25.4	25.1	30	31	27.4	25.2	27.4	31.1	24.4	93	91	70	65	85	92	82.7	------
7	57.73	57.98	58.46	56.20	57.24	58.68	57.72	24.6	24.6	29.5	31.6	28.5	25.4	27.4	32	23.9	95	92	72	65	78	92	82.3	------
8	57.97	58.07	58.76	56.46	57.60	58.58	57.91	24.4	24	30.4	31.1	29.1	26.2	27.5	31.6	23.7	95	91	73	71	77	89	82.7	------
9	57.80	58.18	58.80	55.78	56.94	57.67	57.53	25.1	25.1	30.5	32.1	27.8	26.9	27.9	33.4	24.6	94	94	72	63	86	86	82.5	------
10	56.84	56.90	57.60	55.90	56.34	57.73	56.88	25.2	26	28	26.5	26	27.2	26.5	28.4	24.5	97	91	81	87	93	86	89.2	------
11	57.22	57.41	58.57	56.61	58.32	59.46	57.93	26.2	26.5	30.6	29.6	25.7	24.8	27.2	32	24.4	90	87	71	77	94	95	85.7	1.5
12	57.73	58.48	59.16	56.66	58.63	59.98	58.44	24.2	24.1	30.4	31.6	26	25.6	27	32.5	23.2	97	94	72	65	89	91	84.7	------
13	58.77	59.60	60.24	57.36	58.47	59.97	59.07	24.8	25	29.4	32	28.4	26.2	27.6	32	24	92	92	75	66	78	92	82.5	------
14	59.30	59.99	60.52	58	58.92	60.38	59.52	25.2	25	29.6	29.5	27.7	25.8	27.1	32.5	24	92	91	74	75	87	93	85.3	------
15	59.65	59.89	60.62	57.46	58.26	59.52	59.23	25.2	25.1	29.5	31.1	27.2	25.4	27.2	31.6	24.4	93	90	78	62	83	90	82.7	1
16	58.40	58.78	59.47	56.62	57.87	58.86	58.33	25.2	25	30	30.8	28.6	25.8	27.6	31.4	24.8	92	94	71	67	77	88	81.5	------
17	58.02	58.37	58.90	56.41	57.71	59.24	58.11	24.6	25.1	30.1	31.5	27	25.2	27.2	31.9	24	93	92	73	66	83	93	83.3	1.5
18	58.72	59.50	60.54	58.58	58.86	60.46	59.44	25	24.1	25.3	27.5	25.5	24.8	25.4	28.6	23.5	92	95	93	84	88	92	90.7	7.4
19	59.35	59.65	60.20	58.10	59.18	60.16	59.44	24.1	24.5	29	30	26.5	24.5	26.4	30.6	23.5	91	87	67	59	82	92	79.7	------
20	59.03	59.28	60.20	57.39	57.97	59.27	58.86	24.5	24.2	29.5	30.7	27	25.5	26.9	31.1	23.8	92	90	68	61	77	89	79.5	------
21	58.02	58.34	59.01	56.29	57.60	58.18	57.91	25	24.3	29.9	30.9	26.8	24.8	27	30.9	24	92	91	69	66	82	92	82	------
22	57.23	56.94	58	55.64	57.04	57.98	57.14	25	24.7	30	30.1	25.8	25.2	26.8	31	24	91	92	70	67	89	93	83.7	------
23	57.18	57.19	57.97	55.46	56.48	57.94	57.04	24.3	25	29	28.6	26.2	25.2	26.4	30.9	23.9	94	92	76	80	88	92	87	7.1
24	57.12	57.03	57.71	55.19	56.37	56.78	56.70	24.5	24.1	29.1	30.6	27.1	25.6	26.8	31.6	23.5	94	95	73	68	87	93	85	------
25	55.84	56.57	57.21	54.41	55.72	56.48	56.04	25	24.5	30	31	28.3	26.4	27.5	31.5	24	97	96	78	73	86	93	87.2	------
26	55.24	55.52	56.50	54.14	56.29	56.83	55.75	25	24.5	30.2	33	25	25.2	27.2	33.1	24	97	96	74	64	96	97	87.3	16.5
27	56.60	56.99	57.42	54.40	55.49	56.99	56.32	24.8	24.5	29.6	31.5	28.5	26	27.5	31.9	24	98	96	77	69	82	96	86.3	------
28	56.79	57	57.55	55.14	56.54	57.78	56.80	25.2	25.5	29.7	31.5	29	26	27.8	31.5	25.2	97	95	77	66	78	92	84.2	------
29	57.45	57.58	58.50	56.42	57.22	58.79	57.66	25.3	25.4	30	30.4	27.7	25.5	27.4	31.4	24.7	96	93	75	72	87	94	86.2	------
30	57.67	57.98	59.06	56.70	57.55	58.99	57.99	24.2	24.2	30	30.1	26.3	25.2	26.7	30.7	23.7	95	95	75	77	95	97	89	16.8
Mean	57.73	58.04	58.73	56.26	57.34	58.56	57.78	25.1	25	29.5	30.6	27.4	25.8	27.2	31.3	24.2	93.3	92.1	74.2	69.5	84.2	91.7	84.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	60.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 24 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	SW	NE	E	NE	NE	18	44	83.2	53.7	198.9	7	Ci.-S.	Cu.	7	Ci.	Cu.
2	N	N	NE	ENE	NE	NE	85.6	108	119.9	32.7	346.2	4	Ci.	Cu.	5	Ci.	Cu.
3	NE	N	W	SW	SW	SW	27.1	61.5	154.7	114.9	358.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
4	S	S	SW	SW	SW	SW	62.8	66.2	78.1	29.6	236.7	7	Ci.-S.	Cu.	6	Ci.	Cu.
5	W	NW	NE	NE	SE	N	25.1	50.7	62.5	57.4	195.7	4	Ci.	Cu.	4	Ci.	Cu.
6	N	N	NE	NE	N	N	75.1	119.1	139	64.4	397.6	5	Ci.	Cu.	7	Ci.	Cu.
7	N	N	NE	NE	NE	N	68.6	79.2	73.4	52.8	274	5	Ci.	Cu.	4	Ci.	Cu.
8	N	N	NE	E	NE	NE	64.7	82.9	83.2	60	290.8	1	Ci.	Cu.	4	Ci.	Cu.
9	N	N	NE	N	Calm	NE	61	64.2	51.7	52.3	229.2	6	Ci.	Cu.	6	Ci.	Cu.
10	NE	NE	S	NW	NW	S	23.8	65.7	42.9	41.8	174.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
11	S	S	S	SW	Calm	Calm	40.4	59.7	75.1	18.7	193.9	7	Ci.	Cu.	7	Ci.	Cu.
12	NW	NW	NE	S	NE	NE	24.3	26.4	67.6	25.7	144	4	Ci.	Cu.	6	Ci.	Cu.
13	NE	NE	NE	NE	N	N	44.9	67.8	69	61.8	243.5	6	Ci.	Cu.	5	Ci.	Cu.
14	N	N	NE	N	N	N	70.5	117	102.4	87.1	377	7	Ci.	Cu.	8	Ci.-S.	Cu.
15	N	N	NE	NE	N	N	95.3	132.5	141	91.1	459.9	4	Ci.	Cu.	2	------------	Cu.
16	N	N	NE	NE	NE	N	83.2	118.1	131.1	76.7	409.1	5	Ci.	Cu.	5	------------	Cu.
17	N	N	N	N	N	N	66.8	94.1	115.9	72.9	349.7	1	------------	Cu.	4	------------	Cu.
18	N	N	N	N	N	N	107.6	105.9	148.1	105.6	467.2	10	Ci.-S.	Cu.-N.	5	Ci.	Cu.
19	N	N	NE	NE	N	N	117.3	161.3	155.5	96.8	530.9	4	Ci.	Cu.	4	------------	Cu.
20	N	N	NE	NE	N	NE	121.3	140.6	147.9	69.4	479.2	4	Ci.	Cu.	5	------------	Cu.
21	N	N	NE	NE	N	N	93.8	138.6	141.6	90.4	464.4	7	Ci.	Cu.	4	------------	Cu.
22	N	N	N	NE	N	N	82.1	140.2	147.6	79.5	449.4	7	Ci.	Cu.	8	Ci.-S.	Cu.-N.
23	N	N	NE	N	N	N	75.9	118.6	104.3	74.6	373.4	6	Ci.	Cu.	8	Ci.-S.	Cu.-N.
24	N	N	NE	NE	NW	NW	68.6	74.8	55.8	31.1	230.3	6	Ci.	Cu.	8	Ci.-S.	Cu.-N.
25	NW	NW	NE	NE	NE	NE	32.8	59.2	82.4	45.3	219.7	7	Ci.	Cu.	8	Ci.-S.	Cu.-N.
26	N	N	NE	SW	N	NE	46.4	47.2	62.5	26.4	182.5	2	------------	Cu.	10	Ci.-S.	Cu.-N.
27	NE	N	NE	E	NE	N	38.9	62.8	84.8	81.8	268.3	9	Ci.-S.	Cu.-N.	7	Ci.	Cu.
28	N	N	NE	NE	NE	N	68.7	108.6	124.2	76.2	377.7	5	Ci.	Cu.	6	Ci.	Cu.
29	N	N	N	NE	NE	N	70.2	93.8	84.3	69.4	317.7	8	Ci.	Cu.	10	Ci.-S.	Cu.-N.
30	N	N	NE	N	N	N	62	100.3	119.4	118.5	400.2	8	Ci.	Cu.	8	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	64.1	90.3	101.6	65.3	321.3	5.9	------------	------------	6.4	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	9,639.5	----	------------	------------	----	------------	------------

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, −1.84 mm.]

DECEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.07	58.38	59.21	56.97	58.12	58.82	58.26	24.8	24.8	29.2	28	25	24.5	26	30.9	24	98	98	78	77	90	96	89.5	14.2
2	58.24	58.74	59.08	56.49	57.79	58.58	58.15	24.5	24.6	27.6	30	26.1	24.8	26.3	30.5	24.2	99	97	86	74	88	93	89.5	.8
3	57.57	57.73	58.49	56.63	57.13	58.53	57.68	24.6	25	28.1	28.1	26.4	25	26.2	29.1	24.4	96	92	80	80	89	96	88.8	4.1
4	57.78	57.58	58.70	57.19	58.08	58.38	57.95	25	24.6	27.2	24.7	24.3	24.4	25	29.1	23.5	96	96	88	98	94	92	94	15
5	56.54	57.20	58.09	55.66	56.22	57.03	56.79	24	24	25.5	27.5	25.6	24.2	25.1	28	23.3	91	91	84	75	76	78	82.5	.8
6	55.95	55.51	55.64	53.73	52.78	53.28	54.48	23.6	22.4	26.6	27.3	27	26.2	25.5	27.8	22	86	89	81	79	77	79	81.8	------
7	52.09	52.56	54.24	52.92	53.89	55.18	53.48	27.2	26.6	29	30.1	27.7	27.2	28	30.2	24.3	77	83	78	75	83	83	79.8	17
8	54.98	55.67	56.46	55.24	56.17	57.48	56	25.2	26	29.6	29.5	27.5	26.2	27.3	31	24.1	92	92	77	78	84	89	85.3	------
9	56.90	57.04	57.47	55.64	56.77	57.74	56.93	25.2	24.1	29.6	30.4	27	25.2	26.9	31.4	23.5	93	95	67	73	87	97	85.3	------
10	57.12	57.64	57.98	55.87	57.53	57.94	57.35	24.2	24.6	29	31.5	25.4	25.2	26.6	32	23.9	98	94	74	63	93	93	85.8	1.8
11	57.39	57.26	58.02	55.98	57.17	58.19	57.34	24.2	23.5	28	26.6	25.1	24.4	25.3	30.4	23	95	96	77	87	91	95	90.2	------
12	57.56	57.90	58.33	55.84	56.62	58.03	57.38	23.6	23	28.7	29.5	27.5	24.8	26.2	30.1	22.6	98	98	80	79	77	93	87.5	------
13	56.93	57.35	58.23	55.81	56.43	57.98	57.12	23.8	22.8	27.5	28.1	26.7	26.7	25.9	29.5	22.6	93	97	83	79	83	83	86.3	------
14	56.97	57.55	58.32	55.80	56.76	58.11	57.25	24.5	23.5	29.5	29.7	27.6	25.5	26.7	30.4	23.3	96	97	71	73	84	92	85.5	------
15	57.17	57.78	58.51	56.16	57.21	58.72	57.59	24.5	24.2	29	31.4	28	26	27.2	32	23.8	94	95	74	63	81	90	82.8	.5
16	58.10	58.35	59.10	56.49	57.50	59.03	58.10	24.6	24.4	29.7	31.7	28.4	26.2	27.5	32	23.9	92	91	74	65	76	89	81.2	------
17	57.84	58.34	59.47	56.41	57.41	58.60	58.01	24.8	24.5	29.4	31.4	28.3	25.4	27.3	31.4	24.3	93	95	79	66	72	88	82.2	------
18	58.03	58.69	59.56	57.16	57.67	58.94	58.34	24.2	24.6	29	30.5	28	25	26.9	30.9	23.9	93	91	74	68	77	96	83.2	8.4
19	58.17	58.48	59.50	57.29	58.41	59.24	58.52	24.8	24.7	28.5	29.9	24.9	24.8	26.3	30	24.5	93	95	78	72	92	92	87	2.8
20	59.17	59.31	60.46	58.24	59.15	60.60	59.49	24.8	25	28.5	30.1	27.2	25	26.8	30.4	24.5	93	92	81	71	82	92	85.2	------
21	59.63	59.78	60.84	58.31	58.66	59.57	59.46	24.5	24.5	29.5	28.6	26.5	25.2	26.5	30.9	24.3	92	92	74	83	88	92	86.8	1.3
22	58.79	58.84	59.51	57.01	58.22	59.21	58.60	24.2	24.2	28.1	29.1	25	24.8	25.9	30.5	23.5	95	92	77	70	88	88	85	1
23	58.20	58.35	60.11	57.53	58.58	59.54	58.72	24.6	23.8	25.1	27.5	25.2	24.5	25.1	27.9	23.4	92	91	95	78	90	94	90	.3
24	58.39	58.42	60.02	57.32	58.40	59.03	58.60	23.3	23.6	25.1	27.3	25.1	24.5	24.8	27.5	23	97	94	95	85	93	96	93.3	9.9
25	58.19	58.21	59.09	56.96	58.37	58.61	58.24	24.3	24.4	28.1	29.1	25.3	24.8	26	30	24	96	94	83	74	94	93	89	------
26	58.03	58.63	59.49	56.61	57.95	58.26	58.16	24.5	24.6	28.5	28.5	25.5	24.8	26.1	29.9	23.8	96	95	81	80	92	94	89.7	18.1
27	57.39	57.43	57.81	55.38	56.86	57.08	56.99	25.2	25.2	28.5	27.6	26.2	25.5	26.4	30.5	24.6	94	94	78	84	91	93	89	9.7
28	56.13	56.63	57.48	54.89	56.37	57.09	56.43	24.7	24.6	29	30.1	28.5	26.4	27.2	30.4	24.3	96	95	81	74	81	90	86.2	------
29	56.50	56.88	57.66	55.34	57.35	58.41	57.02	25.8	25.5	29.6	31.1	28.6	27.2	28	31.5	25	92	92	77	65	80	89	82.5	------
30	57.78	58.47	59.40	56.90	58.26	58.94	58.29	25.8	25	29	30.1	28.2	26.2	27.4	30.3	24.5	90	92	78	68	78	89	82.5	------
31	58.20	59.12	59.67	56.41	57.93	58.22	58.26	25.3	25.1	29.1	29.1	27.2	26	27	30.1	24.5	96	95	74	74	83	87	84.8	------
Mean	57.41	57.74	58.58	56.26	57.28	58.21	57.58	24.7	24.4	28.3	29.2	26.6	25.4	26.4	30.2	23.8	93.6	93.5	79.3	75.2	85	90.7	86.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	105.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	N	NW	N	N	93.5	109.4	121.8	70.8	395.5	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
2	NW	N	NE	NE	N	N	55	108.3	126.5	85.6	375.4	9	Ci.-S.	Cu.-N.	8	Ci.	Cu.
3	N	N	N	NE	N	N	88.7	137.6	127.6	71.8	425.7	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
4	N	N	NE	N	N	NE	57.1	94.4	93.6	58.5	303.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
5	N	NE	N	NE	N	N	88.5	63.9	78.7	56.6	287.7	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
6	NE	Calm	NE	SW	SW	SW	33.6	22.4	62	55	173	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
7	SW	SW	SW	SW	SW	S	159.3	199.6	151.3	90.7	600.9	10	Ci.-S.	Cu.	8	Ci.-S.	Cu. SW
8	S	S	S	SW	SW	SW	77.9	88.5	90.3	33.6	290.3	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
9	Calm	Calm	S	SW	SE	SE	15.5	32.2	63.3	27.2	138.2	8	Ci.-S.	Cu.	8	Ci.	Cu.
10	SE	NE	N	E	N	NE	34.1	67.8	51.7	25.1	178.7	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
11	NE	Calm	E	N	NW	Calm	48.3	34.6	58.4	24.6	165.9	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
12	N	N	W	SW	SW	Calm	20.9	39.7	104	41.3	205.9	6	Ci.	Cu.	4	Ci.	Cu.
13	W	W	SW	SW	SW	SW	25.9	38.6	113.8	55	233.3	4	Ci.	Cu.	8	Ci.	Cu.
14	SW	SW	S	SW	SW	NW	21.1	44.8	83.4	45.3	194.6	6	Ci.	Cu.	6	----------	Cu.
15	NW	NW	N	NE	SE	S	16.6	51.2	61.7	42	171.5	3	----------	Cu.	4	Ci.	Cu.
16	N	NE	NE	NE	NE	NE	52.3	79.4	119.3	82.7	333.7	7	Ci.	Cu.	8	Ci.-S.	Cu.
17	NE	NE	NE	NE	NE	N	62.6	109.4	134.1	100.6	406.7	4	Ci.	Cu.	7	Ci.	Cu.
18	N	N	NNE	NE	NE	N	88	99	170.4	101.9	459.3	5	Ci.	Cu.	7	Ci.	Cu.
19	N	N	NE	NE	NE	N	97.4	141.9	140.6	97.9	477.8	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
20	N	N	NNE	NE	NE	N	105.4	138.9	166.9	115.4	526.6	8	Ci.-S.	Cu.	6	Ci.	Cu.
21	N	N	NE	NE	N	N	82.4	106.4	133.3	102.2	424.3	5	Ci.	Cu.	8	Ci.-S.	Cu.-N.
22	NE	NE	N	NE	N	N	80	134.7	158.2	114.9	487.8	7	Ci.	Cu.	8	Ci.-S.	Cu.
23	N	NE	NNE	NE	N	N	139.4	169.9	180	144.2	633.5	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
24	N	N	N	N	N	N	133.1	133	135.5	122	523.6	6	Ci.	Cu.	8	Ci.-S.	Cu.-N.
25	N	N	N	NE	N	N	85.1	137.8	120.4	80.8	424.1	7	Ci.	Cu.	10	Ci.-S.	Cu.-N.
26	N	N	N	N	N	N	63.8	89.5	119.7	82.7	355.7	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.
27	NE	NE	N	N	NE	NE	72.6	103	80	59	314.6	5	Ci.	Cu.	10	Ci.-S.	Cu.-N.
28	N	N	NE	NE	E	N	43.5	64.4	65.2	73.8	246.9	8	Ci.	Cu.	8	Ci.	Cu.
28	N	N	NE	E	E	Calm	65.2	92.8	64.2	13.8	236	7	Ci.	Cu.	4	----------	Cu.
30	N	N	NE	ENE	NE	N	44.3	62.2	105.2	79.4	291.1	6	Ci.	Cu.	6	Ci.	Cu.
31	N	N	N	E	N	NE	63	83.7	109.6	71	327.3	6	Ci.	Cu.	10	Ci.-S.	Cu.-N
Mean	------	------	------	------	------	------	68.2	92.9	109.4	71.8	342.2	7.4	----------	----------	8	----------	----------
Total	------	------	------	------	------	------	-----	-----	-----	-----	10,609.2	----	----------	----------	----	----------	----------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

JANUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.31	60.69	61.34	58.98	59.90	60.41	60.27	20.9	19.8	28.8	30.8	27.8	25.9	25.7	32.8	19.6	91	95	71	60	78	90	80.8	------
2	60.09	60.44	61.10	59.62	60.08	60.59	60.32	24.3	23.1	30	28	27.8	26.9	26.7	31.5	22.7	97	97	64	76	71	70	79.2	------
3	60.33	60.62	61.14	59.61	61.25	61.61	60.76	23.4	23.6	28.6	26.2	24.3	23.8	25	30.1	22.6	86	90	66	89	94	97	87	49.7
4	61.48	61.72	61.45	60.03	61.43	61.75	61.31	22.9	23.1	28.3	28.6	26.3	26	25.9	30.7	22.8	99	98	74	75	85	87	86.3	4.6
5	61.29	61.45	61.84	59.87	60.68	61.44	61.10	24.9	23.4	28.4	29	27	24.3	26.2	30.3	22.9	92	96	77	77	82	94	86.3	3.5
6	61.09	61.59	62.20	59.68	60.19	61.06	60.97	24.5	23.7	25.1	27.6	26.5	23.2	25.1	28.2	22.1	94	97	89	81	90	95	91	.6
7	60.27	60.71	61.31	59.09	60.12	60.85	60.39	20.9	19.5	28	30.1	28.1	23.1	25	30.9	19.4	98	95	70	65	72	94	82.3	------
8	60.42	60.63	61.34	59.03	59.97	61.03	60.40	22.1	21.1	28.8	30.8	28	24.9	26	31.2	20.9	95	96	71	67	82	92	83.8	------
9	60.48	60.76	61.43	59.33	60.38	61.65	60.67	22.2	22.1	28.4	27.4	26.8	25	25.3	30.2	20.6	96	94	75	88	80	96	88.2	25.7
10	61.17	61.64	62.94	60.38	61.28	62.21	61.60	24.1	23.8	24.2	27.5	25.9	24.9	25.1	28.8	23.5	98	97	97	84	93	96	94.2	37.3
11	61.80	62.32	63.19	60.91	61.68	62.62	62.09	24.3	22.9	29.1	31.8	27.8	25.7	26.9	32	22.4	96	98	65	52	68	74	75.5	------
12	61.98	62.13	62.74	60.28	61.58	63.06	61.96	21.3	19.4	27.9	30.2	26.9	22.5	24.7	31.3	18.5	89	90	55	50	62	82	71.3	------
13	62.62	62.66	63.55	61.19	62.22	63.15	62.56	20.2	20.8	24.8	27.5	25.1	23.2	23.6	29.6	19	94	94	85	78	88	93	88.7	2.5
14	62.31	62.15	63.13	60.82	61.61	62.39	62.07	23	22.7	27.9	30.3	27.6	23.6	25.8	30.5	21.9	90	90	74	59	68	96	79.5	1.6
15	61.69	61.96	63.05	60.94	61.58	62.61	61.97	23.8	25.4	28.1	29.8	26.7	25.4	26.5	30.4	22.8	86	73	63	56	58	63	66.5	------
16	62.22	62.55	63.76	61.88	62.83	63.45	62.78	23.8	24.9	28.4	29.2	25.5	24.4	26	29.6	23.1	77	72	64	64	90	87	75.7	1.8
17	62.80	62.96	64.20	61.81	62.66	63.34	62.96	24.3	24.5	24.2	27	25.4	23.5	24.8	27.5	23.2	86	86	94	80	88	98	88.7	4.1
18	62.81	63.52	63.89	61.95	62.66	62.82	62.94	23	23.2	26	27.8	26.3	25.4	25.3	28.1	22.6	99	96	89	74	81	75	85.7	2
19	62.20	62.18	62.38	60.32	61.04	62.01	61.69	24	23.3	29.4	29.4	28.2	23.9	26.4	31.1	22.6	86	91	63	69	65	91	77.5	------
20	61.12	61.30	61.30	58.86	60.23	61.27	60.68	22.4	21.5	29	30.1	26.9	23.9	25.6	31.7	21	94	96	69	70	88	94	85.2	.3
21	60.62	60.92	61.50	59.89	61.13	62.02	61.01	23.5	23.5	28.2	29.7	25.7	24.4	25 8	30.1	23	95	96	80	72	90	92	87.5	2.4
22	61.42	61.72	62.41	59.96	61.37	62.26	61.52	23.6	23.1	28.4	31.7	27.7	24.5	26.5	32.2	22.4	97	97	73	57	65	75	77.3	------
23	61.58	61.81	62.21	60.26	60.90	62.13	61.48	20.4	18.7	28.8	32	27	23.4	25	32.1	18.3	93	95	53	49	63	79	72	------
24	61.41	61.41	61.88	59.27	60.62	62.46	61.18	19.7	18.1	28	30.5	26.9	24.6	24.6	31.4	17.9	93	96	68	56	67	73	75.5	------
25	61.91	62.42	63.10	60.74	61.29	62.51	62	21.1	17.5	29	29.5	27	21.4	24.2	30.7	17	80	95	50	59	63	83	71.7	------
26	62.28	62.45	62.80	60.54	61.08	61.86	61.84	18.5	17.1	26.6	30.2	28.3	26.1	24.5	30.8	16.9	93	97	64	59	66	76	75.8	------
27	61.12	61.30	61.98	59.99	60.29	61.76	61.07	23.5	22.4	29.4	30.4	28	21.6	25.9	31.3	20.3	90	88	58	60	59	89	74	------
28	60.39	60.82	61.58	60.05	60.73	61.61	60.86	20	21.6	28	27.6	25.7	23.9	24.5	29.7	19.4	97	93	74	77	91	93	87.5	7.9
29	61.19	61.71	62.74	60.72	60.84	61.70	61.48	21	21.4	28.5	31.3	28.2	25	25.9	32.1	18.9	98	92	57	54	60	71	72	------
30	61.21	61.42	61.88	60.12	61.04	62.14	61.30	22.8	21.7	29.3	31.9	28.2	25.8	26.6	32.2	20.9	83	91	56	53	62	69	69	------
31	61.61	61.75	62.24	60.58	61.31	61.84	61.56	20.4	20.9	28.9	30.6	27	25	25.5	31.8	19.7	91	90	64	62	75	79	76.8	------
Mean	61.39	61.67	62.31	60.22	61.10	61.99	61.44	22.4	21.9	28	29.5	26.9	24.4	25.5	30.7	20.9	92	92.6	70.1	66.8	75.6	85.3	80.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	144

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	Calm	SW	ENE	Calm	Calm	20.9	36.5	47.2	12.7	117.3	2	Ci.	Cu. ENE	9	Ci.-S	Cu. ENE
2	NW	NW	NNE	SE	NE	NE	24.6	39.2	49.7	32.5	146	4	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
3	N	Calm	NE	Calm	N	Calm	19.8	36.7	21.4	17.4	95.3	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
4	Calm	Calm	ENE	SE	Calm	Calm	15.3	37	39.6	12.9	104.8	10	------------	N.	9	A.-Cu. E	Cu.-N. E
5	Calm	Calm	W	SSE	Calm	Calm	13.2	32.7	54.2	17.4	117.5	8	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
6	Calm	Calm	NE	Calm	Calm	Calm	14.2	21.7	20.1	15	71	7	Ci.-S. E	Cu.-N. E	10	Ci.-S.	Cu.-N. E
7	N	Calm	W	S	Calm	Calm	24.3	31.2	57.9	21.1	134.5	2	Ci.-S.	S.-Cu.	4	Ci.	Cu.
8	Calm	Calm	W	S	Calm	Calm	23.1	33.5	47.8	17.9	122.3	2	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
9	Calm	Calm	NNW	SE	SE	Calm	19	31.2	47.3	17.9	115.4	6	Ci.-S.	Cu.-N. ENE	9	Ci.-S.	Cu.-N. ENE
10	Calm	Calm	Calm	Calm	Calm	SW	14.8	21.4	38.9	24.4	99.5	10	------------	N.	10	Ci.-S.	Cu.-N. E
11	W	NNW	ENE	ENE	NE	NE	23	45.6	58.5	32.7	159.8	7	Ci.-S.	Cu.-N. E	8	Ci.-S. E	Cu.-N. NNE
12	Calm	Calm	W	NE	E	Calm	24.9	34.8	40.2	28.4	128.3	2	Ci.	S.-Cu.	7	Ci.-S.	Cu. NNE
13	N	Calm	Calm	W	Calm	Calm	26.8	20.4	33.8	19.1	100.1	9	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. ENE
14	Calm	N	N	NNE	Calm	Calm	24.7	49.7	62.6	20.3	157.3	7	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. NE
15	NW	NNE	NNE	NNE	N	NNE	45.4	69.8	66.5	60	241.7	5	Ci.-S.	Cu.-N. NE	7	Ci.-S.	Cu. ENE
16	N	NE	SE	NW	Calm	Calm	38.9	34.4	34.3	21.2	128.8	7	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. ENE
17	Calm	NE	Calm	N	Calm	Calm	27.9	24.7	37.6	19.3	109.5	10	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. ENE
18	Calm	Calm	NW	NE	NE	NE	21.1	39.6	43	42	145.7	8	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
19	N	N	NE	SSE	NNE	Calm	42.8	64.9	70.6	25.1	203.4	8	Ci.-S.	Cu.-N. NE	7	Ci.-S.	Cu. ENE
20	Calm	Calm	Calm	S	Calm	Calm	17.5	36.5	56	10.8	120.8	4	Ci.	Cu.-N. ENE	6	Ci.-S.	Cu. ENE
21	Calm	Calm	NW	S	Calm	Calm	15.1	40.5	45.3	16.4	117.3	5	A.-Cu. E	Cu.-N. E	9	Ci.-S.	Cu.-N. E
22	Calm	Calm	SW	NE	NE	ENE	14.8	39.2	64.7	30.3	149	4	Ci.-S.	Cu.-N. E	4	Ci.	Cu.
23	Calm	Calm	NE	E	NE	Calm	20.7	49.4	66.8	29.2	166.1	2	Ci.	S.-Cu.	6	Ci.	Cu. NE
24	Calm	Calm	N	SSE	E	ENE	28.8	43.5	64.7	40.7	177.7	1	Ci.-S.	Cu.-N.	4	------------	Cu. E
25	Calm	NE	ENE	S	NE	Calm	26.8	45.7	88.2	30.8	191.5	1	------------	Cu.	2	------------	Cu.
26	N	N	NW	SW	E	Calm	32.7	40.8	48.6	33.3	155.4	1	------------	S.-Cu.	7	A.-Cu.	Cu. E
27	Calm	Calm	S	S	Calm	NE	22.7	45.6	64.7	22.8	155.8	1	Ci.-S.	Cu.-N.	5	Ci.	Cu. E
28	Calm	Calm	NW	NW	Calm	Calm	24.3	26.4	33.3	17.4	101.4	8	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
29	Calm	Calm	NE	ENE	NE	NE	19.9	51.2	62.5	43.1	176.7	1	------------	Cu. ENE	8	Ci.-S.	Cu. ENE
30	N	Calm	NE	ENE	NE	E	32	47	53.4	42	174.4	4	Ci.-S.	Cu. ENE	6	------------	Cu. E
31	Calm	Calm	W	ESE	Calm	Calm	25.4	34.3	68.1	20.9	148.7	1	Ci.-S.	Cu.	8	Ci.-S.	Cu. E
Mean	------	------	------	------	------	------	24	38.9	51.2	25.6	139.8	5.1	------------	------------	7.5	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,333	----	------------	------------	----	------------	------------

ORMOC.

[φ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied; —1.83 mm.]

FEBRUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.51	62.46	62.91	60.77	61.09	61.80	61.76	21.4	20.5	28.4	30.7	28.7	25.6	25.9	31.7	19.5	91	90	67	63	64	67	73.7	
2	61.41	61.92	62.18	60.29	60.27	60.85	61.15	21.3	19	27.7	30.3	28.2	23.9	25.1	31.2	18.4	95	94	65	63	68	77	77	
3	60.31	60.39	61.37	59.76	60.24	60.92	60.50	19.4	17.1	27.4	29.4	28.3	22.3	24	30.3	16.5	88	96	66	62	64	88	77.3	
4	60.51	60.68	61.44	59.16	60.08	61.39	60.54	21.3	19.5	27.5	30.6	28.9	23.6	25.2	31.1	19.5	92	94	70	62	63	77	76.3	
5	60.88	61.43	62.13	59.88	60.65	61.57	61.09	18.3	17.4	28.4	29.5	28	24.4	24.3	31	16.8	92	92	58	63	65	91	76.8	
6	61.11	61.18	61.83	59.38	60.09	61.49	60.85	22.2	20.9	27.1	31.5	28.4	23.3	25.6	32.1	20.7	99	95	75	57	60	79	77.5	
7	60.88	61.19	61.94	59.86	60.74	61.56	61.03	19.8	17.7	28.2	32	27.6	20.4	24.3	32.6	17.6	94	94	58	46	54	86	72	
8	61.41	62.04	62.35	60.03	60.73	61.71	61.38	18.3	17.4	28.7	30.7	28.6	24.7	24.7	32.6	16.4	95	94	66	56	56	69	72.7	
9	61.52	61.89	62.74	60.36	60.78	61.57	61.48	19.7	17.4	28.4	31.8	28	21.4	24.4	32.6	17.1	90	95	62	45	57	86	72.5	
10	60.88	61.04	62.03	59.50	60.08	60.54	60.68	18	16.9	28.2	29.6	27.2	23.7	23.9	31.4	16.7	92	95	62	63	71	83	77.7	
11	59.58	59.65	60.33	58.60	59.67	61.01	59.81	21.7	20.9	28.3	31.6	28.1	24.4	25.8	32.4	19.8	90	92	68	52	61	74	72.8	
12	60.09	60.09	60.43	58.87	59.49	60.69	59.94	19.9	19.4	28.6	32	28.8	25.9	25.8	32.6	18.6	92	92	64	51	58	70	71.2	
13	60.58	60.68	61.68	59.08	59.78	61	60.47	22.8	23.3	30.1	33.1	28.8	26	27.4	33.8	22.2	83	88	55	44	51	66	64.5	
14	60.19	60.43	62.18	60.59	60.90	62.43	61.12	24.3	22.9	28.3	29.2	28.4	27	26.7	31.4	20.7	73	76	60	60	62	72	67.2	
15	62.20	62.41	62.93	60.96	61.65	62.62	62.13	26.2	25.9	29.2	81.2	28.2	24.7	27.6	33.1	23.5	72	72	57	54	60	73	64.7	
16	62.02	62.12	62.53	60.41	61.12	62.21	61.74	22.5	21	30.4	32.4	29	25.3	26.8	33.4	20.9	80	89	50	42	56	68	64.2	
17	61.81	62.28	63.08	60.51	60.70	61.76	61.69	23	18.8	27.5	30.2	27.9	24.9	25.4	30.9	18.2	79	91	58	55	59	69	68.5	
18	61.19	61.41	62.73	60.17	60.94	62.56	61.50	19.7	19.5	27.5	31.8	27.8	23.4	25	32.8	17.6	95	90	61	44	58	76	70.7	
19	62.08	62.49	63.15	60.79	61.13	62.24	61.98	20.5	18.1	28	30	28	24.3	24.8	31.1	17.5	90	93	65	64	66	82	76.7	
20	61.72	62.06	62.76	60.16	60.72	62.40	61.64	20.9	17.8	27.7	31.8	28	24.9	25.2	32.8	17.4	92	95	66	40	54	69	69.3	
21	62.02	62.16	62.81	60.34	60.68	62.44	61.74	19.8	18.2	27.5	32.6	28.7	25.3	25.4	33.5	17.9	89	89	62	40	52	68	66.7	
22	61.88	62.53	62.98	60.18	60.85	62.49	61.82	20.8	19.9	27.6	32	29.4	24.3	25.7	32.8	19.5	85	91	67	51	54	74	70.3	
23	61.88	62.11	62.85	60.71	60.94	62.28	61.80	20.6	19.4	28.6	31.6	28.8	25.5	25.8	33	18.3	89	89	60	45	58	71	68.7	
24	62.11	62.29	62.60	60.56	60.90	62.39	61.81	20.8	20.5	28.6	29.6	28.4	26.6	25.8	31.7	19.6	90	91	60	64	70	68	73.8	
25	62.12	62.40	63.05	60.59	60.72	62.25	61.86	23.8	22.2	27.1	30.1	28.4	25.9	26.2	30.4	21.5	83	89	77	59	62	67	72.8	
26	61.62	61.83	62.74	60.46	60.56	61.69	61.48	21.6	21.7	28.4	30.6	29.7	23.4	25.9	31.4	20.8	89	92	68	59	63	82	75.5	
27	61.21	61.21	61.96	59.95	60.25	61.70	61.05	19.7	19.4	28.4	28.3	27.3	24.2	24.6	31	18.9	91	90	66	74	75	91	81.2	1.3
28	61.20	61.33	62.29	59.95	60.50	61.56	61.14	23.7	22.5	29.2	30.4	24.2	23.4	25.6	31	21.8	93	96	58	53	90	85	79.2	1.8
Mean	61.28	61.56	62.29	60.07	60.58	61.75	61.26	21.1	19.8	28.2	30.9	28.2	24.4	25.5	32	19.1	88.7	90.9	63.2	54.7	61.8	76	72.6	
Total																								3.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	NNE	W	S	NE	ENE	24.4	43	68.4	47.7	183.5	4	A.-Cu. E	Cu.-N.	5	Ci.	Cu.
2	NE	Calm	SW	S	Calm	Calm	28.7	49.7	73.4	24.4	176.2	4	Ci.-S.	S.-Cu.	6		Cu. E
3	NE	NE	W	S	Calm	Calm	30.3	38.6	40.4	26.4	135.7	1	Ci.-S.	S.-Cu.	8	A.-Cu.	Cu.-N. E
4	Calm	N	W	S	Calm	NE	29	37.8	57.1	33.8	157.7	1	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. ENE
5	NE	NE	NW	S	Calm	NE	31.9	42.3	60.9	24.7	159.8	1	Ci.-S.	S.-Cu.	9	A.-Cu.	Cu.-N. ENE
6	Calm	Calm	W	ESE	Calm	Calm	26.6	36	71.3	18.7	152.6	2	Ci.-S.	S.-Cu.	6	A.-Cu.	Cu. NE
7	NE	Calm	W	ENE	E	NE	23.1	53.9	77.9	27.6	182.5	1		Cu.-N.	7	Ci.-S. E	Cu. E
8	Calm	NNE	S	NE	Calm	ENE	29.6	46.1	63.3	23.1	162.1	3	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
9	NE	Calm	W	NE	NE	NE	29.5	31.2	72.9	28.5	162.1	1	Ci.-S.	S.-Cu.	6	Ci.	Cu. E
10	Calm	NNE	W	SSE	SE	Calm	28.8	46.5	73	30.1	178.4	7	Ci. SE	S.-Cu.	8	Ci.-S.	Cu.-N. E
11	NE	Calm	W	ESE	ESE	E	30.9	46.7	69.7	34.3	181.6	7	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu. E
12	Calm	NNE	S	NE	E	NE	32.8	53.9	82.3	37.8	206.8	4	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu. E
13	Calm	Calm	NE	ENE	NE	NE	30.9	67.9	77.9	45.9	222.6	6	Ci.	Cu. ENE	5	Ci.	Cu. E
14	NE	Calm	NE	NE	ENE	NE	35.2	66.8	72.2	43.7	217.9	4	Ci.-S.	S.-Cu.	7	Ci.	Cu.-N. E
15	NE	NE	NE	ENE	E	Calm	47.8	58.5	71.1	17.5	194.9	9	Ci.-S.	Cu.-N. ENE	7	Ci.-S.	Cu.-N. E
16	NE	Calm	NE	ENE	E	NE	30.8	65.4	77.2	40.5	213.9	1	Ci.	S.-Cu.	7	Ci.-S.	Cu. ENE
17	Calm	NE	WNW	SW	ESE	E	24.7	37.6	66.3	38.3	166.9	1	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. E
18	Calm	NNE	S	NE	NE	Calm	26.4	43.1	65.7	25.4	160.6	1	Ci.	Cu. E	6	Ci.-S.	Cu. E
19	NE	NNW	W	S	Calm	NE	30.9	45.9	68.1	25.2	170.1	1	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. ENE
20	NE	NNE	SW	NE	ENE	ESE	30	33.5	77.4	50.2	191.1	1	Ci.	S.-Cu.	4		Cu.
21	Calm	NE	SW	ENE	NE	NE	30.1	42.1	66.5	38.8	177.5	1		S.-Cu.	5	Ci.	Cu. NE
22	Calm	Calm	SW	NW	Calm	NE	25.4	50.5	59.5	24.1	159.5	7	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu. ENE
23	Calm	N	SW	NE	NE	NE	25.9	49.7	66.6	29.5	171.7	1	Ci.-S.	S.-Cu.	8	A.-Cu.	Cu. E
24	NE	N	WNW	S	Calm	NE	30.3	46.9	84.7	34.9	196.8	1	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
25	NE	Calm	SE	SE	E	ENE	23.1	67.9	84.3	23.6	198.9	4	Ci.-S.	Cu.-N. E	9	A.-Cu.	Cu.-N. E
26	Calm	Calm	SSE	S	SSE	NNE	20.3	45.9	61.5	30.8	158.5	8	A.-Cu. E	Cu.-N.	7	Ci.-S.	Cu. NE
27	N	NNE	SW	S	Calm	Calm	25.7	43.5	48.1	24.1	141.4	7	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
28	Calm	Calm	E	E	N	Calm	14.8	42.4	65	20.3	142.5	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. NE
Mean							28.5	47.6	68.7	31.1	175.8	3.5			7		
Total											4,923.8						

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

MARCH, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.18	61.26	62.40	60.03	60.33	62.14	61.22	21.6	21.9	28.2	31.9	28.8	26.9	26.6	32.8	20.8	90	88	65	49	58	56	67.7	------
2	61.18	62.44	63.44	60.96	61.35	62.89	62.04	26.7	24.4	29.1	31.8	27.8	26.6	27.7	32.8	24.4	61	75	64	53	64	65	63.7	------
3	61.99	62.06	63.33	61.03	61.93	62.74	62.18	25.7	26.1	28.3	30.8	28.5	24.7	27.4	31	23.3	67	66	70	57	62	79	66.8	------
4	62.72	62.96	63.82	61.96	62.53	63.61	62.93	22.6	24.9	29.2	31.9	29.2	27.2	27.5	33.5	21.7	81	65	66	53	57	64	64.3	------
5	62.69	63.11	63.38	61.14	61.89	62.69	62.48	23.7	21	29	30.5	29.1	26.5	26.6	32.6	20.5	80	90	69	62	58	58	69.5	------
6	62.22	62.38	62.94	60.21	60.82	62.33	61.82	22.7	19.4	28.6	30.8	29.5	27	26.3	32.6	18.9	75	89	68	59	59	69	69.8	------
7	61.62	61.98	62.90	60.59	61.19	62.90	61.86	24.4	22	27.9	28.8	28.4	27	26.4	30.2	21.5	81	91	77	72	68	75	77.3	------
8	61.56	61.97	62.79	61.11	62.04	63.73	62.20	22.8	23	31.9	34	28.7	27	27.9	35.2	21.8	88	90	54	45	63	69	68.2	------
9	62.80	63.02	63.73	61.60	62.09	63.31	62.76	26.2	25	29.8	29.8	27.2	25.5	27.2	31.7	23.4	74	81	55	61	72	79	70.3	------
10	61.99	62.81	63.83	61.28	61.94	63.23	62.51	23.3	21.6	28.5	31.4	29.2	25.1	26.5	32.8	20.8	90	93	68	60	56	68	72.5	------
11	62.27	63.03	63.15	60.28	60.62	62.01	61.89	20.7	20	30.6	34	29.2	26.1	26.8	34.6	18.4	76	85	54	43	57	67	63.7	------
12	60.50	61.23	62.13	60.04	59.97	60.89	60.79	20.7	19.8	29	29.4	28	26.2	25.5	31.6	19.4	88	94	69	67	72	71	76.8	0.5
13	60	61.24	62.55	60.53	60.58	61.90	61.13	20.6	19.4	28.6	30.1	28.6	24.4	25.3	31.4	18.8	89	90	68	69	79	82	79.5	------
14	60.85	61.86	62.78	60.29	60.79	62.37	61.49	20.8	19.2	28.2	30.7	28.4	23.4	25.1	31.6	18.7	91	94	70	67	80	81	80.5	------
15	61.52	62.16	62.86	60.49	61	62.40	61.74	20.5	18.6	28.7	30	29.6	24.2	25.3	31.2	18	88	85	67	71	64	78	75.5	------
16	61.23	61.86	62.40	59.82	60.20	61.56	61.18	21.9	20.5	28.6	30.8	29.6	24.3	26	33.2	19.9	87	92	69	65	64	84	76.8	------
17	60.39	61.62	62.60	60.06	60.14	61.79	61.10	21.7	21	28.4	30.8	29.8	22.9	25.8	31.2	20.4	92	93	72	72	67	80	79.3	------
18	61.01	61.89	62.91	60.81	61.58	62.71	61.82	21	19.6	29.2	30.9	29.2	27.4	26.2	31.3	19	89	93	69	72	74	73	78.3	------
19	61.95	62.60	63.90	61.76	62.31	63.79	62.72	25	24.4	27.2	28.2	26.2	25.2	26	29.4	23.9	83	91	80	78	89	93	85.7	3.1
20	62.48	62.73	63.16	60.99	61.01	62.14	62.08	24.7	22.4	29	30.6	29.1	26.7	27.1	31	21.9	95	95	65	77	74	77	80.5	------
21	61.08	61.46	62.14	60.19	60.27	61.76	61.15	24.8	21.5	29	30	29	26.9	26.9	31.4	20.8	81	92	77	80	76	76	80.3	------
22	60.65	61.19	61.90	59.78	60.44	61.99	60.99	26	25.5	31.3	32.2	29.2	26.9	28.5	33.7	22.3	82	82	66	64	59	61	69	------
23	60.98	61.77	62.27	59.79	60.33	62.10	61.21	24.9	21.8	30	30.9	30.3	27.2	27.5	33.2	21.2	70	86	58	63	57	70	67.3	------
24	61.30	62.62	63	60.71	60.91	62.18	61.79	25.3	22.2	30.2	30.5	29	25.5	27.1	31.5	21.4	77	91	63	70	76	75	75.3	------
25	61.15	62.11	62.63	59.62	59.58	60.81	60.98	23.3	22.2	29.4	30.6	30	26	26.9	31.9	21.8	88	92	72	70	71	83	79.3	------
26	59.75	60.57	61.85	59.57	59.65	61.54	60.49	23.9	20	28.7	30.2	29	27.7	26.6	31.1	19.6	88	94	74	72	72	72	78.7	.3
27	60.59	61.26	62.05	59.95	60.72	62.14	61.12	23.9	21.8	30.1	32.6	29	27.3	27.4	34.4	20.6	83	89	62	62	69	74	73.2	1.6
28	60.86	61.43	62.58	60.30	60.92	62.06	61.36	25.4	25.4	27.1	30.2	28.5	26	27.1	31.4	23.6	85	88	83	70	70	81	79.5	2.3
29	61.28	61.69	62.54	60.71	61.23	62.43	61.65	24.4	24.1	28.4	30.8	28.7	26.9	27.2	31.3	23.6	91	97	78	74	81	80	83.5	------
30	61.06	61.47	62.81	61.21	61.41	62.44	61.73	26	23.7	29.3	26.2	27.5	25.3	26.3	30.2	23.2	83	91	78	92	86	92	87	11
31	61.09	61.20	61.94	59.56	60.29	61.50	60.93	25.2	24.2	29.5	32.4	29.9	27.4	28.1	34.1	23.7	91	98	81	60	73	74	79.5	------
Mean	61.35	61.97	62.80	60.53	60.97	62.33	61.66	23.6	22.1	29.1	30.8	28.8	26	26.7	32.1	21.2	83.4	88.4	68.7	65.5	68.6	74.4	74.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	18.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	NW	NW	W	ENE	NE	ENE	21.1	37	68.7	58.4	185.2	9	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu. ENE
2	NE	NE	S	SE	N	NE	44.6	61.7	73.2	31.9	211.4	4	A.-Cu.	Cu. E	7	Ci.-S.	Cu.-N. E
3	E	NE	SSE	ESE	NE	N	24.6	63.1	65.4	17.7	170.8	4	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
4	NE	N	SE	SE	E	NE	23.8	64.7	86.6	27.7	202.8	7	Ci.-S. E	Cu.-N.	8	A.-Cu.	Cu. E
5	NE	NNE	SW	S	NE	NE	37	61.7	92	30.6	221.3	1	Ci.-S. E	S.-Cu.	6	Ci.-S. E	Cu.
6	E	NE	SW	S	NE	NE	25.7	50.9	81.1	46.9	204.6	0	------------	------------	4	Ci.-S.	Cu. E
7	NE	NE	W	SW	E	E	16.7	48.8	63.6	33.2	162.3	7	Ci.-S.	Cu.-N. ENE	7	Ci.-S.	Cu. E
8	SE	N	NE	NE	SE	ESE	27.4	65.5	74.5	25.1	192.5	4	Ci.-S.	Cu.-N. ENE	5	------------	Cu. ENE
9	NE	NE	SE	ENE	NE	SE	48.9	44.5	61.5	22.7	177.6	9	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. E
10	SE	N	SW	S	E	E	23.5	45.7	99	31.6	199.8	4	A.-Cu.	S.-Cu.	5	Ci.-S.	Cu. E
11	NE	N	SE	ENE	SE	E	32.2	62.5	70.2	28	192.9	1	Ci.	S.-Cu.	4	Ci.	Cu.
12	N	N	SSE	E	SE	SE	28.8	76.2	91.9	23.8	220.7	4	Ci.-S.	Cu. E	9	Ci.-S.	Cu.-N. E
13	NE	NE	SW	SE	SSE	NE	31.9	51.7	94.4	24.3	202.3	1	Ci.	S.-Cu.	4	Ci.	Cu.
14	NE	N	WSW	S	SE	SE	27.9	39.1	99.6	28.4	195	1	Ci.-S.	S.-Cu.	5	------------	Cu. N
15	SE	S	W	S	N	E	28.8	47.3	66.8	22.5	165.4	1	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. NNE
16	E	N	SW	SSW	NE	NE	25.7	45.3	74.8	22.5	168.3	4	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. E
17	NE	NE	W	S	W	W	23.3	45.1	89.1	24.9	182.4	8	Ci.-S.	Cu.-N. E	6	Ci.-S.	Cu. E
18	W	W	SW	S	SE	NE	25.7	49.7	91.7	34.3	201.4	1	A.-Cu.	S.-Cu.	5	Ci.-S.	Cu. ENE
19	NE	N	NW	S	SE	Calm	22.2	39.6	40	9.7	111.5	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. ENE
20	Calm	SE	SW	S	E	NE	9.7	41.6	86.4	56.3	194	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu. N
21	NE	NE	S	S	ENE	ENE	25.2	62.8	93.3	53.9	235.2	1	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
22	NE	NE	ENE	ESE	NE	NE	43.2	59.8	83.7	43.2	229.9	2	------------	Cu.	8	Ci.-S.	Cu. ENE
23	ENE	N	WSW	S	NE	NE	21.5	62.8	106.5	32.7	223.5	1	Ci.	S.-Cu.	5	------------	Cu. E
24	NE	N	S	S	SE	NE	31.9	55.8	90.4	21.5	199.6	2	Ci.	Cu.	7	Ci.-S.	Cu. ENE
25	NE	NE	SW	S	S	SE	22.2	47	74.3	25.4	168.9	6	A.-Cu. N	S.-Cu.	7	Ci.-S.	Cu. NE
26	NE	NE	SSW	S	NE	ENE	19.5	48.5	52.6	26.8	147.4	4	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. ENE
27	N	NW	NE	ENE	NE	NE	23.1	55.3	78.9	47.8	205.1	4	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. ENE
28	N	NE	WNW	ENE	E	W	33	43.2	55.3	25.9	157.4	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
29	NW	NW	W	SW	N	NE	18.7	42	34.1	26.2	121	9	Ci.-S.	Cu.-N. E	7	A.-Cu.	Cu.-N. ENE
30	NE	N	NE	NE	N	N	23	37.8	44.6	14.7	120.1	7	A.-Cu. E	Cu.-N. E	10	Ci.-S.	Cu.-N.
31	N	E	S	ENE	NE	NE	12.1	77.4	80.2	37.3	207	8	Ci.-S.	Cu.-N. E	5	A.-Cu. ESE	Cu.
Mean	------	------	------	------	------	------	26.5	52.7	76.3	30.8	186.4	4.5	------------	------------	6.9	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	5,777.3	----	------------	------------	----	------------	------------

ORMOC.

[$\phi=11°\ 00'$ N; $\lambda=124°\ 36'$ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

APRIL, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.75	61.02	61.53	59	59.01	60.68	60.33	23.3	21.9	30	31.6	30.6	27.9	27.6	33.2	21.4	88	92	71	73	68	71	77.2	------
2	59.69	60.31	61.27	59.30	59.62	60.70	60.15	23.9	23.3	29.8	31.6	29.9	27.8	27.7	32.4	22.6	90	92	76	74	71	74	79.5	------
3	60	60.82	61.98	59.90	59.96	61.24	60.65	25.6	22.2	29.6	31.2	29.4	27.9	27.6	32	21.8	81	90	71	77	79	77	79.2	------
4	60.66	61.46	61.99	59.75	60.07	62.05	61	23.9	22	30.1	31.6	29.5	27	27.4	32	20.3	91	96	77	73	79	64	80	------
5	61.47	62.14	62.65	59.88	60.74	62.63	61.58	18.8	18.1	28.8	31.4	30.2	27.3	25.8	33.9	17.4	84	89	68	66	67	70	74	------
6	61.75	62.86	63.35	60.69	61.38	62.53	62.09	22	19.8	31	31.6	29.1	26.3	26.6	34.2	19.4	89	93	53	60	59	70	70.7	------
7	61.11	61.89	63.03	60.72	60.96	62.28	61.66	20.9	19.4	29.9	31.2	30.6	27.4	26.6	33.8	19	88	90	69	66	56	64	72.2	------
8	61.45	61.78	62.92	60.22	60.51	62.08	61.49	20.9	21.4	29.7	31.2	30	28.2	26.9	34.6	20.1	87	89	70	75	65	68	75.7	------
9	60.88	61.42	62.12	59.90	60.93	62	61.21	26.1	24.6	30.2	32.2	30	28	28.5	34	23.9	78	87	70	65	67	73	73.3	------
10	60.90	61.35	62.25	59.81	60.53	62.35	61.20	27.3	24.6	29.6	33.8	30.4	27.4	28.8	34.4	23.7	75	86	73	54	72	66	71	------
11	60.75	60.66	61.07	59.27	60.19	61.39	60.56	26.4	23	31.6	33.7	28.7	25.7	28.2	34.8	22.9	76	86	62	52	66	73	69.2	------
12	60.81	60.78	61.30	59.92	60.27	61.95	60.84	21.6	21	29.9	29.5	29.6	23.7	25.9	32.9	20.4	87	90	63	72	63	85	76.7	2.3
13	61.31	61.43	62.51	61.24	61.24	62.34	61.68	23.3	22.9	27	26.3	27.9	25.9	25.6	28.5	21.9	86	91	83	90	74	80	84	6.9
14	61.40	61.21	62.39	60.07	60.40	61.73	61.20	24.8	24.5	28.1	31	29.2	24.9	27.1	33.2	22.9	81	87	78	64	70	83	77.2	------
15	60.78	60.67	61.08	58.76	59.54	60.86	60.28	22.8	22	29.7	33.6	29.4	26.6	27.4	34.4	21.6	93	95	70	55	68	65	74.3	------
16	60.08	60.05	60.78	58.51	58.68	60.30	59.73	22.1	20.9	29.9	31	29.6	27	26.8	32.4	20.4	92	94	65	69	66	65	75.2	------
17	59.20	59.03	59.59	57.33	57.73	59.31	58.70	26.1	21.5	29.7	30.8	29.5	27.4	27.5	31.4	21.1	69	90	69	72	69	70	73.2	------
18	58.79	58.89	60.14	57.88	58.09	59.68	58.91	24	21.9	29.9	31.5	29.9	27.5	27.4	32	20.5	82	88	72	68	65	73	74.7	------
19	59.70	59.85	60.24	58.66	59.73	60.81	59.83	26.8	24.6	31.5	33.6	30	27.4	29	34.5	24.1	69	75	61	55	60	64	64	------
20	60.39	60.55	61.18	58.92	59.83	61.11	60.33	24.8	26.4	28.9	32.6	29.8	26.7	28.2	34.4	23.1	75	73	73	59	65	69	69	------
21	60.18	60.84	60.66	58.47	59.12	60.50	59.96	27.9	25.3	31.8	32.7	27.6	27.6	28.8	33.8	24.4	67	82	62	58	80	72	70.2	1.3
22	60	60.10	60.56	58.85	59.68	60.88	60.01	26.7	27.4	31.5	32.6	29.8	26.3	29	33.9	24.9	77	70	60	61	55	70	65.5	------
23	60.11	60.19	60.61	59.48	60.29	61.38	60.34	26	26.9	32.5	29.6	28.1	27.4	28.4	32.9	23.9	73	70	52	69	70	70	67.3	------
24	60.61	60.55	60.97	59.75	59.75	60.81	60.41	25.2	24.6	30.6	29.5	28.5	27.4	27.6	33.6	23.9	78	82	60	71	64	73	71.3	1.6
25	59.88	60.22	60.77	58.53	58.84	59.95	59.70	27	22.9	28.9	31.6	29.3	26.9	27.8	33	21.9	72	89	71	62	66	73	72.2	------
26	59.71	59.57	59.95	58.12	58.38	60.11	59.31	25.7	24.1	31	32.1	30.4	27	28.4	33.3	22.9	79	84	59	62	64	68	69.3	------
27	59	59.02	59.33	57.77	58.14	59.74	58.83	23	22.2	30.6	31.4	29.7	26.4	27.2	34.6	21.9	86	89	64	67	68	78	75.3	------
28	58.92	58.98	60.02	58.13	58.87	60.41	59.22	25.7	26	29.6	31.2	30.5	27.5	28.4	31.4	24.6	84	75	68	68	63	70	71.3	------
29	59.70	59.56	59.53	57.11	57.85	60.18	58.99	25.5	24	29.9	31.8	30.6	27.4	28.2	33.7	23.3	82	87	66	66	63	70	72.3	------
30	59.09	58.87	59.56	57.88	58.15	59.76	58.88	23.8	23.4	30.4	30.9	28.6	26.4	27.2	31.6	22	84	85	68	70	83	92	80.3	2.6
Mean	60.30	60.54	61.18	59.13	59.62	61.06	60.30	24.4	23.1	30.1	31.5	29.5	26.9	27.6	33.1	22.1	81.4	86.2	67.5	66.4	67.5	72	73.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	14.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	N	SE	S	NE	E	25.2	67.6	81.9	32.8	207.5	4	A.-Cu.	S.-Cu.	5	Ci.-S.	Cu. E
2	NE	NE	S	S	ESE	NE	20.3	56.3	81.5	61.7	219.8	5	Ci.-S.	Cu.-N. E	6	Ci.-S.	Cu. ENE
3	E	N	W	S	SE	NE	29.8	37.5	91.2	53.4	211.9	1	Ci.	S.-Cu.	7	Ci.-S.	Cu. ENE
4	N	N	S	S	SSE	ENE	22.8	59.3	122.8	42.1	247	2	Ci.	S.-Cu.	4	Ci.	Cu.
5	N	N	W	S	NE	S	35.4	48	104.4	41.5	229.3	1	Ci.	Cu.	3	Ci.	Cu.
6	W	W	SE	SE	SE	E	29.3	76.2	100.6	37	243.1	2	Ci.-S.	S.-Cu.	4	Ci.	Cu.
7	N	N	SW	S	ENE	E	29.8	44.3	89.5	34	197.6	2	Ci.	S.-Cu.	4	Ci.-S.	Cu.
8	N	N	NNE	SE	ENE	NE	30.1	44.5	85.1	27.2	186.9	3	A.-Cu.	S.-Cu.	6	A.-Cu. E	Cu. ENE
9	NE	S	SW	SE	E	NE	32.7	71.8	85.9	30.9	221.3	5	Ci.-S.	Cu.-N. E	6	Ci.-S.	Cu. E
10	NE	NE	SSE	NE	E	NE	34.3	57.1	73.2	37.5	202.1	5	Ci.-S.	Cu. ENE	5	Ci.	Cu. E
11	NE	E	ESE	ESE	NE	NE	34.4	38	75.4	34	181.8	2	Ci.-S.	Cu.	6	Ci.-S.	Cu. E
12	NE	NE	SE	SSE	SE	E	28	56.1	87.4	23.3	194.8	3	Ci.	Cu. E	7	Ci.-S.	Cu.-N. E
13	NE	NE	SE	SE	NE	Calm	20.9	22.7	25.9	28.4	97.9	9	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
14	N	ESE	NW	E	NE	NE	21.5	29.6	57.4	23.5	132	7	A.-Cu. E	Cu.-N.	9	Ci.-S.	Cu.-N. E
15	NE	NE	WNW	ENE	E	NE	19	41.5	67.1	26.8	154.4	6	Ci.-S.	Cu.-N. E	5	Ci.-S.	Cu.
16	NE	NNE	SW	S	NE	ENE	24.6	49.7	84.5	42.1	200.9	3	Ci.	S.-Cu.	6	Ci.-S.	Cu. N
17	ENE	NE	S	S	E	NE	34	70.5	120.2	52.6	277.3	1	Ci.-S.	S.-Cu.	4	Ci.	Cu.
18	NE	NNE	SW	S	NE	ENE	29.3	51	84.8	44.9	210	2	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. NE
19	NE	NE	WSW	ENE	SE	E	38.4	52.5	87.2	26.2	204.3	4	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu. E
20	E	NE	S	ESE	NE	NE	30.1	45.4	74.5	43.2	193.2	4	A.-Cu. E	S.-Cu.	6	Ci.-S.	Cu. E
21	NE	NE	ENE	NE	NE	NE	40.2	53.3	68.7	36	198.2	8	Ci.-S.	Cu.-N. E	6	Ci.-S.	Cu. E
22	NE	NE	ESE	SE	ENE	NE	20.1	69.5	101.1	32	222.7	4	Ci.	Cu. E	7	Ci.-S.	Cu. E
23	NE	NE	ENE	E	SE	NE	27.7	81.1	62.2	38.8	209.8	8	Ci.-S. NW	Cu.-N. E	9	Ci.-S.	Cu.-N. ENE
24	NE	NNE	ENE	NNW	NE	NE	34.9	64.1	62.8	45.4	207.2	4	A.-Cu.	Cu. NE	9	Ci.-S.	Cu.-N. NE
25	NE	NE	NW	SE	NE	NE	31.4	37.6	62	32.8	163.8	8	A.-Cu.	Cu. E	8	Ci.-S.	Cu.-N. E
26	N	WNW	NE	S	SE	NE	23.6	53.9	78.9	23.9	180.3	2	A.-Cu.	S.-Cu.	6	Ci.-S.	Cu. E
27	NE	NE	SW	S	E	ENE	23.8	54.5	113.8	23.1	215.2	1	------------	S.-Cu.	5	Ci.-S.	Cu. E
28	NE	S	SW	S	NE	NE	25.4	47.2	74.2	33	179.8	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.
29	NE	NE	SW	S	NE	E	23.6	45.6	91.5	31.4	192.1	4	Ci.	S.-Cu.	5	Ci. SW	Cu.
30	NE	NE	SW	S	N	Calm	24.4	46.9	52.9	14.5	138.7	9	Ci.-S.	Cu.-N. ENE	8	Ci.-S. E	Cu.-N.
Mean	-----	-----	-----	-----	-----	-----	28.2	52.4	81.6	35.1	197.4	4.2	------------	------------	6.1	------------	------------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5,920.9	-----	------------	------------	-----	------------	------------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

MAY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.71	58.71	59.63	57.46	57.95	59.54	58.67	24.9	24.4	30	30.4	29.6	25.9	27.5	31.4	23.6	96	92	75	74	77	88	83.7	1.3
2	58.81	58.69	59.18	56.97	58.53	59.60	58.63	24.3	23.9	30	30	28.6	25.5	27	31.4	23.4	93	96	75	75	73	93	84.2	------
3	59.02	59.12	59.09	57.78	58.03	59.17	58.70	24.1	23.5	30.4	27.5	28.6	26	26.7	32.1	22.9	96	96	75	91	80	85	87.2	6.9
4	58.41	58.70	58.72	56.36	57.01	58.11	57.88	23.8	23.6	30	31.8	30.1	23.9	27.2	32	21	95	94	75	70	61	71	77.7	------
5	57.68	58.34	58.98	56.91	57.54	58.70	58.02	20.8	20.8	29.8	32	29.6	27.8	26.8	32.2	19.9	89	87	65	69	76	70	76	------
6	58.20	58.27	58.57	57.83	58.02	59.17	58.34	25.4	23.2	31.2	31.1	29.4	24.6	27.5	32.7	22.9	86	93	61	61	71	87	76.5	1.8
7	57.80	57.65	58.38	56.18	56.91	58.44	57.56	23.4	22.9	30	33.3	30.2	28.4	28	34.3	22	93	92	67	59	68	67	74.3	------
8	57.29	57.53	58.67	56.88	57.31	58.16	57.64	27.7	27.5	31.1	32.6	30	26.2	29.2	33.5	25.9	68	68	61	61	73	80	68.5	------
9	57.69	57.77	58.97	57.75	57.48	58.82	58.08	27.2	25.6	29.4	27.6	28.6	27.4	27.6	31.3	24.2	75	82	72	83	61	70	73.8	13.5
10	57.81	57.96	58.31	56.25	57.34	59.34	57.84	26.8	24.9	28.9	31.3	29.2	26.9	28	31.9	23.9	79	92	76	76	81	90	82.3	2
11	57.98	58.49	58.83	57.16	58.16	59.11	58.29	25.7	24.9	30.4	32.8	30.1	25.8	28.3	33.2	24.1	96	94	77	70	82	81	83.3	------
12	58.42	58.63	59.97	57.69	58.22	59.65	58.76	23.1	23.6	30.5	29.4	29.8	27.7	27.4	31.8	22.6	91	89	78	82	74	79	82.2	12.4
13	58.79	58.91	59.17	56.92	57.28	59.43	58.42	24.8	24.4	30.6	31.8	30	27.9	28.2	32.6	23.5	92	91	74	71	80	86	82.3	------
14	58.69	59.27	59.63	57.36	58.04	60.03	58.84	26.8	26.4	30.2	31.6	29.8	27.3	28.7	31.8	25.4	90	93	78	71	79	89	83.3	------
15	59.31	58.95	59.69	57.52	58.20	59.43	58.85	26.9	26.7	30	31.4	29.5	26.8	28.6	31.7	25	86	84	80	75	79	89	82.2	------
16	58.59	58.58	58.69	56.95	57.48	59.25	58.26	24.9	25	30.8	31.1	28.8	28.4	28.2	32.2	23.8	92	91	76	77	83	77	82.7	------
17	58.60	58.94	59.42	57.93	58.13	59.95	58.83	27.4	24.2	31.2	28.5	29.2	25.7	27.7	32.8	23.8	79	93	71	87	72	86	81.3	2.8
18	59.31	59.76	60.53	58.78	59.41	60.78	59.76	24.8	23.9	30.9	32.3	30.2	26.4	28.1	32.5	23	90	92	69	67	75	79	78.7	------
19	60.40	60.66	60.72	58.26	58.88	60.30	59.87	24.5	23.9	30.7	32	30	26.9	28	32.5	23.1	87	91	67	64	75	88	78.7	------
20	59.81	59.96	59.44	57.01	58	59.01	58.87	25.1	24.9	30.4	30	29.9	27	27.9	32.2	24.1	97	93	77	71	75	87	83.3	------
21	58.79	59.02	59.02	56.73	56.75	58.50	58.14	24.9	24.8	29.9	30.7	29	26.6	27.6	31.8	23.9	92	90	75	74	82	86	83.2	2
22	58.10	58.28	58.65	57.23	58.73	60.61	58.60	25.1	24.4	29.2	30.4	28.4	25.7	27.2	31.6	23.6	92	96	73	72	77	93	83.8	23.9
23	59.38	59.09	59.55	58.12	58.61	60.54	59.22	24.9	24.8	30	28.8	28	27.1	27.3	31	23.5	97	93	71	80	88	87	86	7.4
24	59.70	59.51	59.80	57.98	58.42	60.35	59.29	23.8	24	29.4	31.3	29.3	26.4	27.4	31.8	23.2	97	95	69	66	79	85	81.8	------
25	59.71	60.12	60.22	58.97	59.13	60.35	59.75	24.2	23.6	30	29	28.8	26.1	27	32.8	23.4	95	95	72	81	80	89	85.3	------
26	60	60.21	60.49	57.97	59.03	59.99	59.62	24.4	24.2	30.5	32	28	24.9	27.3	32.6	23	94	91	70	65	79	93	82	------
27	59.60	59.71	59.96	58.05	58.78	59.96	59.34	24	25.1	30.1	30.4	29.3	26.2	27.5	32.1	23.4	97	89	74	78	82	90	85	------
28	59.82	60.05	60.68	58.42	58.35	60.45	59.63	24.4	24.5	30.4	30	29.4	27.3	27.7	31.4	23.8	95	92	78	77	77	89	84.7	------
29	59.60	59.60	59.87	57.67	58.15	59.70	59.10	26	24.7	30.6	31	29.5	26.3	28	32	24.4	94	97	75	72	78	93	84.8	------
30	58.88	58.74	58.40	56.78	56.88	58.06	57.96	24.6	24.4	30.5	31.7	30.5	26.9	28.1	32	23	96	89	72	70	70	86	80.5	------
31	57.79	57.79	58.13	56.05	56.59	57.39	57.29	24.4	24.9	30.9	31.4	30.5	28.4	28.4	32	23.8	93	87	67	66	71	96	80	------
Mean	58.80	58.94	59.33	57.42	57.98	59.42	58.65	24.9	24.4	30.3	30.8	29.4	26.6	27.7	32.2	23.5	90.7	90.9	73.4	72.7	76.1	84.8	81.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	74

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	SE	N	NE	15.9	34.3	41.6	26.2	118	9	Ci.-S.	Cu.-N.	8	Ci.-S. ESE	Cu. E
2	NE	N	W	SE	NE	NW	24.9	34.4	53.6	22.7	135.6	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. E
3	NW	NW	SW	NE	N	NE	20.9	45.9	27.9	22.2	116.9	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
4	NE	NE	SW	S	NE	NE	21.2	41.8	84	30.4	177.4	4	Ci.	Cu.	5	Ci.-S.	Cu.
5	NE	NE	SW	S	S	E	31.9	35.7	88	24.7	180.3	6	Ci.-S.	S.-Cu.	5	A.-Cu.	Cu. ENE
6	NE	NE	SE	ESE	NE	E	19.5	49.6	49.1	23.8	142	7	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. ENE
7	N	NNE	S	ESE	NE	ENE	24.9	48.8	75.4	44.3	193.4	4	Ci.-S. W	S.-Cu.	5	A.-Cu.	Cu. E
8	NE	NE	SE	ENE	SE	E	26.4	69.2	83.4	33	212	4	Ci.-S.	Cu. E	8	A.-Cu.	Cu.-N. E
9	N	NE	S	SE	NE	NE	26.6	47.8	38.9	23.5	136.8	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cn.-N. E
10	NE	Calm	S	S	SE	SE	16.1	18.7	76.1	39.2	150.1	10	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. ENE
11	SE	NE	S	S	SE	E	19.9	33.8	38	23.5	115.2	10	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.-N. E
12	N	NNE	W	NE	SE	SE	21.5	32	81.8	35.2	170.5	2	Ci.	Cu.	9	Ci.-S.	Cu.-N.
13	NE	NE	S	S	SSE	SE	19.9	43.5	91.7	43.8	198.9	1	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
14	SE	SE	SE	S	SE	SE	19.9	47.7	80.5	18.3	166.4	9	Ci.-S.	Cu.-N. E	5	A.-Cu.	Cu.
15	S	SE	SSE	S	SE	SE	28	71	72.4	14.5	185.9	9	Ci.-S.	Cu.-N. SE	7	Ci.-S.	Cu.
16	SE	S	S	SE	NW	E	19.3	43.5	74	18.7	155.5	4	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu. SSE
17	SE	N	SW	SE	SE	SE	19.9	58.7	79.2	18.2	176	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. SE
18	E	NE	S	S	SE	E	24.1	68.7	97.1	22.3	212.2	6	Ci.-S.	Cu.	4	Ci.-S.	Cu.
19	NE	NE	S	SE	S	SE	23.3	49.7	88.7	18.8	180.5	4	Ci.-S.	Cu.-N.	5	Ci.-S. NE	Cu.
20	S	SE	SE	SSE	SE	SE	16.3	54.1	43.3	15	128.7	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
21	SE	SE	S	SSE	S	S	17.7	51	77.7	17.9	164.3	8	Ci.-S.	Cu.-N.	8	Ci.-S. E	Cu. WNW
22	WSW	Calm	S	SE	SW	N	26.8	39.9	61.4	25.2	153.3	9	A.-Cu.	Cu.-N. SW	9	Ci.-S.	Cu.-N. W
23	NE	NE	NW	SSE	Calm	SW	27.7	47.2	48.1	26.8	149.8	7	A.-Cu. NE	S.-Cu.	8	Ci.-S.	Cu.-N. WSW
24	N	N	ESE	SE	SE	SE	19.3	32.8	74.5	17.9	144.5	10	Ci.-S.	Cu.-N.	4	A.-Cu. E	Cu.-N.
25	SE	SE	SSE	ESE	E	NE	20.4	44.8	45.6	20.3	131.1	3	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. E
26	NE	N	SW	SSE	N	N	25.2	34.9	79.4	23.1	162.6	2	A.-Cu.	Cu.	7	Ci.-S. E	Cu.-N. E
27	N	N	S	SE	SE	SE	20.9	49.6	74.3	18.3	163.1	7	Ci.-S.	Cu.-N.	5	Ci.	Cu.-N.
28	SE	N	SSE	SSE	SSE	Calm	22.5	63	60.2	12.6	158.3	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. E
29	SE	SE	S	S	SE	SE	17.5	45.3	50.4	15.5	128.7	7	Ci. E	Cu.-N.	6	Ci.-S. NE	Cu.-N.
30	SE	SE	S	S	SE	SE	21.7	37	73.2	18.5	150.4	2	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
31	SE	SE	SE	S	Calm	E	21.1	42.3	54.1	25.2	142.7	6	A.-Cu. N	S.-Cu.	5	Ci.-S.	Cu. NNE
Mean	------	------	------	------	------	------	22	45.7	66.6	23.9	158.1	6.5	------	------	6.9	------	------
Total	------	------	------	------	------	------	------	------	------	------	4,901.1	------	------	------	------	------	------

ORMOC.

[φ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

JUNE, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.41	58.19	58.73	57.21	57.79	59.20	58.09	24.9	23.5	31.8	32.2	30.8	28.4	28.6	32.8	22.8	94	90	60	62	68	77	75.2	------
2	59.21	59.62	59.76	57.61	58.16	60.07	59.07	25.4	23.5	30.7	32	30.9	28.4	28.5	33	22.5	85	91	62	66	64	72	73.3	------
3	59.58	59.86	59.59	58.21	59.02	59.35	59.27	25.6	25.4	30.1	28.6	26.8	25.4	27	31	24.3	83	84	70	80	85	94	82.7	5.9
4	58.99	59.74	59.69	57.82	58.11	59.05	58.90	24.7	24.3	30.4	31	30.2	25.9	27.8	32	23.9	96	97	66	65	67	86	79.5	------
5	58.19	58.29	59.04	57.42	58.13	59.40	58.41	24.3	23.8	30.2	32.2	30.4	25.4	27.7	33.8	22.4	91	93	73	64	63	84	78	------
6	58.58	58.68	59.21	57.80	58.38	59.90	58.76	23.7	23.3	30.3	32.6	28.6	25.8	27.4	33.7	22.2	89	89	72	59	68	82	76.5	------
7	59.19	59.23	59.58	57.11	57.41	58.75	58.54	24.6	23.6	30.2	32.1	29.9	26.8	27.9	34.6	23.2	89	94	72	64	65	80	77.3	------
8	58.22	58.44	58.29	55.91	56.83	58.38	57.68	25.6	24.9	31.2	32.2	27.9	24.5	27.7	32.7	23.3	84	84	64	66	84	88	78.3	6.6
9	57.38	57.38	57.82	56.01	56.57	57.53	57.12	23.3	22.4	30.9	30.8	28.3	25.2	26.8	32	21.7	90	94	65	69	78	89	80.8	1
10	56.92	57.28	57.65	55.77	56.26	58.25	57.02	23.1	22.7	30.2	31.4	29.9	25.9	27.2	32.2	22.2	95	95	69	67	72	88	81	.3
11	57.62	57.82	57.90	56.17	56.64	58.73	57.48	24.4	24.7	30.5	31.2	30.2	27.5	28.1	32.4	23.5	95	92	71	69	75	84	81	10.9
12	57.92	57.91	58.69	57.46	57.66	59.23	58.14	26	25.4	30.2	25.6	26.7	24.9	26.5	31.8	24.4	90	96	73	94	94	96	90.5	9.6
13	57.98	58.14	58.22	56.66	57.52	58.96	57.91	24.8	24.6	30.5	32.7	29.5	26.8	28.2	33.1	23.4	96	97	74	62	70	83	80.3	2.3
14	57.78	57.72	57.90	55.96	56.46	58.20	57.34	25.3	24.4	31.8	31.7	30.8	28.3	28.7	33.6	23.6	93	96	65	66	62	75	76.2	------
15	57.92	58	58.14	56.97	57.51	59.03	57.93	26.1	26.4	31.9	31.8	30.6	27.3	29	33	24.4	88	89	62	64	70	86	76.5	2.3
16	58.10	58.33	58.72	58.32	58.57	60	58.67	26	25.4	30.9	29.4	28.9	26.5	27.8	32.6	25.1	92	95	71	79	78	92	84.5	2.1
17	59.32	58.85	58.50	56.95	57.67	59.27	58.43	25.1	25.4	31	33.6	30	26.8	28.6	34.4	24.5	95	94	69	58	73	89	79.7	1.5
18	57.80	57.65	58.65	56.57	57.22	58.05	57.66	25.4	25.1	28.7	32.2	29	28.5	28.2	33.9	24.4	94	93	83	68	77	74	81.5	2.8
19	57.62	57.62	57.79	56.47	57.01	58.37	57.48	24.9	24.8	32	31.1	30.1	26.6	28.2	32.7	24.2	93	91	61	77	69	86	79.5	5.1
20	57.21	57.04	57.83	55.77	56.86	58.39	57.18	26	24.6	29.1	31.4	30.1	26.9	28	33.6	24.1	89	97	78	72	70	81	81.2	------
21	57.69	57.93	58.60	56.32	57.30	58.75	57.76	24.4	23.6	30	31.6	27.1	25.4	27	32.4	23.2	93	95	73	70	90	96	86.2	11.4
22	57.89	58.30	58.44	56.79	57.45	58.22	57.85	24	23.7	29.3	29.3	28.8	26.6	27	31.1	23.2	97	94	77	77	83	94	87	------
23	57.45	57.72	57.73	56.32	57.07	58.53	57.47	25.8	24.5	30.4	27.2	26.6	25.9	26.7	31.9	23.9	94	95	70	93	92	96	90	20.4
24	57.49	57.47	58.31	56.95	57.06	58.72	57.67	24.9	25.3	28.4	26.7	27.3	25.9	26.4	29.3	24.3	98	97	84	94	85	92	91.7	18.3
25	58.09	58.17	58.44	56.80	57.87	58.94	58.05	24.8	23.6	29.4	29.9	25.9	24.4	26.3	31	23.4	95	98	76	73	88	97	87.8	8.8
26	58.38	58.35	58.79	57.18	57.84	59.38	58.32	24.5	27.7	30	31	29.9	27.6	28.4	31.6	24.1	98	86	78	73	76	84	82.5	3.3
27	58.69	58.61	59.24	58.20	58.20	59.51	58.74	25	24.4	29.8	29	29.3	26.5	27.3	32.1	23.5	93	97	75	75	81	92	85.5	------
28	58.51	58.78	60.12	58.36	58.49	60.32	59.10	25.4	23.9	25.4	25.4	26.9	25.5	25.4	27.9	23.5	90	96	97	93	88	91	92.5	15
29	59.50	59.36	59.72	58.55	58.75	60.05	59.32	25	25.2	29	29.6	29.5	27.3	27.6	31.2	24.4	95	94	78	75	73	82	82.8	------
30	59.41	59.61	60.12	58.63	58.12	60.10	59.33	24.8	23.9	30	29.3	29.1	25.9	27.2	30.8	23.4	95	97	78	81	81	86	86.3	------
Mean	58.20	58.34	58.71	57.08	57.60	59.02	58.16	24.9	24.5	30.1	30.5	29	26.4	27.6	32.3	23.6	92.3	93.3	72.2	72.5	76.3	86.5	82.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	127.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	NE	W	S	SE	E	23.5	35.2	92.3	31.6	182.6	2	Ci.-S.	Cu.	4	Ci.-S.	Cu. E
2	E	NNE	W	S	S	E	24.9	35.1	42.1	23.5	125.6	4	Ci.-S. SE	S.-Cu.	7	Ci.-S.	Cu.-N. E
3	NE	N	W	SE	NW	N	17.5	26.2	18.2	18.5	80.4	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.
4	Calm	N	SE	S	NE	NE	14.7	29.6	56	13.4	113.7	9	Ci.-Cu. E	Cu.-N.	8	Ci.-S.	Cu.
5	NE	N	S	S	SE	E	20.4	69.5	91.9	18.8	200.6	5	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu. ENE
6	NE	N	S	ESE	SE	SE	29.2	35.9	93	20.3	178.4	9	Ci.-S.	N.	8	Ci.-S.	Cu.-N. E
7	N	N	S	S	NE	E	21.7	35.9	69	19.1	145.7	4	A.-Cu. ENE	S.-Cu.	7	Ci.-S.	Cu.-N. E
8	E	NE	SW	S	W	WNW	18.2	39.9	55.3	19.1	132.5	6	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu. ENE
9	W	NW	NW	S	NW	NNE	25.4	33.3	50.1	16.7	125.5	7	Ci.-S. W	Cu.	9	Ci.-S.	Cu.-N. E
10	N	N	NW	S	S	NE	23.1	33.2	63	19.8	139.1	4	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
11	NE	NE	S	S	W	ENE	20.9	42.3	35.9	29.2	128.3	9	Ci.-S.	Cu.-N. ESE	8	Ci.-S.	Cu.-N. E
12	NE	NE	NE	N	N	N	24.4	23.8	33.6	20.6	102.4	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.
13	N	N	W	SE	SE	E	25.1	41.3	83.9	33.8	184.1	5	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. E
14	N	N	NE	SSE	E	NE	23.3	44.5	89.1	18.8	175.7	7	A.-Cu. E	S.-Cu.	7	Ci.-S.	Cu. E
15	NE	E	SE	SE	NE	NE	23	76.1	71.8	27.9	198.8	4	Ci.-S.	S.-Cu.	8	Ci.-S. E	Cu.
16	E	NNE	SE	SE	SE	E	20.4	68.2	66.2	16.6	171.4	7	A.-Cu.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
17	Calm	Calm	S	NE	E	E	21.7	35.2	61	18.7	136.6	10	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu. E
18	Calm	Calm	NW	SE	Calm	SE	20.6	27.2	77	34	158.8	10	Ci.-S.	Cu.-N. E	8	A.-Cu. E	Cu.-N. E
19	Calm	Calm	ESE	S	E	Calm	22.2	71	63.6	27.1	183.9	6	Ci.-S.	Cu. E	7	A.-Cu. E	Cu.-N. E
20	NE	Calm	Calm	S	NE	Calm	22.7	27.2	67	15.3	132.2	10	Ci.-S.	Cu.-N. ENE	8	Ci.-S.	Cu.-N.
21	Calm	NE	SE	S	Calm	Calm	20.7	33.3	47.3	13.7	115	9	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
22	Calm	N	Calm	SE	S	Calm	21.9	32.2	75.8	29.8	159.7	7	Ci.	Cu.-N. NE	9	Ci.-S.	Cu.-N.
23	Calm	Calm	W	ENE	N	Calm	13.1	37.2	37.2	17.4	104.9	9	A.-Cu. E	S.-Cu.	9	Ci.-S.	Cu.-N. E
24	Calm	Calm	Calm	Calm	Calm	Calm	18.3	26.9	27.6	9.2	82	10	Ci.-S.	N. ESE	10	Ci.-S.	Cu.-N.
25	Calm	Calm	SE	SSE	SSW	Calm	10.2	26	67.8	17.5	121.5	5	A.-Cu. E	Cu.-N.	9	Ci.-S.	Cu.-N. S
26	Calm	S	SE	SSE	SE	Calm	22.8	67.9	62.8	22.2	175.7	7	A.-Cu.	Cu.-N.	5	Ci.-S.	Cu.
27	Calm	Calm	WSW	NE	Calm	Calm	22.2	25.4	31.6	11.1	90.3	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
28	Calm	Calm	Calm	Calm	Calm	Calm	15.5	13.7	8.9	15.9	54	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
29	Calm	Calm	SE	SE	Calm	ENE	12.1	25.5	40.5	17.9	96	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
30	Calm	Calm	S	SE	Calm	N	15.8	33.6	49.4	19.1	117.9	9	A.-Cu. SW	Cu.-N.	9	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	20.5	38.4	57.6	20.6	137.1	7.4	------	------	8	------	------
Total	------	------	------	------	------	------	------	------	------	------	4,113.3	----	------	------	----	------	------

ORMOC.

[ϕ = 11° 00′ N; λ = 124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, −1.83 mm.]

JULY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.81	60.10	60.14	57.78	57.73	58.99	59.09	24.2	24.3	29.8	30.2	29.8	27.4	27.6	31.7	23.5	97	97	78	79	76	81	84.7	11.4
2	58.63	58.38	58.05	56.39	57.23	59.06	57.96	25.7	25	29.8	30.3	30.1	26.9	28	31.7	24.4	91	95	79	72	70	86	82.2	------
3	57.61	57.70	57.68	56.42	56.97	58.65	57.50	25.8	25.5	30	30.1	30.2	28	28.3	31.7	24.6	92	92	77	79	80	85	84.2	------
4	58.12	58.66	59.03	57.55	57.63	59.54	58.42	26.1	24.9	30.6	31	30.1	27.9	28.4	32.1	24.2	93	92	78	78	78	92	85.2	------
5	58.70	58.85	59.18	57.62	58.50	59.60	58.74	26.7	25.2	31.8	32	25.2	24.4	27.6	33.3	22.6	92	92	67	74	95	98	86.3	54.1
6	59.02	58.78	59.40	57.83	58.21	59.63	58.81	23.6	23.8	30.2	31	29.9	25.9	27.4	32.1	22.9	97	97	78	78	77	91	86.3	------
7	59.13	59.18	59.70	57.92	58.71	60	59.11	24	23.8	29.8	32.1	30.4	26.7	27.8	33.8	23	97	94	73	68	70	90	82	------
8	59.89	60.09	60.47	58.58	58.98	61.04	59.84	24.8	23.9	30.2	31.9	28.6	25.9	27.6	33.1	23.3	94	96	70	75	85	94	85.7	------
9	59.90	60.02	60.77	58.86	59.65	60.94	60.02	24.5	24.6	30.9	31.7	26.2	25.5	27.2	33	23.5	98	95	70	74	94	96	87.8	21.8
10	59.61	59.72	60.34	58.39	58.92	60.04	59.50	24.7	23.9	29.7	30.4	26.6	25.7	26.8	31.7	23.4	98	97	75	78	90	95	88.8	.8
11	59.51	59.14	60.03	58.73	58.74	59.95	59.35	24.4	23.9	28.4	28.7	28.6	25.4	26.6	31.7	23.4	98	97	76	87	86	95	89.8	.5
12	59.02	58.73	59.39	58.26	58.09	59.47	58.83	24.1	23.4	29.4	27.4	27.6	24.1	26	30.5	22.9	96	96	75	80	84	94	87.5	------
13	58.19	58.20	58.85	56.98	57.35	58.65	58.04	22.6	22.9	27.3	28	27	25.5	25.6	30.4	22.2	99	97	81	83	83	91	89	1.8
14	57.52	57.49	57.97	56.33	56.57	57.91	57.30	24.3	23.8	28	29.3	29.4	26.5	26.9	30.8	23	97	95	80	76	79	83	85	.8
15	57.21	57.27	57.58	56.46	56.75	58.01	57.21	25.1	24.7	29.5	32.9	29.4	26.9	28.1	33.9	24.3	92	93	73	61	72	81	78.7	2.8
16	58.20	58.18	58.85	57.89	57.20	58.99	58.22	25.4	23.9	29	28.8	27.2	24.9	26.5	30	23.4	90	98	78	82	87	92	87.8	------
17	57.79	57.79	57.75	56.44	57.07	57.97	57.47	23.4	23.1	29.7	30.9	28.2	26	26.9	32.6	22.6	96	96	71	71	89	95	86.3	------
18	57.21	57.13	57.21	55.73	56.72	58.05	57.01	24.7	23.1	29.5	30.6	28.8	25.5	27	31.8	22.5	94	95	76	74	79	91	84.8	------
19	56.81	56.54	57.09	55.76	55.98	57.20	56.56	24.3	23.2	29.9	31.1	29.2	25.2	27.2	32.6	22.6	92	94	76	67	82	92	83.8	------
20	56.68	56.60	57.30	55.72	56.20	57.82	56.72	24.1	23.3	30.2	31.7	29.6	26.4	27.6	32.8	22.8	94	94	73	74	79	93	84.5	23.6
21	57.48	57.83	58.26	57.12	57.93	60.05	58.11	25.2	24.4	28.4	30	28.8	26.1	27.2	30.8	23.8	93	97	77	80	85	94	87.7	------
22	58.72	58.63	59.74	58.48	59.14	60.15	59.14	25.2	24.9	28.3	30	29.2	26.8	27.4	31	24.4	92	92	81	80	79	88	85.3	2
23	59.08	58.88	59.94	58.33	57.74	58.68	58.78	25.9	25.4	30.6	28.3	28.9	25.4	27.4	31.6	24.8	93	95	76	83	78	93	86.3	16
24	57.78	57.32	57.57	55.88	55.95	57.86	57.06	25.4	25.9	29.4	29.9	29.4	27.4	27.9	31	24.5	93	90	82	79	79	84	84.5	1.8
25	56.71	56.45	57.02	55.88	56.70	57.75	56.75	26.5	26	27.9	29.5	27.1	26.4	27.2	30.1	24.6	90	88	88	79	87	89	86.8	11.9
26	57.48	56.87	56.70	55.28	55.97	57.25	56.59	25.6	28.1	29.8	30	30	28.4	28.6	30.8	24.7	90	77	73	77	77	82	79.3	2.5
27	56.59	56.35	56.32	55.32	55.45	56.36	56.06	27.7	28	29.9	30.2	24.5	26.2	27.8	31.3	23.9	84	82	75	74	91	88	82.3	7.2
28	55.71	54.87	55.80	54	54.32	55.12	54.97	27.4	27.4	28.9	29	26.9	27.3	27.8	29.9	25.5	84	82	80	81	83	85	82.5	.8
29	54.31	53.77	54.20	53.06	53.87	54.40	53.94	28.7	27.4	28.2	27.5	26.5	28.4	27.8	29.2	25.9	75	83	81	90	85	81	82.5	9.4
30	53.98	54.26	55.30	55.34	55.73	56.71	55.22	26.3	28.4	28.7	28.3	28.6	28	28	29.8	24.6	93	78	81	82	78	77	81.5	------
31	56.19	55.92	56.98	55.89	55.79	57.51	56.38	28	27.9	29.6	30.4	30	27.8	29	31.4	27.4	75	74	72	72	77	82	75.3	------
Mean	57.83	57.73	58.21	56.78	57.15	58.50	57.70	25.3	25	29.5	30.1	28.5	26.4	27.5	31.6	23.8	92.2	91.6	76.5	77	81.7	89	84.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	169.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SE	SE	Calm	Calm	18.3	32.5	67.3	21.1	139.2	7	Ci.-S. NE	Cu.-N.	5	Ci.-S.	Cu.
2	Calm	Calm	SE	SE	Calm	Calm	23	31.9	51.8	15.1	121.8	8	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.
3	Calm	Calm	SE	SE	Calm	Calm	15.9	55	68.7	19.5	159.1	8	Ci.-S.	Cu.-N.	4	Ci.-S.	Cu.
4	Calm	Calm	S	SE	SSE	Calm	17.1	46.5	70.6	16.6	150.8	4	Ci.	Cu.-N.	6	Ci.-S. E	Cu. E
5	Calm	Calm	Calm	S	Calm	Calm	24.4	38.6	57.7	18.5	139.2	3	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
6	Calm	Calm	SE	S	NW	Calm	18	30.8	51.2	17.7	117.7	5	A.-Cu. ENE	Cu.-N.	8	Ci.-Cu. E	Cu.-N. ENE
7	Calm	Calm	NW	SSW	ESE	Calm	19.9	34.3	63.1	28.8	146.1	6	A.-Cu. E	Cu.-N.	6	Ci.-S.	Cu. E
8	N	Calm	W	S	Calm	Calm	23.8	29.8	50.2	20.1	123.9	2	Ci.	Cu.	6	Ci.	Cu. E
9	Calm	Calm	SW	S	Calm	Calm	23.9	42.3	48	20.6	134.8	9	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. ENE
10	Calm	Calm	Calm	S	N	Calm	20.6	34.9	50.4	23.1	129	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. E
11	Calm	Calm	SE	WNW	Calm	Calm	23.6	24.9	34.8	19.8	103.1	5	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. E
12	Calm	Calm	SSE	SE	Calm	Calm	19	55.8	40.5	19	134.3	5	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
13	Calm	Calm	Calm	SSE	Calm	Calm	25.4	19	41.2	16.3	101.9	6	A.-Cu. E	Cu.-N.	10	Ci.-S.	Cu.-N. ENE
14	Calm	Calm	Calm	SE	Calm	NE	19.8	25.5	35.6	23	103.9	7	A.-Cu. E	Cu.-N.	9	Ci.-S.	Cu.-N.
15	NE	Calm	NW	SE	NE	E	19.9	42.4	70.6	27.6	160.5	10	Ci.-S.	N.	7	Ci.-S.	Cu.-N. E
16	Calm	N	Calm	Calm	Calm	Calm	19.8	23.6	27.6	16.7	87.7	6	Ci.-S. E	S.-Cu.	10	Ci.-S.	Cu.-N. E
17	Calm	Calm	NW	SW	Calm	Calm	22.8	30.4	51.8	21.2	126.2	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. ENE
18	Calm	Calm	Calm	SE	Calm	Calm	17.2	27.7	53.1	17.9	115.9	3	Ci.	Cu.	6	Ci.-S. E	Cu.-N.
19	Calm	Calm	NW	SE	Calm	Calm	22.8	31.6	51.8	17.4	123.6	5	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. E
20	Calm	Calm	E	SE	NE	Calm	24.1	34.9	64.2	20.1	143.3	7	Ci.-S.	S.-Cu.	6	Ci.-S. E	Cu.
21	Calm	NE	SE	SE	Calm	Calm	33.6	34.4	44.8	21.9	134.7	8	Ci.-S.	Cu.-N. ESE	8	Ci.-S.	Cu.-N.
22	Calm	Calm	Calm	S	S	Calm	22.5	29.2	42.3	21.5	115.5	9	A.-Cu. NE	Cu.-N. E	10	Ci.-S.	Cu.-N.
23	Calm	Calm	SE	Calm	Calm	Calm	19.9	47	25.9	20.1	112.9	8	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu.
24	Calm	Calm	SE	SE	Calm	SE	19.9	52.5	77.2	26.8	176.4	9	Ci.-S.	Cu.-N. W	8	Ci.-S.	Cu.-N. W
25	Calm	E	S	S	SE	E	28.7	69	118.9	63.1	279.7	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. SSW
26	E	S	S	S	SSW	S	63.9	125.5	128.4	134.2	452	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. WSW
27	SW	S	S	SW	Calm	ENE	108	126.8	95.3	55.2	385.3	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. WSW
28	S	S	SSW	SW	SW	SSW	108	142.1	119.6	58.2	427.9	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. W
29	SSW	SSW	SSW	S	SW	SSW	127.1	124.5	139	125.5	516.1	10	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N. WSW
30	SSW	SSW	SSW	S	S	SSE	122.9	200.5	160.7	138.2	622.3	10	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	Cu.-N. WSW
31	SSE	SSE	S	S	S	SE	135.3	147.7	132.7	33.2	448.9	8	Ci.-S. NE	S.-Cu.	8	Ci.-S. N	Cu.-N.
Mean	------	------	------	------	------	------	39	57.8	68.9	35.4	201.1	7.2	------	------	8.1	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,233.7	------	------	------	------	------	------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

AUGUST, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a.m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.01	57.02	58.03	56.68	56.46	58.04	57.21	27.6	28.3	29.5	30.6	30.2	26.5	28.8	32	25.5	84	79	79	74	73	82	78.5	------
2	57.58	57.53	58.44	56.53	57.04	58.57	57.62	25.3	24.4	30.5	30.2	29.9	26.4	27.8	31.2	24	88	95	76	78	78	84	83.2	------
3	58.32	58.27	58.54	56.89	56.97	58.60	57.93	25.2	24.3	29.3	30.1	30.4	26.4	27.6	31.5	23.9	92	96	80	77	72	85	83.7	------
4	57.58	57.22	57.97	56.48	56.56	58.34	57.36	24.9	24.1	30.3	30.3	30.6	26.4	27.8	31.7	23.8	92	96	76	76	69	89	83	------
5	58.12	57.98	58.68	57.53	57.44	59.51	58.21	25.9	26.3	28.8	29.2	28.3	24	27.1	29.7	23	88	85	85	80	82	98	86.3	24.4
6	59.09	58.68	59.04	57.76	57.79	59.26	58.60	24	24.6	29.2	30	29.6	27.4	27.5	30.8	23.5	99	97	79	78	74	81	84.7	------
7	59.19	58.76	59.66	57.76	57.72	59.30	58.73	27.3	27.9	29.8	30.5	30.3	28.4	29	31.8	25.4	82	84	72	68	68	74	74.7	------
8	58.60	58.26	58.65	56.43	56.52	58.30	57.79	27.2	27.7	29.5	30.9	30.1	27.5	28.8	31.3	25.2	87	86	74	72	71	87	79.5	------
9	57.61	56.95	57.97	56.36	56.68	58.63	57.37	26.1	26	30	30.4	30.5	27.5	28.4	31.8	25.6	92	91	81	78	74	87	83.8	------
10	58.21	58.06	58.84	57.39	58.11	60.21	58.47	26.4	28.4	30.3	30.3	30.4	25	28.5	31.6	24.4	91	75	76	73	74	91	80	14.5
11	59.40	59.56	59.47	57.97	58.27	59.93	59.10	25	24.8	29.8	29.8	29.8	27.2	27.7	30.4	24.2	95	94	73	74	74	79	81.5	------
12	59.41	59.22	59.19	57.82	57.38	58.79	58.64	25.2	24.4	30.6	30.1	29.8	25.7	27.6	31.2	23.9	86	91	70	73	77	91	81.3	------
13	58.52	58.33	58.95	56.79	56.96	58.67	58.04	23.7	23.5	29.7	30.1	30.7	25.8	27.2	31.6	23.3	98	98	73	72	69	85	82.5	------
14	58.52	58.21	58.38	57.38	57.54	59.16	58.20	24.2	23.9	30.4	30.4	30.4	26.2	27.6	31.4	23.4	94	96	70	72	68	85	80.8	------
15	58.32	57.71	58.95	57.90	57.94	59.68	58.42	24.8	24	29.4	29.4	27.4	26.2	26.9	31.7	23.6	93	96	77	79	95	90	88.3	8.2
16	59.42	59.32	59.40	57.73	57.94	59.31	58.85	25.2	24.3	27.7	29	28.4	25.9	26.8	30	23.4	89	93	81	81	81	93	86.3	.3
17	57.69	57.71	58.35	56.49	56.66	57.35	57.38	25.1	25.2	26.9	28.3	27.8	25.9	26.5	30.1	24.5	95	93	89	77	84	88	87.7	20.3
18	56.62	56.26	57.16	55.56	56.14	57.77	56.58	24.6	24.7	25.6	26.9	29.2	26.1	26.2	30.1	23.5	96	95	93	88	78	94	90.7	24.3
19	56.30	56.40	57.25	55.46	56.45	57.71	56.60	27.1	25.4	25.6	28.8	25.7	25.8	26.4	30.3	25	88	98	97	79	99	86	91.2	32.2
20	56.82	56.47	57.28	55.93	56.93	57.61	56.84	27.2	27.9	30	29.8	28.8	25.6	28.2	31.5	25	81	82	77	79	86	98	83.8	1.3
21	57.21	57.16	57.92	56.64	57.03	58.75	57.45	25.1	26.9	30.4	30.2	30.2	25.9	28.1	31.8	24.8	99	86	69	75	73	89	81.8	------
22	58.08	58.06	58.22	56.66	57.21	58.52	57.79	24.5	24.4	29.5	30.4	29.7	25.4	27.3	31.3	23.4	96	96	76	75	75	92	85	------
23	57.21	57.03	58	56.83	56.82	58.66	57.42	24.6	25.1	30.2	30.5	29.8	26	27.7	31.3	24.3	99	96	76	72	75	91	84.8	3.6
24	57.70	57.92	58.83	56.78	57.70	59.29	58.04	24.5	24.2	29.2	30.1	29.1	26.7	27.3	31.1	23.9	94	93	82	77	83	86	85.8	9.9
25	58.61	58.76	59.50	57.70	58.32	60.33	58.87	25	24	29	29.5	28.4	26.9	27.1	30.4	23.7	93	97	78	79	81	88	86	6.9
26	59.80	60.12	60.10	58.33	58.61	60.23	59.53	25.4	23.9	29.8	29.5	29.5	26.4	27.4	31	23.4	93	96	75	76	72	92	84	32.3
27	60.29	61.53	61.08	59.20	59.63	60.61	60.39	25.2	22.5	26.7	30.5	28	24.2	26.2	32	21.9	92	96	85	72	80	93	86.3	------
28	60.28	60.22	60.65	58.87	59.33	61.13	60.08	22.1	21.4	29.9	30.2	28.8	25.4	26.3	31.4	20.8	98	97	73	73	82	88	85.2	------
29	59.48?	59.73	59.56	58.05	58.29	59.63	59.12	23.7	22.9	30.7	22.2	28.9	25.4	25.6	32.5	20.8	97	96	65	99	74	92	87.2	41.7
30	59.21	59.33	59.47	58.36	57.88	59.06	58.88	24.3	23.9	29.5	25	27.8	25.6	26	30.9	23.4	96	97	81	95	89	95	92.2	21.8
31	58.52	59.03	59.73	57.36	57.90	58.66	58.53	24.7	23.4	25.6	28.5	27.7	24.3	25.7	29.4	23.2	95	98	87	75	82	93	88.3	8.4
Mean	58.35	58.28	58.81	57.21	57.49	59.02	58.19	25.2	24.9	29.1	29.4	29.2	26.1	27.3	31.1	23.8	92.3	92.5	78.2	77.3	77.8	88.6	84.5	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	250.1

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	S	SE	SE	SE	Calm	23.1	75.3	41.6	23.1	163.1	8	Ci.-S.	Cu.-N. S	8	A.-Cu. E	Cu.
2	Calm	Calm	S	SE	Calm	Calm	18.2	45.3	81.9	18.2	163.6	6	Ci.-S. NE	S.-Cu.	7	Ci.-S.	Cu.
3	Calm	Calm	SE	SE	SE	Calm	18	50.9	81.9	21.7	172.5	8	Ci.-S.	cu.-N. SSW	7	Ci.-S. E	Cu. W
4	Calm	Calm	SE	SE	Calm	Calm	16.6	44.8	88.7	27.2	177.3	6	A.-Cu. E	S.-Cu.	7	A.-Cu. E	Cu. WNW
5	Calm	ENE	SE	SSE	Calm	ENE	34.8	103	73	44.8	255.6	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	cu.-N. SW
6	Calm	Calm	Calm	SE	SE	SE	16.3	43.1	81.6	25.9	166.9	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
7	SE	SSW	SSE	SE	Calm	E	55.8	47	57.4	23.6	183.8	6	Ci.-S.	S.-Cu.	4	Ci.	Cu.
8	Calm	S	SSE	SE	SE	Calm	22.3	72.1	105.2	17.7	217.3	7	Ci.	Cu.-N. S	4	Ci.	Cu. W
9	Calm	Calm	SSE	SE	Calm	SSE	19.1	105.4	90.9	26.9	242.3	8	Ci.-S. ENE	Cu.-N.	4	Ci. E	Cu. WSW
10	Calm	SSE	SSE	SE	SE	Calm	34	91.1	75.4	36.4	236.9	7	Ci.	Cu. SSW	7	Ci.-S.	Cu.
11	Calm	Calm	S	SE	S	Calm	17.9	77.7	57.6	23.9	177.1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
12	Calm	Calm	SSE	SE	NW	Calm	19.6	71.8	56.1	16.4	163.9	8	A.-Cu. NW	S.-Cu.	7	Ci.-S. E	Cu.
13	Calm	Calm	SE	SE	Calm	Calm	19.5	75.9	72.2	17.2	184.8	8	Ci.-S.	S.-Cu.	4	Ci.-S. ENE	Cu.
14	Calm	Calm	SE	SE	Calm	Calm	19.3	51.8	58.9	17.2	147.2	7	Ci.	Cu.-N.	8	Ci.-S.	Cu.-N.
15	Calm	Calm	SE	Calm	Calm	Calm	17.9	52.9	37.3	15.3	123.4	10	A.-Cu.	Cu.-N.	10	Ci.-S.	Cu.-N.
16	NNW	Calm	Calm	SE	Calm	Calm	32.5	19	26.9	11	89.4	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. NNW
17	Calm	NNE	E	N	NW	Calm	19.6	21.7	44.5	13.9	99.7	10	----------	N.	10	Ci.-S.	Cu.-N.
18	Calm	Calm	Calm	Calm	Calm	Calm	16.9	17.5	19.5	27.7	81.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
19	SSE	Calm	SSE	Calm	SSW	Calm	109.2	55.8	53.7	31.6	250.3	10	Ci.-S.	N. SW	10	Ci.-S.	Cu.-N.
20	S	S	S	SE	Calm	Calm	65	86.9	57.7	21.7	231.3	10	Ci.-S.	cu.-N. SSW	10	Ci.-S.	Cu.-N. SW
21	Calm	NE	S	SE	Calm	Calm	20.7	79.5	62.6	16.9	179.7	8	Ci.	Cu.-N.	8	Ci.-S. E	Cu.
22	Calm	Calm	SE	SE	Calm	Calm	17.4	37	57.4	17.9	129.7	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
23	Calm	Calm	SSE	SE	Calm	Calm	15.6	63.3	75.1	19.6	173.6	10	Ci.-S	Cu.-N. S	8	Ci.-S.	Cu.
24	Calm	NE	SE	SE	Calm	Calm	27.2	57.1	53.7	29.2	167.2	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
25	Calm	Calm	SE	SE	Calm	Calm	23.9	29.6	38.3	17.7	109.5	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
26	Calm	Calm	SE	SE	Calm	Calm	41.2	31.9	45.1	20.4	138.6	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
27	Calm	Calm	N	NNW	NW	Calm	68.4	23.8	31.4	18.2	141.8	10	Ci.-S.	Cu.-N.	9	A.-Cu. E	Cu.-N. W
28	N	Calm	SE	SE	Calm	Calm	26	36.8	51.5	18.5	132.8	1	----------	Cu.	4	Ci.-S.	Cu.
29	Calm	Calm	NNW	SW	Calm	Calm	15.3	32.4	47.8	14.2	109.7	1	Ci.	Cu.	10	Ci.-S.	Cu.-N.
30	Calm	Calm	SE	N	Calm	Calm	16.7	30	32	14.2	92.9	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu.-N.
31	Calm	N	NW	Calm	Calm	Calm	17.2	27.6	20.1	11.1	76	10	----------	N.	10	Ci.-S.	cu.-N. NW
Mean	------	------	------	------	------	------	28.6	53.5	57.3	21.3	160.6	8.3	----------	----------	8	----------	----------
Total	------	------	------	------	------	------	------	------	------	------	4,979.5	---	----------	----------	---	----------	----------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

SEPTEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.32	58.49	59.09	56.95	57.32	58.76	58.16	23.8	24	28.9	29.5	28.9	25	26.7	30.6	23.4	96	98	71	73	71	91	83.3	0.3
2	58.12	58.36	58.63	56.46	57.05	58.41	57.84	24.6	24	29.3	30.2	29.2	25.9	27.2	31.3	23.5	91	95	76	70	78	92	83.7	1.3
3	57.58	57.91	58.34	56.37	57.37	58.07	57.61	24.4	24.5	29.5	30.2	25.6	25.4	26.6	31.6	23.8	97	98	71	70	93	86	85.8	3.3
4	57.29	57.14	58.08	55.93	57.37	57.96	57.30	24.4	24.8	30.1	30.6	24	24.5	26.4	31.2	22.8	95	94	72	72	97	96	87.7	31.8
5	57.31	56.64	57.03	55.22	55.60	57.30	56.52	24.5	24.4	29.9	30.6	29.6	26.9	27.6	31.4	23.8	95	95	73	69	72	92	82.7	1
6	56.62	55.97	56.53	54.75	56.26	57.49	56.27	25.6	27.6	29.9	31	25	27.4	27.8	31.8	24.6	93	76	71	70	99	84	82.2	18
7	56.08	55.91	56.20	54.63	55.27	57.15	55.87	28.1	28	29.8	30	29.4	28.9	29	30.9	27.3	81	80	71	74	66	71	73.8	------
8	56.30	55.50	56.12	54.23	55.13	56.53	55.64	28.8	28.4	30	30.4	29.6	29.4	29.4	31.2	27.8	74	74	71	72	75	69	72.5	------
9	55.88	56.04	56.91	55.53	56.07	57.96	56.40	28.8	28.5	30.2	30.5	30.2	26.9	29.2	31.3	26.5	75	77	73	71	70	88	75.7	------
10	57.31	56.87	57.91	56.02	56.87	58.02	57.17	26.6	26.3	30.2	30	26.2	25.7	27.5	32.2	25	86	84	76	75	87	95	83.8	1.5
11	57.32	56.47	57.08	55.88	56	56.76	56.58	24.8	25.5	29.7	30.4	29.3	26.9	27.8	31.7	24	95	88	75	73	77	92	83.3	------
12	56.48	57.06	57.28	55.61	57.55	58	57	25.8	25.5	30.1	30.2	24.3	24.7	26.8	31.5	23.8	96	96	71	75	99	98	89.2	47.3
13	57.19	57.61	58.74	56.28	56.85	58.21	57.48	24.2	24	28	29.6	29.2	26.3	26.9	30.8	23.7	99	98	80	77	75	93	87	.3
14	57.70	58.06	58.20	57.33	57.74	59.06	58.02	26	25.4	30	28	27.5	24.8	27	31.8	24.2	93	96	69	86	87	94	87.5	4.1
15	58.88	59.23	58.21	57.20	58.18	59.87	58.60	25.1	25.5	28.6	30	25.9	24.4	26.6	30.7	23.4	92	87	76	74	94	97	86.7	1.8
16	59.52	59.03	60.09	58.76	59.21	60.12	59.46	23	24.1	28.8	27.7	26.1	24.9	25.8	30.2	22.9	99	97	82	86	85	96	90.8	1
17	58.68	58.59	59.13	57.47	58.17	59.63	58.61	23.7	24.4	30	29.6	25.6	25.5	26.5	32.3	23	99	91	68	77	95	96	87.7	13.7
18	58.98	59.16	59.36	57.08	58.15	59.69	58.74	25.2	25.4	27	30	28.2	25.7	26.9	30.9	24	97	93	83	71	85	94	87.2	2
19	58.72	58.65	58.93	56.77	57.83	59.40	58.38	23.8	23.3	30	30.1	29	25	26.9	31.7	22.5	97	96	77	71	77	94	85.3	------
20	58.68	58.54	59.13	57	57.40	58.81	58.26	24	23	30.5	32.3	29	25.5	27.4	33	22.5	95	96	72	63	83	88	82.8	------
21	58.09	59.04	59.50	57.43	57.69	59.38	58.52	23.3	22.5	30.9	29.5	28.3	25.4	26.6	32.9	21.9	93	96	64	84	82	92	85.2	2
22	58.61	58.05	58.85	56.56	57.87	59.16	58.18	24.2	23.9	30.4	31.6	25.9	24.8	26.8	32.5	22.8	96	94	69	68	92	92	85.2	.8
23	58.50	58.36	58.63	56.21	57.08	58.68	57.91	23.1	22.1	29.6	31.6	25	25.6	26.2	32.4	21.7	97	96	64	62	95	84	83	8.7
24	58.22	58.23	58.97	57.12	58.02	59.25	58.30	24.1	22.8	30	31.2	29.4	26.6	27.4	32.4	22.5	93	97	70	66	76	91	82.2	------
25	58.72	58.78	59.54	57.94	58.21	59.93	58.85	25.2	24.9	30	29.7	28	25.4	27.2	31.1	24.2	94	93	74	73	88	95	86.2	2.3
26	59.92	59.95	59.73	57.88	58.70	60.08	59.38	25.3	25.3	29.9	30	27.2	25	27.1	31.7	23.8	97	94	77	73	90	95	87.7	------
27	59.49	59.29	59.77	58.75	58.66	60.47	59.40	24	23.4	31.1	25.4	24.1	23.5	25.2	32.5	22.8	95	97	66	95	97	97	91.2	29.7
28	59.80	60.01	59.94	58.02	58.15	59.54	59.24	23.1	22.7	30	29.8	28.1	25.9	26.6	31.8	22.1	98	98	66	69	84	89	84	------
29	59.29	58.99	59.30	57.38	58.66	59.97	58.93	23.8	23.9	30.4	31.6	26.6	24.7	26.8	32.7	23.2	98	95	68	62	92	95	85	------
30	59.40	59.28	59.74	57.82	58.94	60.14	59.22	23.1	22.9	30.1	32	26.9	25.4	26.7	33	22.4	99	96	63	66	91	94	84.8	1.5
Mean	58.10	58.04	58.50	56.69	57.45	58.79	57.93	24.8	24.7	29.8	30.1	27.4	25.7	27.1	31.7	23.7	93.5	92.2	72	72.9	85.1	91	84.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	172.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*K.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SE	SE	SE	Calm	20.3	38.4	62	19.5	140.2	8	A.-Cu. E	N.	7	A.-Cu. SE	Cu. W
2	Calm	Calm	SE	SE	Calm	Calm	17.5	40.7	59	13.7	130.9	4	Ci.-S. E	Cu.	7	Ci.-S. EbyN	Cu. W
3	Calm	Calm	Calm	S	Calm	NE	20.6	23.9	42.1	27.7	114.3	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. W
4	Calm	Calm	S	SSE	Calm	Calm	20.3	48	69.2	26.6	164.1	7	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N. W
5	Calm	NE	S	S	S	SE	18.2	67.6	67.4	35.7	188.9	7	Ci.-S. ENE	Cu.-N. SW	10	A.-Cu.	Cu.-N. W
6	Calm	SW	S	S	SW	S	36.2	116.2	110.7	60.2	323.3	7	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. WSW
7	SSW	S	S	S	SW	SW	113.2	123.4	119.1	93.5	449.2	9	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. WSW
8	S	SSW	S	SSW	SSW	SSW	134.8	142.1	144.6	65.8	487.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
9	S	S	S	S	S	Calm	89.6	96.9	98.7	21.5	306.7	10	Ci.-S.	N. SW	10	Ci.-S.	Cu.-N. SW
10	Calm	Calm	S	SE	Calm	Calm	18.5	74.8	71.8	12.4	177.5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. WSW
11	Calm	Calm	S	SE	SE	Calm	22.2	42.1	53.9	19.9	138.1	9	Ci.-S. E	S.-Cu.	10	Ci.-S.	Cu.-N. W
12	Calm	Calm	S	SE	NNW	Calm	12.6	29.2	58.9	18.8	119.5	10	Ci.-S.	Cu.-N.	9	A.-Cu.	Cu. W
13	Calm	Calm	Calm	S	Calm	Calm	14	27.6	43.1	20.3	105	8	A.-Cu. NW	S.-Cu.	9	Ci.-S.	Cu.-N.
14	Calm	Calm	SE	Calm	Calm	Calm	18	41.8	24.3	17.5	101.6	8	A.-Cu. E	Fr.-N.	10	Ci.-S.	Cu.-N.
15	Calm	SSE	E	SE	Calm	Calm	53.9	33.2	38	19	144.1	10	Ci.-S.	Cu.-N.	9	Ci.-S. E	Cu.-N.
16	Calm	Calm	W	NE	Calm	Calm	23.6	31.4	24.6	14.5	94.1	5	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N. NE
17	Calm	Calm	S	SSE	Calm	Calm	23.6	47.8	42.3	14.5	128.2	5	Ci.-S. E	S.-Cu.	9	Ci.-S.	Cu.-N. E
18	Calm	ESE	NW	S	Calm	Calm	20.4	28.4	39.1	14.5	102.4	10	------------	N.	8	Ci.-S.	Cu.-N. E
19	Calm	Calm	S	SSE	Calm	Calm	19.3	35.6	31.2	22.7	108.8	2	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. E
20	Calm	Calm	W	S	Calm	Calm	25.4	40.8	44.3	20.7	131.2	6	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. E
21	Calm	N	NW	N	Calm	Calm	25.9	35.6	43.1	17.7	122.3	4	Ci.	Cu.	9	Ci.-S.	Cu.-N. ENE
22	Calm	Calm	WNW	SE	Calm	Calm	22.8	36.2	45.7	20.7	125.4	5	Ci.	Cu.	9	Ci.-S.	Cu.-N. E
23	Calm	NW	Calm	S	N	NE	21.7	27.7	52.3	39.2	140.9	2	Ci.	Cu.	4	Ci.	Cu. ENE
24	Calm	Calm	E	S	SE	Calm	22.5	33.6	62.8	21.4	140.3	4	Ci.-S.	Fr.-Cu.	5	A.-Cu. E	Cu.
25	Calm	Calm	S	SE	SE	Calm	19	45.7	44.9	17.2	126.8	8	Ci.-S. W	Fr.-N.	9	Ci.-S.	Cu.-N.
26	Calm	Calm	NW	SSE	Calm	Calm	22.7	44.5	41.2	17.9	126.3	9	A.-Cu. E	Cu.-N.	9	Ci.-S.	Cu.-N.
27	Calm	Calm	NW	NNE	Calm	Calm	17.7	31.6	34.8	21.1	105.2	2	Ci.	Cu.	10	Ci.-S.	Cu.-N.
28	Calm	Calm	Calm	NW	Calm	Calm	19.6	35.6	28.4	18.3	101.9	6	Ci.-S. N	Cu.	10	Ci.-S.	Cu.-N. E
29	Calm	Calm	W	E	Calm	NW	20.7	31.7	38	21.4	111.8	3	Ci.-S.	Cu. E	9	Ci.-S.	Cu.-N. E
30	Calm	Calm	WSW	S	Calm	Calm	25.1	37.2	54.5	16.1	132.9	4	Ci.-S. SW	Cu.	8	Ci.-S.	Cu.-N. E
Mean	------	------	------	------	------	------	31.3	49.6	56.3	25.7	163	6.7	------------	------------	8.9	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,889.2	----	------------	------------	----	------------	------------

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, −1.83 mm.]

OCTOBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.38	59.52	59.55	57	58.09	59.31	58.81	23.1	22.6	30.3	30	28.6	25.9	26.8	31.6	22.4	98	97	71	77	87	93	87.2	3.1
2	58.08	57.57	57.83	55.48	56.42	57.20	57.10	24.6	24.5	29.9	28.4	26.4	25.3	26.5	30.8	24.3	96	96	77	83	94	98	90.7	9.6
3	56.51	56.78	57.50	55.05	56.27	57.65	56.63	24.8	24.4	26.4	26.2	26.8	24.9	25.5	28.7	23.5	97	97	91	91	92	100	94.7	66.5
4	56.69	56.72	57.51	55.25	56.26	57.51	56.66	24.1	24.3	27.5	29.6	26.7	25.8	26.3	30.1	23.5	98	97	84	72	91	93	89.2	8.1
5	56.78	56.93	57.10	55.19	56.24	57.45	56.62	24.6	24.4	29.4	28.1	27.8	25.9	26.7	30.5	23.7	97	96	74	88	89	92	89.3	5
6	56.69	56.39	56.82	54.56	55.62	56.63	56.12	24.7	24	26.8	28.8	24.6	25.5	25.7	30.1	23.5	96	98	91	79	98	93	92.5	49.8
7	56.02	55.84	56.38	54.38	55.18	56.65	55.74	25.3	25.2	28.9	29.9	27.2	25.7	27	30.2	24.4	94	94	78	71	86	89	85.3	21.1
8	56.31	56.36	57.64	55.63	56.35	56.71	56.50	25.3	27.4	28.2	28.3	25.8	26	26.8	29.2	24.4	93	84	82	81	92	87	86.5	6.6
9	56.78	56.88	58.02	55.93	56.77	58.15	57.09	26	24.1	29.4	29.9	28.8	26.1	27.4	30.8	23.8	88	97	72	72	78	95	83.7	------
10	57.82	58.14	58.94	56.95	58.12	59.91	58.31	23.8	23	29.6	31.4	28.4	25.7	27	32.3	22.6	97	95	73	70	82	94	85.2	------
11	59.81	59.86	60.18	58.59	59.92	60.50	59.81	24.7	23.7	31.1	29.2	27.6	26.4	27.1	33	23.2	96	94	73	82	86	85	86	------
12	59.79	59.92	60.35	58.17	58.60	58.45	59.21	24.6	23.2	27.9	28.7	27.5	25.6	26.2	29.8	22.9	92	97	82	80	88	95	89	.3
13	57.88	58.22	58.19	56.54	56.71	57.97	57.58	24.7	23.8	29.2	26.2	25	24.2	25.5	30.5	22.9	98	97	78	90	95	97	92.5	14.5
14	57.60	57.55	58.31	56.60	57.74	58.92	57.79	23	22.4	29.3	28.4	27.4	24.9	25.9	31	22.1	98	96	73	78	84	93	87	------
15	58.18	58.18	58.48	57.54	58.22	59.54	58.36	24.2	24.4	29.9	29	26.4	24.4	26.4	31.4	23.3	97	96	75	78	92	91	88.2	------
16	59.09	59.13	59.10	56.77	58.71	59.44	58.71	24.1	24.6	29.4	31.2	27.1	24.9	26.9	32.5	23.3	94	95	75	69	88	96	86.2	21.3
17	59.09	58.58	59.03	56.71	57.32	58.40	58.19	24.1	22.9	30.2	31.6	28	24.9	27	32.7	22.4	97	98	70	68	88	94	85.8	------
18	58.18	58.40	58.66	56.54	56.80	58.47	57.84	23.8	23.2	29.9	27.9	26.9	24.2	26	32.8	22.6	95	96	71	84	93	93	88.7	6.1
19	57.79	57.80	58.59	56.29	57.38	58.93	57.80	23.1	23	30.9	27.9	27.4	24.4	26.1	32.4	22.5	96	96	65	90	92	96	89.2	4.6
20	58.08	58.44	58.88	56.62	57.20	58.61	57.97	24	23.9	30.6	29.9	27	25.4	26.8	32.6	23.4	98	97	72	78	92	93	88.3	1.3
21	57.97	57.78	58.30	56.21	55.84	57.46	57.26	24	23	30.3	27.7	26.4	24.5	26	31.1	22.6	94	95	69	81	90	95	87.3	1.3
22	56.48	56.52	56.77	54.79	54.78	54.49	55.64	24.1	24	25.4	24.5	24	25.4	24.6	26.3	23.5	97	97	97	93	97	94	95.8	24.1
23	53.52	52.92	54.68	53.07	54.15	55.71	54.01	26.9	28.1	28.1	28.6	28.4	27.4	27.9	29	26.1	86	83	83	78	82	86	83	4.6
24	55.31	55.09	55.91	54.02	54.80	56.21	55.22	27.9	28.2	29.1	29.3	27.6	28	28.4	30.5	26.3	81	80	76	82	83	82	80.7	------
25	55.39	55.46	55.75	53.86	54.95	56.50	55.32	28.4	28.4	29.6	29.6	27.2	28.2	28.6	30.7	25.9	78	80	75	79	86	82	80	.3
26	55.79	56.18	56.81	54.92	55.73	57.22	56.11	25.1	26.2	29.9	29.9	29	26.1	27.7	31.3	24.4	97	90	72	76	81	94	85	------
27	56.91	56.76	57.60	55.32	56.07	57.33	56.66	25	24.9	30.5	31.2	29	24.9	27.6	31.9	23.4	98	97	68	67	81	93	84	7.1
28	56.42	56.37	56.63	54.42	54.89	55.94	55.78	25.3	27.8	29.8	29.9	29.6	28.9	28.6	30.5	24.2	93	82	75	75	77	76	79.7	------
29	55.68	55.94	56.88	55.32	56.29	57.83	56.32	28.5	28.4	29	29.9	28.6	28.4	28.8	30.4	27.9	78	78	81	77	76	77	77.8	------
30	57.40	57.49	58.80	56.53	57.35	58.55	57.69	27.9	28.1	29.6	30.4	29.4	26.8	28.7	31.2	26	80	80	77	74	77	89	79.5	------
31	57.92	58.12	58.92	56.75	57.60	59.38	58.12	26.1	26.4	30.4	30.8	28.8	26.2	28.1	31.8	24.8	89	86	72	72	82	90	81.8	.8
Mean	57.27	57.29	57.87	55.84	56.66	57.84	57.13	25	24.9	29.2	29.1	27.4	25.8	26.9	30.9	23.9	93.1	92.3	76.5	78.5	87.1	91.1	86.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	256.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NNW	SE	Calm	Calm	18	34.8	50.1	19.9	122.8	7	Ci.-S.	Cu.	8	A.-Cu. ESE	Cu.
2	Calm	Calm	S	N	NNW	Calm	17.9	40	34.6	22	114.5	8	Ci.-S. EbyS	Cu.	10	Ci.-S.	Cu.-N. NNW
3	Calm	Calm	ESE	Calm	Calm	SE	14.8	47.2	20.6	35.6	118.2	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N.
4	Calm	Calm	Calm	S	Calm	Calm	39.1	25.5	31.1	36.4	132.1	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. W
5	Calm	Calm	SE	SE	Calm	Calm	15.8	43.5	45.9	17.2	122.4	10	Ci.-S.	Cu.-N. W	8	Ci.-S.	Cu.-N.
6	Calm	Calm	E	S	NE	Calm	17.1	43.1	55.7	29.6	145.5	8	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu.-N. SW
7	ESE	ESE	SE	SE	Calm	NE	23.3	52.1	76.9	48.9	201.2	10	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu.-N.
8	E	SSW	S	SE	E	E	77.9	118.1	107	30.4	333.4	10	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N. SW
9	E	Calm	SE	SE	Calm	Calm	21.4	65.8	63.1	17.4	167.7	8	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu. SSW
10	Calm	Calm	N	S	Calm	Calm	19.1	33.8	41.6	16.7	111.2	8	A.-Cu. SEbyE	S.-Cu.	8	Ci.-S. ENE	Cu.
11	Calm	Calm	NW	N	W	Calm	21.4	38.6	32.5	17.5	110	2	Ci.-S.	Cu. ENE	9	Ci.-S.	Cu.-N.
12	Calm	Calm	Calm	S	Calm	SW	17.2	21.1	28.2	18.8	85.3	7	Ci.-S. E	Fr.-Cu.	10	Ci.-S.	Cu.-N.
13	Calm	Calm	SW	ESE	Calm	Calm	15.5	41.6	32.2	16.3	105.6	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
14	Calm	Calm	S	E	Calm	Calm	19.6	45.6	42.6	19.6	127.4	4	Ci.	Cu.-N.	10	Ci.-S.	Cu.-N.
15	Calm	Calm	SE	Calm	Calm	Calm	15.6	36.7	26.8	17.2	96.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
16	Calm	Calm	S	S	NW	Calm	19.5	33.3	42.4	24.7	119.9	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
17	Calm	Calm	Calm	S	Calm	Calm	18.3	35.4	36.8	15.3	105.8	1	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
18	Calm	Calm	NW	SE	Calm	Calm	21.4	28.5	30.4	22.3	102.6	2	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
19	Calm	W	NE	SE	Calm	Calm	19.9	53.6	35.4	19.8	128.7	4	Ci.-S.	Fr.-Cu. ENE	9	Ci.-S.	Cu.-N.
20	Calm	Calm	SW	NW	Calm	Calm	18.8	35.4	40	21.5	115.7	4	Ci.	Cu. ENE	9	Ci.-S.	Cu.-N. ENE
21	Calm	Calm	NW	Calm	Calm	Calm	23	27.6	21.2	20.6	92.4	4	A.-Cu. SSW	S.-Cu.	10	Ci.-S.	Cu.-N.
22	Calm	Calm	Calm	N	Calm	WbyS	12.3	12.6	27.7	51.7	104.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. WNW
23	SW	S	S	S	SSE	SE	163.8	207.8	173.8	137	682.4	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. SSW
24	SSE	SSE	SSE	SE	S	SE	173.3	185.2	153.2	97.9	609.6	10	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N. SSW
25	SbyE	SSE	SSE	SE	Calm	S	135	151.4	90.1	45.9	422.4	10	Ci.-S.	Cu.-N. S	8	A.-Cu.	Cu.-N. SW
26	Calm	S	S	SE	Calm	Calm	17.9	55.7	70.6	15.3	159.5	2	Ci.	Cu. SSW	8	Ci.-S. E	Cu.-N. W
27	Calm	Calm	WSW	W	Calm	Calm	17.5	35.6	49.3	24.4	126.8	9	Ci.	Cu.-N. W	9	Ci.-S.	Cu.-N. WNW
28	Calm	S	SSW	S	SSW	SSW	19.1	83.4	95	119.7	317.2	10	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	Cu.-N. WSW
29	S	SSE	SSW	S	S	SSE	155.1	151.4	158.7	137.4	602.6	8	Ci.-S.	Cu.-N. SSW	10	Ci.-S.	Cu.-N. SSW
30	S	SSE	SE	SE	S	Calm	107.2	142.4	118.8	25.4	393.8	9	A.-Cu. WbyS	Cu.-N. SW	7	A.-Cu. SW	Cu. SSW
31	SE	E	S	SE	Calm	Calm	32.7	75.8	51.7	27.4	187.6	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	42.2	64.6	60.8	37.7	205.3	7.5	------------	------------	9.1	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	6,364.9	----	------------	------------	----	------------	------------

ORMOC.

[$\phi = 11° 00'$ N; $\lambda = 124° 36'$ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

NOVEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.18	59.33	59.16	56.84	58.27	59.40	58.70	24.6	23.7	30.8	31.8	25.6	24.4	26.8	33.3	23.2	96	97	69	70	98	97	87.8	31.2
2	58.62	58.49	58.59	55.88	56.06	55.60	57.21	23.7	21.4	29.8	27.8	26.2	24.9	25.6	31.4	21.1	91	96	71	89	97	95	89.8	91.4
3	53.54	53.90	55.30	53.90	56.33	58.26	55.20	23.5	23.9	27.1	29.6	29	28.9	27	30	22.8	99	97	83	76	85	81	86.8	17
4	58.11	59.15	60.22	57.53	58.68	59.98	58.94	27.1	27	30.9	32.4	29.6	27.2	29	33.5	24.7	90	87	67	59	75	82	76.7	------
5	59.69	59.37	59.30	57.54	58.31	58.84	58.84	24.2	23.9	30.3	26.6	24.6	24.5	25.7	32.9	23.1	95	94	72	86	95	95	89.5	15
6	58.12	58.28	58.94	56.59	57.60	58.99	58.09	23.1	22.3	29.9	31.1	26.6	23.4	26.1	31.9	22	97	97	69	64	90	94	85.2	8.1
7	57.98	58.24	58.46	56.71	57.55	58.81	57.96	22.8	22.3	29.9	29.9	26.4	24	25.9	32.1	21.4	94	96	66	75	86	96	85.5	.8
8	58.12	58.25	58.93	57.07	58.02	58.65	58.17	22.9	22.4	29.9	30	25.8	25.3	26	31.5	22.1	95	96	69	77	95	93	87.5	4.1
9	58.22	58.60	58.48	56.19	57.22	57.51	57.70	23.4	23	29.4	26.6	24.8	24.5	25.3	30.9	22	96	97	74	91	97	97	92	34.3
10	56.86	57.14	58.41	56.54	57.02	58.26	57.37	24	24.4	25.3	27.9	26.9	24.4	25.5	28.5	23.2	92	96	97	79	84	92	90	17.5
11	57.98	58.48	59.19	57.69	58.64	59.37	58.56	23.4	23.3	28.3	28.1	27	23.9	25.7	31.5	22.7	93	96	77	77	91	96	88.3	.3
12	58.79	59.02	59.27	57.13	58.75	59.99	58.82	22.8	23.2	29.6	31.4	26.7	25.4	26.5	32.4	22.4	98	97	75	67	94	96	87.8	6.1
13	59.50	59.86	60.27	58.31	58.90	60.21	59.51	23.5	22.9	30	30	26.9	25.1	26.4	32.2	22.4	98	97	73	80	88	94	88.3	2.1
14	59.82	60.15	60.93	58.47	59.35	60.74	59.91	23.2	22.4	29.4	29.8	26.9	24.4	26	31.8	21.9	96	96	72	78	81	92	85.8	1.8
15	60.10	60.27	60.50	58.29	58.56	59.47	59.53	23.1	22.9	30	26.6	27.2	24.5	25.7	31.6	21.4	94	94	67	90	82	94	86.8	3.3
16	58.81	58.97	59.43	57.38	58.45	59.22	58.71	23.9	22.9	29.4	27.4	25.9	23.4	25.5	31.3	22.6	92	96	68	87	92	94	88.2	11.7
17	58.30	58.59	59.04	56.58	57.90	59.15	58.26	22	21	28.5	31	26.8	25.2	25.8	31.7	20.8	96	97	73	69	92	95	87	1.8
18	58.90	59.58	60.50	58.69	58.84	60.51	59.50	23.4	23.9	28.4	30	26.4	23.4	25.9	30.8	22.8	98	97	69	66	80	89	83.2	3
19	59.30	59.88	60.40	58.23	59.40	60.44	59.61	22.3	22.2	30.4	32.6	28.5	25.4	26.9	33	21.4	95	93	58	53	67	81	74.5	------
20	59.92	59.59	60.03	57.71	58.09	59.23	59.10	23	23.9	30.5	30.7	27.6	25.2	26.8	32.1	22.4	91	88	67	71	87	85	81.5	.8
21	58.59	58.63	59.12	56.78	57.88	58.18	58.20	24.2	23.7	30	30	24.7	24.4	26.2	32	23.4	91	93	67	70	93	95	84.8	1.3
22	57.21	56.88	58.25	56.26	57.07	58.19	57.31	24	23.9	29.5	27.4	26.6	24.5	26	31.6	23.4	95	95	75	87	79	95	87.7	3
23	57.40	57.65	57.70	55.96	56.62	57.73	57.18	23.5	22.9	30.2	26	26.5	24.1	25.5	31.5	22.4	96	96	73	94	90	95	90.7	22.1
24	56.94	56.86	57.90	55.57	56.28	57.07	56.77	23.2	22.4	28.7	31	27.8	25.4	26.4	31.8	21.9	93	96	78	69	85	94	85.8	------
25	56.21	56.74	57.28	55.42	56.11	57	56.46	23.8	22.9	29.2	29.1	27.8	24.9	26.3	32	22.4	98	98	78	77	88	92	88.5	------
26	55.88	56	56.64	54.46	56.54	57.10	56.10	23.9	22.9	30.4	32.1	26.4	24.6	26.7	32.8	22.5	94	97	70	68	90	94	85.5	------
27	57.02	57.35	57.83	55.26	55.88	57.41	56.79	23.6	22.9	30.1	31.8	28.6	27.4	27.4	32.7	22.6	97	97	74	66	86	78	83	.3
28	56.79	57.23	57.85	55.76	57.05	57.87	57.09	24	22.6	30	31.9	27.3	24.9	26.8	32.5	22.3	94	97	69	66	88	93	84.5	------
29	57.68	57.83	58.49	56.59	57.94	59.06	57.93	24.1	23.4	29.4	30.1	27.8	24.8	26.6	31.4	22.9	94	95	74	71	83	96	85.5	------
30	58.37	58.35	58.89	57.28	58.17	59.32	58.40	23.5	22.9	29.9	26.8	25.9	24.5	25.6	32.1	22.6	97	95	69	90	92	97	90	7.4
Mean	58.06	58.29	58.84	56.75	57.72	58.72	58.06	23.6	23.1	29.5	29.6	26.8	24.9	26.3	31.8	22.4	94.8	95.4	72.1	75.4	87.7	92.2	86.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	284.4

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.			
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.	
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*			
1	Calm	Calm	W	SE	Calm	Calm	16.1	31.9	59.7	21.4	129.1	6	Ci.-S. N	Cu.	8	Ci.-S.	Cu.-N. NEbyE	
2	Calm	Calm	NNW	SE	NW	Calm	22.7	31.9	38.4	20.7	113.7	4	Ci.-S. E	S.-Cu.	10	Ci.-S.	Cu.-N. N	
3	N	Calm	SSW	SSE	SE	SSE	38.8	112.1	183.4	144.8	479.1	10	Ci.-S.	N. WSW	10	Ci.-S.	Cu.-N. SW	
4	ESE	ESE	S	S	Calm	Calm	46.1	45.6	40.5	26.6	158.8	7	Ci.-S.	Cu.	5	Ci.-S. E	Cu.	
5	Calm	Calm	S	NNW	NW	Calm	25.1	31.6	40.4	24.9	122	3	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.	
6	Calm	Calm	NW	W	Calm	Calm	20.9	33.6	36	23	113.5	2	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. E	
7	W	Calm	WSW	NNW	Calm	Calm	25.7	34.3	51	16.3	127.3	3	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. ESE	
8	Calm	Calm	SW	SSE	NNE	Calm	20.6	34.9	42	17.4	114.9	4	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. E	
9	Calm	Calm	S	Calm	N	Calm	17.5	34.8	25.1	33.2	110.6	7	A.-Cu. N	S.-Cu.	10	Ci.-S.	Cu.-N. NNW	
10	Calm	ENE	S	SE	Calm	ESE	23.6	40	61.4	28.5	153.5	10	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N. S	
11	Calm	Calm	Calm	Calm	Calm	Calm	19.8	21.5	37.3	17.4	96	8	Ci.-S.	Cu.-N. SSE	10	Ci.-S.	Cu.-N.	
12	S	Calm	SW	S	Calm	Calm	20.9	38.4	35.2	17.4	111.9	6	A.-Cu. E	S.-Cu.	8	Ci.-S.	Cu.-N. E	
13	Calm	N	SSW	S	Calm	Calm	19.8	37	44	14.3	115.1	7	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.-N. E	
14	Calm	Calm	Calm	SW	Calm	NE	19.6	24.6	35.4	21.4	101	4	A.-Cu. E	S.-Cu.	8	Ci.-S. E	Cu.-N. E	
15	Calm	Calm	WNW	N	Calm	N	21.7	35.2	31.1	27.7	115.7	1	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. ENE	
16	Calm	Calm	NW	SE	Calm	Calm	23	32.2	33.8	17.2	106.2	4	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E	
17	Calm	Calm	W	S	Calm	Calm	19.6	31.1	42.4	17.9	111	2	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. ENE	
18	Calm	Calm	S	S	Calm	Calm	19.3	31.9	44.6	18.3	114.1	10	Ci.-S.	Cu.-N. ENE	9	Ci.-S.	Cu.-N. NE	
19	Calm	Calm	ENE	E	NE	Calm	20.7	40.4	46.7	35.2	143	1	Ci.-S.	S.-Cu.	5	Ci.	Cu. ENE	
20	Calm	Calm	W	S	Calm	Calm	17.1	37.3	47.8	21.5	123.7	5	Ci.	Cu. ENE	8	Ci.-S.	Cu.-N. ENE	
21	Calm	Calm	NNW	Calm	Calm	Calm	17.5	35.2	34.8	15.5	103	7	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. ENE	
22	Calm	Calm	Calm	Calm	E	Calm	14.5	34	29.5	17.1	95.1	9	Ci.-S. SW	Cu. NEbyE	10	Ci.-S.	Cu.-N. ENE	
23	N	Calm	NW	Calm	Calm	Calm	18.3	33.8	23.1	14.3	89.5	7	Ci.-S. W	Cu.	10	Ci.-S.	Cu.-N.	
24	Calm	Calm	SE	S	S	Calm	18	29.2	46.4	16.9	110.5	4	Ci.-S. SW	Cu.	5	Ci.-S.	Cu.	
25	Calm	Calm	S	E	Calm	Calm	15.9	27.9	38	17.7	99.5	5	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.	
26	Calm	Calm	N	SW	NW	Calm	21.7	28.8	49.6	22.7	122.8	5	Ci.	Cu.	9	Ci.-S.	Cu.-N.	
27	Calm	Calm	NW	S	Calm	NE	20.4	36.2	26.2	27.7	110.5	5	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E	
28	Calm	Calm	W	S	Calm	Calm	23.8	37.6	39.9	19	120.3	1	Ci.	Cu.	9	Ci.-S.	Cu.-N. E	
29	Calm	Calm	W	S	Calm	Calm	19.3	33.3	36.4	15.8	104.8	7	Ci.-S. W	S.-Cu.	9	Ci.-S.	Cu.-N. ENE	
30	Calm	Calm	W	Calm	Calm	Calm	17.1	34.9	43	19.9	114.9	4	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. NEbyE	
Mean	------	------	------	------	------	------	21.5	36.4	44.8	25.1	127.7	5.3	------------	------------	8.6	------------	------------	
Total	------	------	------	------	------	------	-----	-----	-----	-----	3,831.1	----	------------	------------	----	------------	------------	

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, −1.83 mm.]

DECEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.49	58.37	59.33	56.79	58.42	59.18	58.43	23.7	23.8	29.6	29.8	26	24.9	26.3	31.1	22.9	94	95	73	75	94	94	87.5	6.1
2	58.48	58.52	59.38	56.73	57.84	58.71	58.28	24.1	22.9	28.2	29.3	26.8	24.9	26	30	22.6	96	97	82	72	81	96	87.3	2.1
3	57.92	57.83	58.55	56.88	57.36	58.56	57.85	23.5	22.8	27.5	29	26.5	25.4	25.8	30.8	22.4	99	96	84	71	88	92	88.3	1
4	57.32	57.14	58.45	56.69	57.64	58.79	57.67	25	24.4	27.1	27.1	24.9	23.9	25.4	28.7	22.9	93	97	81	75	89	91	87.7	1.5
5	56.68	56.33	56.50	53.87	54.38	54.63	55.40	23.3	23.8	27.2	25.5	24.8	24	24.8	27.9	22.6	91	97	81	92	92	96	91.5	82.6
6	52.34	52.85	53.86	52.31	51.68	53.30	52.72	23.4	23.7	24.6	24.6	24.4	27.6	24.7	28.2	22.9	100	97	93	92	91	76	91.5	53.8
7	52.35	54.10	55.79	54.08	55.04	56.38	54.62	27.6	28.4	29.2	29	28.6	28	28.5	29.6	26	76	70	72	78	78	80	75.7	2.5
8	55.99	56.93	57.33	55.38	56.83	57.83	56.72	27	25.4	29.4	30	28.5	26	27.7	30.8	24	81	84	71	67	81	84	78	------
9	57.11	57.42	58.09	55.69	57.33	57.88	57.25	23.9	23.4	29.9	28.1	25.4	23.9	25.8	31.3	22.8	93	96	73	85	95	96	89.7	4.4
10	57.33	57.84	57.68	56.61	57.18	58.03	57.44	22.8	23.4	27.4	26.3	26.3	24.9	25.2	29.8	22.4	99	98	80	84	91	92	90.7	1.3
11	57.39	57.65	58.09	56.33	57.23	58.61	57.55	23.2	23.8	28	28.4	25.6	23.9	25.5	30.1	22.4	97	94	80	77	94	96	89.7	8.9
12	58.02	58.31	58.74	56.11	56.88	58.30	57.73	22.6	22.4	28.9	30.1	27.4	25.4	26.1	30.4	21.9	98	97	80	67	87	93	87	------
13	57.49	57.70	58.29	55.67	56.78	58.17	57.35	24.6	22.9	29.4	30.1	28	25.9	26.8	31.6	22.7	92	97	72	74	82	93	85	------
14	57.62	58.02	58.53	56.30	57.51	58.70	57.78	24.4	24	28.6	28.8	26.9	25.2	26.3	31.9	23.5	95	95	73	80	84	95	87	1.8
15	57.98	58.27	58.76	56.51	57.67	58.77	57.99	23.5	22.5	28.5	31.2	25.6	24.3	25.9	31.6	22.2	98	96	78	67	95	93	87.8	14.5
16	58.49	58.83	59.23	57.14	58.16	59.22	58.51	23.3	22.9	29.4	30	24.5	24.3	25.7	31.8	22.2	97	95	74	77	95	97	89.2	22.9
17	58.49	58.89	59.50	56.91	58.08	59.05	58.49	22.9	21.7	29.5	31.4	28.2	26.8	26.8	32	21.4	98	98	68	66	76	72	79.7	------
18	58.79	58.68	59.70	57.45	59.13	59.26	58.84	24.3	23.9	28.8	29.4	26	24.5	26.2	30.9	23.2	89	91	73	78	89	95	85.8	33.3
19	58.91	58.90	59.94	58.03	58.78	59.98	59.09	24.6	23.5	28.4	29.6	27.6	25.6	26.6	30.4	23.1	92	94	77	76	79	93	85.2	------
20	59.79	59.77	60.68	58.63	59.33	60.59	59.80	24	24.1	29.6	29.1	27.6	25.9	26.7	30.7	23.7	96	94	77	76	79	94	86	------
21	59.49	59.56	60.74	58.89	59.10	59.13?	59.48	25.1	24.4	28.9	25.7	25.6	24.9	25.8	30.2	23.5	97	96	73	94	94	96	91.7	19.1
22	58.81	58.79	59.96	57.60	58.39	59.03	58.76	24.1	24	26.9	29	26.6	25.5	26	30.1	23.4	97	95	86	80	90	91	89.8	.3
23	58.22	58.42	60.03	58.05	58.66	59.48	58.81	24.8	24.4	26.3	25.6	24	25.8	25.2	27.2	23.6	94	96	85	81	98	78	88.7	11.5
24	58.58	58.55	59.36	58.31	58.53	59.13	58.74	24.3	24.6	28.6	25	25	24.6	25.4	29.2	22.9	89	88	75	99	83	92	87.7	19.1
25	58.42	58.28	59.28	57.25	58.26	58.68	58.36	24.3	24.2	25.2	26.4	26	25.4	25.2	27.4	23.5	95	97	98	90	92	93	94.2	1.3
26	58.49	58.64	59.32	56.91	58.16	58.07	58.26	24.4	24.4	26.9	28.6	26	24.5	25.8	29.3	23.7	97	97	92	85	97	97	94.2	17.6
27	57.92	57.85	58.17	55.57	57.12	57.32	57.32	23.9	23.4	28.1	29.2	26.3	24.5	25.9	30.8	22.9	97	97	82	78	94	97	90.8	.5
28	56.34	57.13	57.80	55.31	56.65	57.81	56.84	23.4	23	28.9	31.4	28.4	23.9	26.5	32.7	22.4	97	97	76	66	73	89	83	------
29	57.19	57.18	58.21	56.03	57.74	59.11	57.58	22.4	22.3	28.7	31.1	28.8	25.4	26.4	31.8	21.4	97	96	75	65	78	92	83.8	------
30	58.18	58.52	59.59	56.73	58.84	59.26	58.52	23.8	22.5	28.9	31.4	26.4	25.3	26.4	32.2	21.9	94	95	72	67	90	97	85.8	2.8
31	58.51	58.52	59.59	57.24	57.92	58.03	58.30	24.8	24.9	27.2	26.7	24.7	24.7	25.5	27.7	23.2	94	93	86	90	92	94	91.5	18.3
Mean	57.65	57.86	58.66	56.52	57.50	58.35	57.76	24.1	23.7	28.2	28.6	26.4	25.2	26	30.3	22.9	94.3	94.4	78.8	78.2	87.8	91.4	87.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	327.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	ENE	SW	Calm	Calm	15	30.4	30.8	20.9	97.1	9	Ci.-S.	Cu.-N. ENE	8	Ci.-S.	Cu.-N.ENE
2	Calm	Calm	Calm	SE	Calm	Calm	20.4	37.6	36.7	13.5	108.2	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.ENE
3	Calm	Calm	NW	NE	Calm	Calm	18.2	22.5	37.3	14	92	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. NEbyE
4	Calm	Calm	Calm	NW	Calm	Calm	19.5	15.3	29.8	15.5	80.1	8	A.-Cu.	Cu.-N. NNE	10	Ci.-S.	Cu.-N.
5	Calm	Calm	NW	NW	NW	WNW	12.3	29.6	68.2	70.6	180.7	10	Ci.-S.	Cu.-N. N	10	Ci.-S.	Cu.-N.NNW
6	WNW	WbyS	WSW	WSW	WNW	SSW	135.9	131.2	99	130	496.1	10	Ci.-S.	Cu.-N. WbyN	10	Ci.-S.	Cu.-N. W
7	SSE	SSE	SSE	SE	SE	SE	205.2	211.1	184.8	172.7	773.8	10	Ci.-S.	Cu.-N. SSW	10	Ci.-S.	Cu.-N. SSW
8	SEbyS	ESE	SE	SE	SSE	NE	101.4	78.4	68.6	29	277.4	9	A.-Cu.	S.-Cu.	8	A.-Cu. S	Cu.
9	Calm	Calm	E	Calm	Calm	Calm	17.1	28.2	43.2	14.2	102.7	7	A.-Cu.	Cu.	8	Ci.-S.	Cu. E
10	Calm	Calm	N	Calm	Calm	Calm	19.5	19.9	25.5	18.3	83.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
11	Calm	Calm	W	E	Calm	Calm	18.5	29.2	40.8	17.2	105.7	8	Ci.-S. E	S.-Cu.	10	Ci.-S.	Cu.-N.
12	Calm	Calm	SE	SEbyS	Calm	Calm	19.8	33.8	47.2	22	122.8	8	Ci.-S.	Cu.-N.SSE	2	Ci.	Cu.
13	Calm	Calm	NE	S	Calm	Calm	16.4	29	52.9	15.5	113.8	7	Ci.-S. ESE	S.-Cu.	5	Ci.-S. EbyS	Cu.
14	Calm	Calm	Calm	Calm	NNW	Calm	15.6	27.6	42.6	18.7	104.5	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
15	Calm	Calm	NW	SSW	Calm	Calm	17.9	31.9	39.9	16.4	106.1	8	Ci.-S. E	Cu.	8	Ci.-S.	Cu.-N. E
16	Calm	Calm	W	Calm	Calm	Calm	21.5	29.5	52.5	23.5	127	7	Ci.-S. E	S.-Cu.	7	Ci.-S.	Cu.-N. E
17	Calm	NW	NW	SW	Calm	NE	22.2	37.5	36.2	41	136.9	4	Ci.-S.	Cu. E	4	Ci.	Cu. E
18	Calm	Calm	Calm	WSW	S	Calm	23	31.4	32.8	29.5	116.7	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
19	Calm	Calm	E	SSE	Calm	Calm	23.3	30.6	49.3	14.3	117.5	7	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. E
20	Calm	Calm	N	NW	Calm	Calm	21.2	32.2	51.5	16.3	121.2	7	Ci.-S. E	Cu.-N.	10	Ci.-S.	Cu.-N. ENE
21	Calm	Calm	W	Calm	N	Calm	17.4	29	32.4	17.2	96	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. ENE
22	Calm	Calm	NNW	NW	Calm	Calm	16.9	42.4	32.8	22	114.1	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. ENE
23	Calm	N	N	E	Calm	NE	23.5	45.6	34.8	28	131.9	9	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Cu.-N. ENE
24	N	NE	NNE	Calm	NE	Calm	32.8	42.3	22	33.2	130.3	7	A.-Cu.	Cu.-N. E	10	Ci.-S.	N. E
25	Calm	Calm	Calm	NW	Calm	NW	19.1	16.3	30.1	19.3	84.8	10	Ci.-S.	Cu.-N. NEbyE	10	Ci.-S.	Cu.-N. ENE
26	Calm	Calm	Calm	NW	Calm	Calm	17.5	18.5	23.5	16.1	75.6	9	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. NEbyE
27	Calm	Calm	NW	S	Calm	Calm	12.1	29.3	44.9	13.7	100	6	Ci.-S. E	Cu.-N.	7	Ci.-S. E	Cu.-N.
28	Calm	Calm	SSW	S	E	Calm	20.9	38.3	56	20.6	135.8	6	Ci.-S.	Cu.-N. E	4	Ci.	Cu. E
29	Calm	Calm	Calm	S	Calm	Calm	20.7	23.5	45.4	17.5	107.1	5	Ci.-S.	S.-Cu.	4	Ci.	Cu. E
30	Calm	Calm	S	S	Calm	Calm	14.3	28.4	48.1	14.8	105.6	7	Ci.-S.	Cu.	7	Ci.-S. E	Cu. NEbyE
31	NE	Calm	Calm	Calm	N	Calm	18.5	14.5	35.2	18.3	86.5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. ENE
Mean	------	------	------	------	------	------	31.5	40.2	47.6	30.1	149.4	8.2	------	------	8.4	------	------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,631.2	-----	------	------	-----	------	------

TACLOBAN.

[φ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied,

JANUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.21	60.79	61.39	59.20	59.90	60.61	60.35	24.1	23.4	28.8	30.2	26.9	25.4	26.5	31	22.9	89	93	72	70	85	90	83.2	1.9
2	60.18	60.78	61.31	59.43	60.39	60.90	60.50	25.2	24.5	28.9	31	27	25.1	27	32.6	23.9	90	92	77	65	78	88	81.7	------
3	59.88	60.51	61.43	59.73	61.17	61.91	60.77	24.1	24.2	27.3	26	24.7	23.8	25	28	23.2	92	93	82	90	90	93	90	40
4	60.72	61.73	62.15	60.34	61.88	62.23	61.51	24	24	28.1	27.9	25.5	24.8	25.7	31	23.2	95	93	78	84	93	95	89.7	4.3
5	61.07	62.07	62.24	60.05	60.93	61.66	61.34	24	24	28.6	27	26	25	25.8	30.5	23.3	97	96	77	92	94	93	91.5	11.8
6	60.75	61.68	62.42	59.80	60.35	61.25	61.04	24.4	24.6	24.5	26.4	26.3	23.1	24.9	27.1	22.3	97	97	96	89	90	96	94.2	26.3
7	60.19	60.59	61.57	59.09	60.25	60.95	60.44	23.6	23	28	30.9	27	24.5	26.2	31.6	22.2	97	98	78	66	83	87	84.8	------
8	59.72	60.71	61.53	59.15	60.22	61.37	60.45	22.5	23.5	28.5	30.9	26.8	25	26.2	31.9	22	96	96	77	70	90	92	86.8	11.2
9	59.96	61.02	62.03	59.74	60.93	61.97	60.94	24	24.5	26.5	27	25.5	24.5	25.3	29.5	22.8	93	92	92	89	94	97	92.8	83.2
10	60.89	61.57	63.02	60.41	61.57	62.51	61.66	24.4	24	25	28.5	26	24.5	25.4	29.1	23.3	95	97	95	80	92	96	92.5	63.8
11	61.10	62.63	63.82	61.10	62.06	62.80	62.25	24.4	23.5	25.9	30.4	26.4	23.5	25.7	31.2	22.2	97	96	85	66	79	91	85.7	.3
12	61.43	62.15	63.05	60.38	61.93	63.18	62.02	23	21.9	26.5	30.4	25.7	22.8	25	30.9	21.3	97	96	69	53	74	88	79.5	------
13	61.98	62.59	63.52	61.51	62.68	63.37	62.61	22.4	23.5	25	27	25.1	24.4	24.6	28.9	21.5	89	90	88	80	86	87	86.7	1.9
14	61.96	62.27	63.72	61.35	62.15	62.90	62.39	24.2	24.5	25.8	28.6	25.4	23.5	25.3	29.5	22.7	86	82	85	70	84	94	83.5	8.1
15	61.87	62.52	63.52	61.41	62.36	63.36	62.51	24.1	24.1	27.9	29	25	25	25.8	29.3	22.9	86	82	68	58	71	72	72.8	------
16	62.47	63.08	64.01	62.45	63.15	63.74	63.15	24.2	24	28	27.7	25.4	25.3	25.8	29.6	23.2	78	80	70	72	84	83	77.8	.9
17	62.46	63.29	64.70	62.13	62.96	63.63	63.20	24.7	24.9	24.4	25.5	25	23.5	24.7	26.6	23	86	84	91	81	87	96	87.5	11.4
18	62.72	63.64	64.41	62.31	62.87	63.11	63.18	23.5	23	23.5	26.5	25	24.3	24.3	28	22.4	94	95	96	79	85	86	89.2	20.1
19	61.97	62.16	62.73	60.41	61	62.01	61.71	23.4	23.7	27.2	30	26.5	25.4	26	30.4	22.1	93	94	81	65	80	87	83.3	.3
20	60.98	61.17	61.36	58.95	60.40	61.32	60.70	23.5	23.4	28	29.5	26	25	25.9	31.5	22.5	96	97	74	72	84	88	85.2	1
21	60.01	61.11	61.67	60.10	61.21	62.03	61.02	24.6	24	27.8	26.4	25	24.6	25.4	30.1	23.2	90	95	80	92	92	93	90.3	15.1
22	60.71	61.77	62.90	60.49	61.71	62.61	61.70	24.1	23.5	28.9	29	26.8	23.6	26	30.5	22	96	96	75	71	71	93	83.7	.3
23	61.19	61.65	62.42	60.56	60.92	62.06	61.47	21.4	19.5	28.5	29.4	25.1	21.3	24.2	30.4	19	100	100	66	62	79	90	82.8	------
24	60.99	61.38	62.08	59.60	60.62	62.45	61.19	22	21.9	27.5	29.4	26.1	22.5	24.9	31	20.5	95	94	74	68	70	91	82	------
25	61.73	62.53	63.45	61.30	61.66	62.61	62.21	20.1	19.5	28	28.7	24.3	21.5	23.7	29.6	19.2	94	95	65	59	77	88	79.7	------
26	61.98	62.34	63.06	60.67	61.35	62.03	61.90	20.5	20.8	27	28.6	26.3	25	24.7	30	19	91	93	64	66	79	83	79.3	------
27	61.06	61.56	62.28	59.98	60.54	61.61	61.17	24.4	22.4	28.5	30.6	26.4	23.9	26	31.5	21.8	88	93	64	62	81	88	79.3	------
28	60.24	60.59	61.58	59.98	60.57	61.53	60.75	24	23.5	27.4	26.5	26.4	24.5	25.4	29.9	22.6	93	93	74	84	84	87	85.8	3.8
29	60.86	61.69	62.82	60.80	60.91	61.75	61.47	23	22.5	28.3	30.5	26.5	23.5	25.7	31.2	21.9	94	96	73	55	66	86	78.3	------
30	60.86	61.29	62.17	60.25	61.20	62.33	61.35	23	22.2	29.5	31	26.9	23	25.9	32	21.8	90	94	65	52	69	90	76.7	------
31	61.71	61.96	62.60	61.01	61.51	62.15	61.82	23.5	22	29.6	28	26.9	22.6	25.4	31	20.9	90	96	67	74	73	92	82	------
Mean	61.09	61.77	62.61	60.44	61.33	62.19	61.57	23.5	23.2	27.3	28.7	25.9	24	25.4	30.2	22.1	92.4	93.2	77.4	72.1	82.1	89.7	84.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	305.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	WNW	2	WNW	1	NW	1	E	1	ENE	1	Calm	----	4	Ci. SE	S.-Cu.	10	A.-Cu.	Cu.-N.ENE
2	WNW	1	Calm	----	NW	1	SE	1	E	1	Calm	----	10	----------	N. E	5	Ci.	Cu. E
3	Calm	----	WNW	1	WNW	1	Calm	----	WNW	1	NW	1	10	Ci.-S.	S.-Cu. E	10	----------	N. ENE
4	WNW	2	W	1	NNW	1	Calm	----	Calm	----	Calm	----	10	A.-Cu. ESE	S.-Cu. E	10	A.-Cu.	N. E
5	WNW	1	Calm	----	Calm	----	S	1	Calm	----	Calm	----	10	Ci.-S.	N.-cf. E	10	----------	N. E
6	Calm	----	Calm	----	Calm	----	S	1	Calm	----	Calm	----	10	Ci.	N. ESE	10	Ci.-S.	Fr.-N.ESE
7	Calm	----	WNW	1	Calm	----	SE	2	SSE	1	Calm	----	2	Ci.	S.-Cu.	2	----------	Fr.-Cu.
8	Calm	----	WNW	1	WNW	1	E	2	SSE	1	WNW	1	1	----------	S.-Cu.	7	A.-Cu.	Cu.-N.NE
9	WNW	2	WNW	2	NW	1	SE	2	Calm	----	Calm	----	10	----------	S.-Cu.ENE	10	----------	N.
10	Calm	----	E	1	Calm	----	E	1	Calm	----	Calm	----	10	----------	N.	8	A.-Cu.	Cu.-N. E
11	Calm	----	Calm	----	E	2	SE	1	E	2	Calm	----	6	Ci.-S.	Cu.	10	Ci. SE	Cu. NNE
12	WNW	1	WNW	1	W	1	E	1	Calm	----	Calm	----	5	Ci.	S.-Cu. NE	4	----------	Cu. NE
13	WNW	1	NW	2	W	1	E	1	ENE	2	NW	2	10	----------	S.-Cu.ENE	10	----------	N. NE
14	NW	2	NW	2	NW	2	NW	2	E	2	Calm	----	10	Ci.-S.	S.-Cu. E	10	----------	Cu.-N.NE
15	NW	2	NW	2	E	3	E	3	NW	1	NW	2	9	Ci.	S.-Cu.ENE	7	Ci.-S.	Cu. NE
16	NW	2	NW	2	SE	2	E	3	NW	1	WNW	1	10	----------	S.-Cu. NE	10	Ci.-S.	Cu.-N.ENE
17	WNW	2	NW	2	ESE	1	E	2	ESE	2	NW	1	10	----------	Cu.-N.ENE	10	----------	N. NE
18	NW	1	NW	1	SE	2	ESE	2	E	1	Calm	----	10	----------	N. ENE	10	A.-Cu. ENE	Cu.-N. NE
19	WNW	1	NW	2	WNW	1	ESE	2	ESE	1	Calm	----	10	----------	S.-Cu. E	8	Ci.	Cu.-N.ENE
20	WNW	1	WNW	1	WNW	1	ESE	2	E	1	NW	2	10	Ci.	S.-Cu. E	10	----------	N. NE
21	NW	1	Calm	----	NW	2	ESE	1	Calm	----	Calm	----	10	----------	N. ENE	10	----------	N. ESE
22	NW	1	Calm	----	Calm	----	SSE	2	E	1	Calm	----	4	Ci.	Cu.	6	----------	Cu.-N.ENE
23	Calm	----	Calm	----	Calm	----	SE	2	Calm	----	Calm	----	3	Ci.	Cu.	2	Ci.	Cu. E
24	NW	1	WNW	1	WNW	1	SSE	3	E	1	Calm	----	1	Ci.	Cu.	2	----------	Cu. E
25	Calm	----	Calm	----	SE	1	SE	2	S	1	Calm	----	2	----------	S.-Cu. E	1	----------	Fr.-Cu.
26	Calm	----	NW	1	Calm	----	SE	1	E	1	NW	1	0	----------	----------	10	----------	S.-Cu. E
27	NW	1	Calm	----	E	1	SSE	2	Calm	----	Calm	----	2	Ci.-Cu.	Cu. E	1	----------	Fr.-Cu. E
28	Calm	----	WNW	1	NW	1	SSE	2	Calm	----	Calm	----	10	----------	S.-Cu. E	10	----------	Cu.-N. E
29	Calm	----	WNW	1	Calm	----	ESE	2	E	2	Calm	----	4	----------	Cu. NE	7	Ci.	Cu. ENE
30	WNW	2	WNW	1	E	2	ESE	1	E	2	Calm	----	1	----------	S.-Cu.	4	----------	Cu. E
31	NW	1	Calm	----	SE	1	SE	3	ESE	1	Calm	----	2	----------	Cu. E	8	----------	S.-Cu. E
Mean	-------	0.9	-------	0.9	-------	1	-------	1.6	-------	0.9	-------	0.4	6.6	----------	----------	7.5	----------	----------

TACLOBAN.

[φ=11° 15′ N ; λ=125° 00′ E ; barometer above sea, 3.4 meters ; gravity correction not applied,

FEBRUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.67	62.43	63.15	61.01	61.55	62.43	62.04	23.3	23	29.3	30.5	27	23	26	31.6	22.1	93	96	69	65	65	87	79.2	------
2	61.29	62.04	62.46	60.43	60.41	61.02	61.28	22.7	22	27.8	29.6	26.2	22.5	25.1	30.8	20.4	90	95	67	63	72	87	79	------
3	59.99	60.34	61.38	59.44	60.31	61.07	60.42	21.7	21.4	27	31.2	26.4	25.5	25.5	32	20.5	92	95	70	50	76	76	76.5	------
4	60.31	60.73	61.47	59.40	60.32	61.46	60.62	22.2	22.6	28.5	30	26.2	24.5	25.7	30.8	21.5	91	95	70	56	73	81	77.7	------
5	60.66	61.43	62.32	60.05	60.72	61.47	61.11	22.5	22.1	27.5	27.8	24.5	24.5	24.8	29.9	20.2	94	96	69	75	93	94	86.8	2.7
6	60.62	61.19	62	59.64	60.26	61.66	60.90	24	23.5	28	29.9	26.8	24	26	30.3	20.4	95	96	76	64	64	86	80.2	------
7	60.39	61.05	62.42	60.25	60.78	61.87	61.13	21	21.2	28.8	29	26.2	21.6	24.6	30.7	18.6	95	97	64	67	72	90	80.8	------
8	61.04	61.93	62.55	60.39	60.90	62.08	61.48	22	19.4	29	30	26.3	23.1	25	30.6	19	94	94	68	64	79	87	81	------
9	61.18	61.74	63.10	60.64	60.85	61.82	61.56	22	21.5	29	30.4	26.8	21.6	25.2	31.2	20.5	96	95	67	60	64	89	78.5	------
10	60.54	60.92	62.08	59.80	60.15	60.57	60.68	22.5	22	29.2	28.3	26.9	25.2	25.7	30.5	19.8	93	96	67	70	76	83	80.8	------
11	59.66	59.57	60.60	59.03	59.75	60.90	59.92	23.4	22.6	28.8	29	27.4	25.3	26.1	31.5	21.3	88	95	69	68	67	77	77.3	------
12	60.05	60.12	60.75	59.06	59.62	60.76	60.06	24.2	22.5	29.5	30.8	27.3	24.4	26.4	32.2	22	86	96	66	57	69	87	76.8	.1
13	60.06	60.46	61.96	59.41	60.04	61.11	60.51	24.3	23.8	30	32.5	27	24.6	27	33.6	22.5	81	93	62	49	65	83	72.2	------
14	59.74	60.39	62.26	60.81	61.31	62.67	61.20	23	22.5	27.9	27.5	26.7	25.3	25.5	30.6	20.9	91	91	72	73	75	81	80.5	1.3
15	61.96	62.51	63.20	61.38	61.85	62.91	62.30	24.7	23.5	30.7	31.2	27.3	25.1	27.1	32.4	22.4	87	90	61	56	64	83	73.5	.8
16	61.92	62.19	62.82	60.59	61.27	62.22	61.84	23.2	23.1	28.9	32.2	27.4	25.1	26.6	33	22.4	93	95	67	49	68	78	75	------
17	61.17	62.07	63.17	60.49	60.75	61.66	61.55	23.7	21.6	29	31.8	27	23.4	26.1	32.3	19.5	81	91	60	47	60	84	70.5	------
18	60.73	61.53	62.83	60.48	61	62.60	61.53	20.2	21.7	29	30.8	27	21.9	25.1	31.4	20	91	94	62	54	63	97	76.8	------
19	61.64	62.37	63.31	60.86	61.31	62.37	61.98	22.1	21.6	28.7	30.5	26.5	24.5	25.6	32.1	21	90	95	66	58	73	81	77.2	------
20	61.41	62.09	63.02	60.59	61.03	62.82	61.83	22.5	21.5	28.5	29.8	26.2	21	24.9	31.5	20.7	90	94	60	56	68	91	76.5	------
21	61.88	62.30	63.11	60.69	60.84	62.41	61.87	20	21.1	28.7	29.8	27	21.7	24.7	30.8	19.1	91	95	62	61	59	87	75.8	1.8
22	61.38	62.53	63.12	60.55	60.96	62.48	61.84	22.7	22	28.5	30.5	27	22.3	25.5	31	20.6	89	89	68	59	67	88	76.7	------
23	61.59	62.38	63.27	61.09	61.19	62.31	61.97	22.3	22.1	29.2	29.2	27	24.8	25.8	31.4	21	94	96	66	62	67	77	77	------
24	61.53	62.39	63	60.63	61.04	62.71	61.88	22.4	22.7	29.3	30.5	27	24.8	26.1	32.2	21.5	89	94	68	63	72	85	78.5	2
25	61.70	62.33	63.29	60.64	60.89	62.37	61.87	23.8	22.6	29.5	31.8	27.2	23.9	26.5	32.5	21.5	89	95	65	55	65	87	76	.3
26	61.18	61.78	63.05	60.60	60.81	61.93	61.56	23.4	23.5	29	30.5	26.7	23.1	26	32	22.5	91	94	67	62	75	86	79.2	------
27	60.88	61.13	62.09	59.76	60.35	61.77	61	22.8	23.5	28.5	30	26.5	25	26	31.5	20.9	93	91	70	65	74	88	80.2	1.6
28	60.99	61.42	63.51	59.90	60.61	61.85	61.38	24.1	22.7	24.5	30	24.2	24.4	25	30.5	22.2	91	89	87	61	83	88	83.2	3.4
Mean	60.97	61.55	62.55	60.27	60.75	61.90	61.33	22.7	22.3	28.7	30.2	26.6	23.8	25.7	31.5	20.9	90.6	94	67.3	60.3	70.3	85.3	78	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	14

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	WNW	1	WNW	1	E	1	S	2	ENE	2	Calm	----	10	A.-Cu.	S.-Cu. E	2	------------	Cu.
2	Calm	----	NW	1	Calm	----	SE	2	S	2	Calm	----	4	------------	Cu. ENE	2	------------	Cu.
3	Calm	----	Calm	----	NW	1	SE	2	SE	2	E	1	1	Ci.	Cu.	4	Ci. S	S.-Cu.
4	Calm	----	Calm	----	SE	1	SE	2	SSE	2	Calm	----	7	------------	S.-Cu. SE	1	------------	Fr.-Cu.
5	NW	1	Calm	----	NW	1	Calm	----	WNW	2	WNW	1	1	Ci.	S.-Cu.	10	------------	N.-cf. ENE
6	WNW	1	NE	1	E	1	SSE	3	E	2	Calm	----	10	------------	N. E	8	------------	Cu.-N. NE
7	Calm	----	Calm	----	E	1	SE	3	SE	2	Calm	----	2	Ci.	Cu.	8	Ci.-S. SSE	Cu. E
8	Calm	----	Calm	----	ESE	1	SE	2	SE	1	Calm	----	4	Ci.-S.	Cu.	2	Ci.	Cu. E
9	Calm	----	Calm	----	ESE	1	S	3	ENE	1	Calm	----	3	Ci.	S.-Cu.	4	------------	Cu. E
10	WNW	1	NW	1	ESE	1	SE	3	ESE	2	ENE	2	4	Ci.-S.	Cu.	10	------------	Cu.-N. E
11	Calm	----	NW	1	E	1	SE	3	ESE	3	ESE	2	3	Ci.	S.-Cu.	9	------------	Cu.-N. E
12	Calm	----	WNW	1	ESE	1	SE	2	E	2	Calm	----	2	Ci.	S.-Cu.	9	------------	S.-Cu. E
13	NW	1	WNW	1	E	2	E	2	E	2	Calm	----	10	------------	S.-Cu. E	1	------------	Fr.-Cu.
14	NNW	1	NW	1	Calm	----	NW	1	E	2	N	1	4	A.-Cu. ESE	S.-Cu.	10	A.-Cu.	S.-Cu. E
15	NE	1	Calm	----	E	2	ESE	3	E	2	Calm	----	10	Ci.-S.	S.-Cu. E	5	Ci.	Cu.-N. E
16	NW	1	NW	1	ENE	1	E	3	E	2	NW	1	4	Ci.	S.-Cu. ENE	4	------------	Cu. E
17	NNW	1	WNW	1	E	1	SSE	2	E	2	NE	1	1	Ci.	Fr.-Cu.	4	------------	Cu. E
18	Calm	----	NW	1	SE	2	SSE	2	ENE	1	Calm	----	2	------------	S.-Cu.	3	------------	Cu. E
19	NW	1	NW	2	NE	1	SE	3	S	2	WNW	2	1	------------	Cu.	2	------------	Cu.
20	Calm	----	WNW	1	E	1	SSE	3	SSW	1	Calm	----	5	Ci.	Cu.	2	Ci.	Fr.-Cu.
21	Calm	----	NW	1	E	1	SE	2	E	1	Calm	----	1	Ci.	Cu.	2	------------	Cu.
22	WNW	1	E	1	NE	1	SSE	3	E	2	Calm	----	10	------------	N. E	5	------------	S.-Cu. ENE
23	Calm	----	NW	1	Calm	----	SE	2	E	1	Calm	----	2	A.-Cu.	S.-Cu.	10	A.-Cu.	S.-Cu. E
24	Calm	----	WNW	1	ENE	2	SE	3	E	3	Calm	----	4	A.-Cu.	S.-Cu. ENE	3	Ci.	Cu. E
25	Calm	----	WNW	1	ESE	2	SE	3	E	3	Calm	----	9	Ci.-S.	S.-Cu.	6	A.-Cu.	Cu.-N. E
26	Calm	----	Calm	----	NW	2	SE	3	S	1	Calm	----	8	Ci.-S. S	S.-Cu. E	7	Ci.	Cu.-N.
27	WNW	1	WNW	2	E	2	SSE	2	SW	1	NW	2	10	A.-Cu.	S.-Cu. E	10	A.-Cu. E	Cu.-N.
28	NW	2	Calm	----	E	3	SE	2	Calm	----	WNW	2	10	------------	Cu.-N. NE	10	A.-Cu. E	Cu.-N. NE
Mean	-------	0.5	-------	0.8	-------	1.2	-------	2.4	-------	1.8	-------	0.5	5.1	------------	------------	5.5	------------	------------

TACLOBAN.

[ϕ=11° 15′ N ; λ=125° 00′ E ; barometer above sea, 3.4 meters ; gravity correction not applied, —1.82 mm.]

MARCH, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	60.61	61.22	62.86	60.46	60.79	62.85	61.46	23.9	23.5	27.5	31.1	27	24.3	26.2	32.2	22.7	87	87	73	53	70	82	75.3	5.1
2	61.29	62.61	63.87	61.38	61.71	63.27	62.36	23	22.9	28.5	31.2	27	24	26.1	31.6	22.3	95	88	73	61	73	86	79.3	------
3	62.09	62.49	63.92	61.75	62.20	63.28	62.62	23.3	23.1	25.5	27	25.4	23.9	24.7	31.1	22.1	92	94	88	80	84	92	88.3	6.5
4	62.62	63.22	64.25	62.46	62.86	64.07	63.25	24	23.5	30	30.5	27.6	25.2	26.8	30.8	22.2	91	91	69	68	70	86	79.2	.1
5	62.66	63.23	63.97	61.73	62.32	63.31	62.87	23.6	23	30	30.5	27.2	25.3	26.6	31.3	22.3	95	95	67	64	73	78	78.7	------
6	62.02	62.55	63.45	60.65	61.44	62.66	62.13	22.4	22	29.4	30.4	27.5	25.7	26.2	32.5	19.5	92	95	65	64	69	83	78	------
7	61.30	62.02	63.05	61.05	61.43	63.02	61.98	25	24	29.5	29.5	26.6	25.8	26.7	31.4	22.8	88	95	72	75	83	85	83	------
8	61.77	62.42	63.25	61.46	62.51	63.91	62.55	25.4	24	30	30.5	27.3	25.5	27.1	31.5	23.1	84	96	67	68	76	84	79.2	------
9	62.46	63.03	63.99	62.02	62.36	63.75	62.94	24	24.5	29.7	27.3	25.5	24.1	25.8	31.4	23.1	86	81	61	78	83	91	80	5.5
10	62.16	62.77	64.11	61.66	62.35	63.46	62.75	24.5	23.2	29.4	29	26.7	25.4	26.4	31.3	22.6	92	95	72	68	75	82	80.7	------
11	62.49	63.36	63.90	60.95	61.10	62.47	62.38	23	22.6	29.1	29.7	26.6	25.3	26	30.9	21.9	93	95	68	63	78	78	79.2	------
12	60.73	61.42	62.42	60.21	60.05	61.32	61.02	24.1	23.7	28	28.2	26.8	26	26.1	29.8	23.2	87	94	74	77	78	76	81	.5
13	60.13	61.31	62.78	60.79	60.97	62.12	61.35	25	24	30	30.3	26.6	25.6	26.9	31.8	23.4	88	91	65	62	72	83	76.8	------
14	60.88	61.73	62.99	60.56	61.23	62.61	61.67	25.3	23.5	29	30	26.5	24.2	26.4	31	22	83	89	67	62	77	86	77.3	------
15	61.64	62.27	63.07	60.88	61.30	62.60	61.96	22.4	22.5	29.5	30.2	26.9	25.6	26.2	31	21.1	91	96	68	61	75	76	77.8	------
16	61.36	61.83	62.52	60.05	60.34	61.68	61.30	23.2	23	29.8	29.2	27.4	25.6	26.4	31.5	21.6	91	93	66	66	71	81	78	------
17	60.43	61.51	62.77	60.48	60.47	61.85	61.25	25.3	24	29.5	31	27	25	27	31.4	23	84	91	68	59	73	83	76.3	------
18	60.93	61.93	63.17	60.96	61.85	63.11	61.99	23.5	23.2	29.9	31.4	27	26.4	26.9	32.6	20.9	89	94	63	61	80	78	77.5	1.3
19	62.06	62.96	64.17	61.61	62.11	63.85	62.79	25.2	23.6	24.5	28.2	26	25.5	25.5	29.8	22.7	83	93	92	79	84	80	85.2	19.1
20	62.51	62.91	63.52	61.10	61.22	62.67	62.32	25.2	24.5	28.5	29.6	27	24.5	26.6	30.8	23.6	80	83	66	66	67	82	74	------
21	61.11	61.67	62.52	60.55	60.76	62.46	61.51	22.7	23.3	29.5	30.5	27.6	24.2	26.3	31.5	22.2	92	90	64	62	66	83	76.2	------
22	60.86	61.56	62.44	60.38	60.84	62.46	61.42	22.4	21.5	29.6	30.5	27.5	25.5	26.2	31.5	21.4	92	95	63	62	68	78	76.3	------
23	61.28	62.24	62.80	60.20	60.82	62.55	61.65	22.7	22.9	30	31.3	27.8	24.5	26.5	32.3	21.7	90	93	64	61	79	87	79	------
24	61.62	63.01	63.32	60.76	61.20	62.47	62.06	24.6	23.8	30.3	30.8	27.5	26.1	27.2	33	23	92	93	63	65	81	80	79	------
25	61.26	62.37	62.74	59.44	59.77	61.15	61.12	24.4	23.5	30	31.1	27.7	26.4	27.2	33	22.9	88	96	65	65	79	77	78.3	------
26	59.90	60.66	62.02	60.12	60.26	61.91	60.81	25	24.5	26.5	28.5	26.5	26.5	26.2	29.8	23.6	86	91	84	77	84	74	82.7	.7
27	60.75	61.51	62.49	60.30	61.11	62.37	61.42	24.8	24.6	30.1	30	26.7	24.9	26.8	33	23.4	85	87	64	66	79	87	78	4.3
28	60.82	61.55	62.57	60.13	61.04	62.23	61.39	25	25	28	29.2	27.3	26	26.8	30.6	23.8	92	87	76	66	75	84	80	23.1
29	60.91	61.77	62.86	60.91	61.43	62.60	61.75	24.6	23.6	25.9	28	26.1	24.2	25.4	30.5	23	92	97	91	79	87	93	89.8	20.2
30	61.15	61.59	62.61	61.58	61.91	62.66	61.92	24.1	25	29.1	24.4	25.3	25	25.5	30.4	23.5	95	93	77	92	93	95	90.8	21.6
31	61.01	61.07	62.31	60.04	60.86	62.13	61.24	24.3	24	29.5	29.7	27.5	26.4	26.9	31	23.5	97	98	76	70	82	82	84.2	------
Mean	61.38	62.12	63.12	60.86	61.31	62.67	61.91	24.1	23.5	28.9	29.6	26.9	25.2	26.4	31.4	22.5	89.4	92.1	70.7	67.7	76.9	83	80	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	108

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	WNW	1	WNW	2	E	2	E	3	E	2	W	2	10	A.-Cu.	S.-Cu. NE	10	A.-Cu. ESE	Cu.-N. ENE
2	Calm	----	WNW	1	WNW	2	SSE	3	E	1	E	1	10	A.-Cu.	N.-cf. ENE	9	------------	Cu.-N. ESE
3	WNW	1	Calm	----	E	1	Calm	----	E	1	Calm	----	5	Ci.-S.	S.-Cu. E	10	------------	N. E
4	N	2	Calm	----	SE	2	SE	4	ESE	2	Calm	----	10	A.-Cu.	S.-Cu. E	10	------------	Cu.-N. E
5	NW	1	NW	1	ENE	1	SE	3	E	2	E	1	3	Ci.	Cu.	7	Ci. SSE	Cu. EbyN
6	Calm	----	Calm	----	E	1	SSE	2	E	2	NW	1	4	A.-Cu.	S.-Cu. ESE	8	------------	S.-Cu. ESE
7	Calm	----	NW	1	S	2	SSE	3	SE	2	E	1	4	------------	S.-Cu.	8	------------	Cu.-N. E
8	E	1	WNW	1	SE	1	SE	3	E	2	NNW	1	10	------------	S.-Cu. E	3	------------	Cu. E
9	N	1	NW	1	SE	2	E	1	ESE	2	SE	2	10	------------	S.-Cu. ENE	10	------------	N.-cf.
10	NW	1	Calm	----	E	2	S	3	SSE	2	SE	1	4	------------	S.-Cu. ESE	8	------------	Cu.-N. E
11	Calm	----	WNW	1	SE	2	SE	3	SE	2	SE	2	1	------------	Cu.	1	------------	Fr.-Cu.
12	NE	2	Calm	----	SSE	3	SE	2	SE	2	ESE	3	10	Ci.-S.	N. ESE	10	------------	Cu.-N. ESE
13	E	2	ENE	1	SE	2	SE	3	SE	2	SE	2	6	Ci.	Cu. SE	2	Ci.	Cu.
14	SE	2	SE	1	SSE	2	SSE	3	SSE	2	SE	1	6	Ci.	Cu. SE	1	------------	Fr.-Cu.
15	Calm	----	Calm	----	SE	2	SSE	3	S	2	E	2	4	Ci.	Cu. SE	4	A.-Cu. NE	Cu.
16	WNW	1	NW	1	ESE	1	SE	3	SE	3	E	2	9	A.-Cu.	S.-Cu. ESE	9	------------	S.-Cu. E
17	E	1	NW	1	SE	2	SE	2	SE	2	Calm	----	5	Ci.	Cu. SE	2	------------	Cu.
18	Calm	----	Calm	----	ESE	1	SE	2	SE	2	NE	1	1	------------	Cu.	4	------------	Cu.-N. N
19	WNW	1	NW	2	W	1	NW	1	NW	1	NW	1	10	------------	N.	10	------------	N. NE
20	NW	2	NW	1	NW	2	ESE	2	E	2	Calm	----	10	A.-Cu.	S.-Cu. N	10	------------	Cu.-N. NW
21	Calm	----	Calm	----	E	1	SE	3	ENE	2	ENE	1	5	A.-Cu.	S.-Cu. E	4	A.-Cu.	Cu.-N.
22	Calm	----	Calm	----	SE	2	SE	3	E	2	ESE	2	4	------------	S.-Cu. E	4	Ci.	Cu.
23	Calm	----	WNW	1	E	1	SE	2	S	2	Calm	----	2	Ci.	Cu.	2	------------	Cu.
24	Calm	----	WNW	1	SE	1	SE	3	SSE	2	Calm	----	2	Ci.	Cu.	5	A.-Cu.	Cu.-N. ESE
25	WNW	1	WNW	1	ESE	1	SE	3	SSE	2	W	1	5	Ci.	S.-Cu. NE	2	------------	Cu.-N.
26	WNW	2	WNW	1	SE	1	ESE	2	SE	1	NW	2	10	A.-Cu.	S.-Cu. NE	10	------------	Cu.-N. N
27	WNW	1	WNW	1	SE	2	NE	2	E	2	Calm	----	10	Ci.	S.-Cu. E	10	------------	N. E
28	Calm	----	Calm	----	E	2	E	3	E	1	NW	2	10	A.-Cu.	N. NE	10	------------	N.-cf. ENE
29	WNW	2	Calm	----	Calm	----	ESE	2	NW	1	Calm	----	10	------------	N. ENE	10	------------	N. E
30	NW	1	WNW	2	Calm	----	E	3	Calm	----	WNW	1	7	A.-Cu.	S.-Cu. E	10	------------	N. E
31	Calm	----	Calm	----	S	2	SSE	2	SE	3	ESE	2	10	A.-Cu.	S.-Cu. ESE	7	A.-Cu. SE	Cu.-N. E
Mean	-------	0.8	-------	0.7	-------	1.5	-------	2.5	-------	1.8	-------	1.1	6.7	------------	------------	6.8	------------	------------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

APRIL, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a.m.
	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Mean.	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Mean.	Maximum.	Minimum.	2 a.m.	6 a.m.	10 a.m.	2 p.m.	6 p.m.	10 p.m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.72	61.15	61.66	59.33	59.46	61.05	60.56	25.4	24.7	30	30.6	27.5	26.5	27.4	31.5	23.9	87	94	74	69	82	83	81.5	------
2	59.65	60.46	61.58	59.66	60.01	61.25	60.44	26.1	25	29.5	30.5	27.5	26.5	27.5	31.5	24	89	93	75	68	81	83	81.5	0.3
3	59.97	61.02	62.30	60.20	60.40	61.79	60.95	25.5	26	30.3	31	27.5	26.9	27.9	32	25	88	87	66	64	83	80	78	------
4	60.45	61.46	62.54	60.26	60.69	62.48	61.31	26.7	26.9	30.2	30.5	27.1	26	27.9	31.4	25.1	82	81	68	67	82	84	77.3	------
5	61.53	62.37	63.15	60.55	61.11	62.82	61.92	25	23.6	29.9	31	27.8	27	27.4	31.9	23	83	91	65	62	79	77	76.2	------
6	61.86	62.82	63.61	61.24	61.60	62.52	62.28	26	25	30.6	30.5	27	25.3	27.4	31.6	23.4	80	88	63	58	68	80	72.8	------
7	61.08	61.98	63.32	61.10	61.46	62.64	61.93	23.5	23.5	30.6	31	27.5	25.2	26.9	32.3	22.5	89	94	65	56	69	86	76.5	------
8	61.51	61.87	63.14	60.55	60.91	62.40	61.73	24	24.4	26.5	31	27.9	26	26.6	32.5	22.7	91	91	84	69	77	84	82.7	3.1
9	60.95	61.61	62.55	60.14	61.31	62.31	61.48	24.7	24.8	31.3	32.7	28.5	25.4	27.9	33.5	23.2	89	93	64	58	70	87	76.8	.6
10	60.98	61.63	62.54	60.03	60.76	62.49	61.40	24.9	25	29.5	32	28.3	26.7	27.7	33.6	23.9	91	93	73	60	70	79	77.7	------
11	60.85	60.73	61.30	59.33	60.30	61.78	60.72	24.4	24	31.1	32.7	27.5	25	27.4	33	22.3	88	91	68	57	73	88	77.5	------
12	60.68	60.88	61.54	59.83	60.40	62.10	60.90	24.3	24	29.5	31.8	28.2	26.2	27.3	32.2	22.5	92	96	69	64	68	84	78.8	3.2
13	60.96	61.54	62.70	61.17	61.05	62.18	61.60	25.4	25	27	26.3	27	24.6	25.9	28.8	23.6	88	92	86	91	80	93	88.3	14.2
14	61.15	61.04	62.25	60.24	60.56	61.61	61.14	24.5	24.5	27.9	30.8	26	26	26.6	31	23.5	92	92	79	71	90	87	85.2	7.3
15	60.40	60.57	61.42	59.19	59.74	61.02	60.39	23.4	24	30	31	27.6	26.5	27.1	31.5	22.8	95	97	68	65	77	80	80.3	------
16	59.67	60.11	60.76	58.69	59.05	60.41	59.78	24.5	23	30.2	30.7	27.5	26	27	31.8	21	92	97	66	66	76	81	79.7	------
17	59.32	59.12	59.84	57.76	58.13	59.66	58.97	25.5	24.3	29.9	30.5	27.6	26.9	27.4	31.8	23.4	88	93	68	71	79	80	79.8	------
18	58.42	58.99	60.14	58.34	58.41	60	59.05	25.8	25.2	30.7	30.5	27.9	27	27.8	32.1	23.9	88	93	69	65	79	77	78.5	------
19	59.32	59.84	60.58	58.70	59.56	60.80	59.80	25	24	30.7	31.4	28.4	26	27.6	32.2	22.6	87	93	64	61	72	84	76.8	------
20	59.97	60.55	61.36	59.48	59.97	61.02	60.39	25.3	25	28.6	30.4	28.5	26.1	27.3	32.2	23.5	89	92	76	63	68	85	78.8	1.7
21	59.72	60.65	61.01	58.50	59.12	60.61	59.94	25	25.4	26.8	31.2	27.6	25.4	26.9	32	23.9	90	92	86	61	76	92	82.8	7.2
22	59.50	60.27	60.88	58.90	59.67	60.90	60.02	24.5	24.8	29	31.6	28.1	26.5	27.4	32.3	23.5	92	95	81	62	66	79	79.2	1.1
23	59.35	60.03	60.71	59.25	60.31	61.50	60.19	26	26	31.7	31.3	27.4	26.4	28.1	33.6	24.7	82	79	56	63	74	82	72.7	------
24	60.35	60.44	61.22	59.30	59.69	60.87	60.31	24.9	25	26.8	29.2	27.2	25	26.4	32	24	92	90	86	73	75	90	84.3	6.2
25	59.71	60.09	60.86	58.59	58.94	59.93	59.69	24.6	24.5	27.1	30.7	26.5	26	26.6	32.4	23.7	95	96	88	59	76	87	83.5	3.3
26	59.04	59.46	60.26	58.08	58.84	60.15	59.30	25	24.7	29.9	32	28.4	25.1	27.5	33.1	23.5	90	91	69	60	70	87	77.8	------
27	58.93	59.09	59.59	57.92	58.45	59.87	58.98	24.5	24.5	29	32	27.8	26.9	27.4	32.7	23.5	92	92	75	63	83	82	81.2	.1
28	58.73	58.92	59.92	58.18	59.02	60.59	59.23	26	25.3	30	31.8	27.7	26.8	27.9	32.6	24.4	89	93	71	65	79	86	80.5	------
29	59.77	59.64	59.50	57.37	58.14	60.17	59.10	26	23	31	31.2	28.8	26	27.7	33	22.1	87	96	61	66	69	84	77.2	------
30	58.89	58.97	59.68	58.16	58.42	59.86	59	25.2	25.5	30	28	27.6	26.5	27.1	31.8	24	90	89	74	88	87	92	86.7	9.3
Mean	60.11	60.58	61.40	59.33	59.85	61.23	60.42	25.1	24.7	29.5	30.9	27.7	26.1	27.3	32.1	23.4	88.9	91.8	71.9	65.5	75.9	84.1	79.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	57.6

Day.	Wind.												Clouds.					
	2 a.m.		6 a.m.		10 a.m.		2 p.m.		6 p.m.		10 p.m.		6 a.m.			2 p.m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	ESE	2	Calm	----	SSE	2	SSE	3	SSE	3	SE	2	9	A.-Cu.	S.-Cu. SE	4	Ci.	Cu. E
2	SE	1	Calm	----	SE	2	S	2	SSE	2	ESE	2	8	------------	S.-Cu. SE	2	------------	Cu.-N. SE
3	SE	2	E	1	SSE	2	SSE	2	SE	2	ESE	2	10	A.-Cu.	S.-Cu. SE	1	------------	Cu.
4	SE	2	SE	2	SE	3	SE	3	SE	2	SE	2	8	------------	S.-Cu. SE	1	Ci.	Fr.-Cu.
5	E	1	NW	1	SE	2	SSE	3	SE	2	E	3	3	Ci.	Cu. ESE	2	Ci.	Fr.-Cu.
6	ESE	3	E	1	SE	2	SE	3	SE	2	ENE	1	2	Ci.	Cu. SE	1	------------	Fr.-Cu.
7	NW	1	NW	1	ESE	1	SE	3	SSE	2	Calm	----	7	Ci.-S.	Cu. SE	1	------------	Fr.-Cu.
8	NW	1	W	1	E	2	SSE	3	E	2	Calm	----	10	A.-Cu.	S.-Cu. E	7	------------	Cu.-N. E
9	Calm	----	NW	1	E	2	SE	2	E	2	Calm	----	10	Ci.-S.	Cu.-N. E	4	------------	Cu.-N. E
10	WNW	1	NW	1	ESE	2	SE	3	ESE	2	E	2	9	------------	Cu.-N. E	6	------------	Cu.-N. ENE
11	NW	1	NW	2	ESE	2	SE	3	ESE	2	NW	1	2	Ci.	Cu.	4	------------	Cu. E
12	WNW	1	WNW	2	SSE	2	SE	4	ESE	3	E	2	2	------------	Cu. E	9	------------	Cu.-N. E
13	ENE	1	NW	1	E	2	S	2	E	2	WNW	1	10	A.-Cu.	S.-Cu. E	10	------------	N. E
14	W	2	WNW	2	E	1	SSE	3	WNW	1	E	1	8	A.-Cu. SE	S.-Cu. ESE	9	A.-Cu.	Cu.-N. ENE
15	NW	1	W	1	SE	2	SSE	3	SE	3	E	2	3	Ci.	Cu.	4	------------	Cu.-N. E
16	E	1	WNW	2	SSE	2	SE	3	SE	3	SE	2	5	Ci.-S.	S.-Cu. ESE	3	Ci.	Cu.
17	E	1	NE	1	SE	3	SE	3	SE	2	E	2	4	------------	S.-Cu. SE	8	------------	S.-Cu. SE
18	NE	1	WNW	1	SE	3	SE	3	SE	3	E	2	7	A.-Cu.	S.-Cu. SE	7	Ci.	Cu.-N.
19	E	1	NW	1	SSE	3	SSE	3	ESE	2	WNW	1	5	Ci.-S. W	Cu. ESE	2	Ci.	Cu.
20	NW	2	WNW	1	E	1	ESE	1	E	2	ENE	1	10	------------	S.-Cu. E	7	Ci.	Cu.-N. E
21	NW	1	NW	1	ESE	1	SE	2	ESE	2	W	1	10	Ci.	N. E	6	Ci.-S.	Cu.-N. E
22	WNW	1	WNW	2	SE	2	ESE	3	E	2	E	2	3	Ci.	Cu.	9	Ci.	Cu.-N. E
23	E	1	NW	2	E	3	SE	3	ESE	2	WNW	1	10	Ci. W	S.-Cu. ESE	10	A.-Cu.	Cu.-N. ENE
24	W	1	WNW	2	E	1	E	1	E	2	ESE	1	2	A.-Cu.	S.-Cu.	10	Ci.-S.	N.-cf. ENE
25	WNW	1	WNW	2	E	1	E	3	E	2	E	1	9	A.-Cu. E	Cu.-N. ENE	10	Ci.	Cu.-N. ENE
26	NW	2	WNW	2	NNW	1	SSE	2	ESE	2	ENE	1	4	------------	S.-Cu. E	3	------------	Cu.-N.
27	WNW	1	W	2	ESE	2	SE	3	WNW	1	WNW	1	2	------------	Cu.	5	------------	Cu.-N. E
28	NW	1	NW	1	E	1	SE	3	S	2	ENE	1	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
29	E	2	NW	1	E	2	SE	3	ESE	2	ESE	1	3	Ci.	Cu.	4	Ci.-S.	Cu.
30	WNW	2	WNW	2	SSE	3	NW	1	E	1	NE	1	10	Ci.-S. WSW	S.-Cu. ENE	10	Ci.-S.	N.
Mean	-------	1.3	-------	1.3	-------	1.9	-------	2.6	-------	2.1	-------	1.3	6.4	------------	------------	5.6	------------	------------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

MAY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.44	58.68	59.43	57.50	58.05	59.51	58.60	24.6	25.5	30.8	30.5	27.5	27.4	27.7	31.9	24.1	97	96	71	75	84	86	84.8	------
2	58.43	58.53	59	56.84	58.36	59.61	58.46	26.9	26.5	29.2	32.4	27.8	27.4	28.4	32.8	25.5	86	91	82	65	82	87	82.2	0.4
3	58.12	58.80	59.17	57.57	58.29	59.35	58.55	25.5	25.5	29.5	30.5	28	27.1	27.7	31.7	24.8	94	91	79	71	81	83	83.2	12.4
4	57.91	58.80	58.81	56.63	57.16	58.17	57.91	26	25.5	30.7	31	27.7	26.5	27.9	31.9	24.4	87	89	66	63	75	77	76.2	------
5	57.02	58.40	58.79	57.13	57.61	58.96	57.98	23.5	24.8	31	32	27.5	27.1	27.6	32.4	22.5	92	90	64	64	83	83	79.3	1.5
6	57.96	58.17	58.87	57.91	58.21	59.24	58.39	26.4	25.5	27.5	28.5	27.9	26.8	27.1	30.6	24.3	84	92	88	80	82	84	85	5.8
7	57.61	57.70	58.54	56.56	57.42	58.97	57.80	25	25	31.5	29.6	27.8	26.6	27.6	32.6	23.3	92	95	66	71	74	83	80.2	------
8	57.34	57.72	58.79	57.08	57.39	58.46	57.80	25.4	25	31.7	31.6	28.8	27	28.2	33.1	24.3	92	95	62	62	72	81	77.3	2
9	57.61	57.73	58.74	57.58	57.72	59.01	58.06	26	24.7	29.6	27.5	26.7	26	26.8	32	24	84	94	72	87	88	92	86.2	1.7
10	57.73	57.97	58.07	56.08	57.26	59.29	57.73	24.8	25	30.2	31.2	27.8	27.5	27.8	33.1	24	95	94	74	71	83	81	83	4.4
11	57.51	58.19	58.69	57.18	58.19	59.15	58.15	26.5	26.4	31	32.5	28.5	27.7	28.8	33.1	24.8	90	92	71	66	78	84	80.2	------
12	57.81	58.59	59.83	57.93	58.24	59.42	58.64	25.9	25.8	31.5	32.2	28.5	27.7	28.6	32.8	24.5	93	95	72	64	83	87	82.3	.4
13	58.12	58.64	59.13	56.83	57.50	59.32	58.26	26.8	26	32	32.3	28.5	28	28.9	33.7	25.1	90	95	66	66	84	86	81.2	5.1
14	58.31	59.01	59.41	57.12	57.76	59.55	58.53	28	26.2	30	31.9	28.5	28	28.8	32.7	25.7	86	94	77	67	83	88	82.5	9.6
15	58.96	58.64	59.26	57.12	58.04	59.26	58.55	25.9	26.2	30.9	32.3	28.5	27.1	28.5	33	25	93	94	76	66	84	93	84.3	2.5
16	58.06	58.36	58.54	56.88	57.79	59.37	58.17	26.4	26.6	31	31.5	28.6	28.2	28.7	32.5	25.5	94	95	72	68	80	83	82	.5
17	58.16	58.72	59.58	57.81	58.51	60.04	58.80	28	27.4	30.5	29.3	27.5	28	28.4	31.7	26	85	86	72	76	84	85	81.3	2.4
18	59.40	59.86	60.58	58.85	59.59	60.75	59.84	26.3	26.4	30.7	32	28.3	27.5	28.5	32.8	25	90	89	72	66	82	84	80.5	------
19	59.89	60.52	60.80	58.54	58.86	60.24	59.81	26.7	26.6	31	31.8	28	27.2	28.6	32.7	25.6	89	87	62	60	77	86	76.8	------
20	59.15	59.53	58.88	56.42	57.59	58.62	58.36	25	25	31	32.4	28.5	26.3	28	33.6	23.7	92	95	71	66	77	90	81.8	------
21	57.68	58.61	58.64	56.67	56.36	58.06	57.67	25.6	25.7	30.4	31.6	28.8	27.2	28.2	32.6	24.4	95	96	77	71	79	89	84.5	------
22	57.32	57.90	58.11	57.26	58.31	60.08	58.16	25.6	25.8	30.2	28.5	26.5	24	26.8	31.5	23.2	95	81	71	84	92	96	86.5	75.2
23	58.59	58.68	58.84	57.79	58.57	59.82	58.72	24.5	24.7	30.3	26.6	25.7	24.5	26	32	23.4	96	96	67	78	91	96	87.3	2.8
24	59.17	59.24	59.77	57.98	58.39	60.20	59.12	25	24.5	29.5	31.8	28	27.2	27.7	32.2	23.8	90	96	75	67	82	86	82.7	------
25	59.09	59.67	60.10	58.80	59.01	60.47	59.52	27	26	30.6	31.8	28.5	28	28.6	32.5	25.3	88	90	77	65	78	86	80.7	------
26	59.60	60.03	60.46	58.24	58.81	59.76	59.48	26.4	26.4	31.5	31	26	26.6	28	32.8	24.5	90	93	69	72	85	89	83	------
27	59.40	59.73	59.84	57.95	58.55	60.10	59.26	26	25.4	30.5	31.8	28.5	27.8	28.3	32.3	24	90	95	75	70	84	83	82.8	------
28	59.29	59.57	60.45	58.07	58.17	60.17	59.29	27	27	29	32.3	28.5	27	28.5	32.8	25.8	89	92	85	66	84	92	84.7	.5
29	59.09	59.45	59.80	57.63	58.04	59.64	58.94	26.6	26.7	32	32	28.4	27	28.8	32.5	25.7	92	94	69	66	80	87	81.3	------
30	58.81	58.49	58.24	56.46	56.92	58	57.82	26.9	26	31.4	32	28.7	28	28.8	33.1	25	88	92	68	63	80	82	78.8	------
31	56.97	57.60	57.79	55.91	56.62	57.52	57.07	27.8	26.8	32	32.8	28.8	28.2	29.4	33.4	25.8	86	90	63	60	79	83	76.8	------
Mean	58.34	58.76	59.19	57.37	57.98	59.36	58.50	26.1	25.8	30.6	31.1	28	27.1	28.1	32.5	24.6	90.5	92.4	72	68.9	81.6	86.2	81.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	127.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	SSW	S	SE	SE	ESE	12.4	47.7	60.2	58.5	178.8	10	Ci.-S.	Cu.-N.	10	Ci.-S. SW	Cu.-N.
2	SE	NW	SE	SE	SE	SSE	26.8	61.8	83.5	53.7	225.8	10	Ci.-S.	Cu.-N. SE	10	Ci.-S.	Cu.-N. SE
3	S	S	SSE	SSE	SE	SE	24.6	68.1	95.3	78.3	266.3	10	Ci.-S.	N. SE	10	A.-Cu. SW	Cu.-N.
4	SE	E	SE	SE	SE	SE	22.5	73.4	102.5	49.9	248.3	6	Ci.	S.-Cu. SE	4	Ci.	Cu.
5	SW	NW	SSE	SSE	SE	E	10.8	46.5	89.5	50.2	197	4	Ci.	S.-Cu. ESE	5	Ci.	Cu.-N. ENE
6	ESE	NW	SE	SSE	SE	E	18.7	51.8	67.9	48.6	187	5	Ci.	S.-Cu. E	10	------------	N. E
7	SW	NW	SE	SE	E	ENE	13.2	50.2	86.4	24.9	174.7	6	Ci.	S.-Cu. ESE	9	Ci.	N. E
8	E	NW	SE	SE	E	E	18.2	48.9	88.5	54.7	210.3	4	Ci.	Cu. E	10	A.-Cu.	S.-Cu. E
9	W	NW	NW	SE	Calm	WNW	25.1	37.6	29.5	14	106.2	10	A.-Cu.	S.-Cu. E	10	------------	N. ESE
10	W	NW	NE	SSE	SE	SE	24.6	22	61.8	31.4	139.8	10	A.-Cu. SE	N. E	10	Ci.-S.	Cu.-N. E
11	SE	SE	SE	SE	SE	ESE	23.1	53.6	85.6	57.7	220	10	A.-Cu.	S.-Cu. ESE	4	Ci.-S.	Cu.-N.
12	SE	WNW	S	SE	SE	SE	11.5	48.6	93.5	63.9	217.5	8	Ci.	S.-Cu. ESE	10	Ci.-S.	Cu.-N.
13	NW	NW	ESE	SE	SE	SE	16.4	36	98.5	85.9	236.8	8	Ci.-S.	Cu.	4	Ci.	Cu.-N.
14	SE	S	SE	SE	SE	SE	58.9	63.4	84	45.4	251.7	10	Ci.-S.	N. SE	6	Ci.-S.	Cu.-N.
15	SSW	SE	ESE	SE	SE	WNW	24.3	51.8	62.8	16.7	155.6	10	A.-Cu. ESE	S.-Cu.	10	Ci.-S.	Cu.-N.
16	Calm	NE	SE	SE	SE	ESE	5.4	57.7	94.8	99.3	257.2	10	Ci.	Cu.-N. SSE	10	Ci.-S.	Cu.-N.
17	ESE	SE	SE	SE	SE	SE	100.9	103.5	103.6	88.2	896.2	9	Ci.-S. WNW	Cu.-N. SE	10	Ci.-S.	Cu.-N. SE
18	S	SSE	SE	SE	SE	ESE	38.1	95.8	99.3	73.5	306.7	8	Ci.	S.-Cu. SE	3	------------	Cu. SE
19	ENE	E	SE	SE	SE	SE	42.1	84.5	89.8	35.6	252	4	Ci.-S.	S.-Cu. SE	3	Ci. NW	Cu. SE
20	SE	SE	E	SSE	S	Calm	11.6	52.1	57.4	13.1	134.2	3	Ci. NE	Cu.	7	Ci.-S. ENE	Cu.-N. NW
21	SSE	S	SE	SE	SSE	NW	7.2	46.9	69.4	14.8	138.3	10	Ci. NE	S.-Cu. NW	10	Ci.-S.	Cu.-N. SE
22	Calm	WNW	S	SSE	SW	SW	21.9	34.3	40.2	25.4	121.8	9	A.-Cu. NW	Cu.-N. WNW	10	------------	N. W
23	SW	NW	NW	W	WNW	SSE	19.9	49.1	51	20.1	140.1	9	A.-Cu. ENE	S.-Cu. N	10	------------	N. WNW
24	NE	SW	SE	SSE	SE	S	25.9	40	76.4	47.7	190	10	Ci.-S.	N.-cf.	10	A.-Cu.	S.-Cu. SSE
25	S	S	SSE	SE	SE	SE	30.6	52.9	81.6	54.7	219.8	8	Ci.-S.	S.-Cu. SSE	9	Ci.-S. NE	Cu.-N. SSE
26	SE	NW	SSE	SE	NW	SSE	15.5	48.6	83.4	19	166.5	4	------------	S.-Cu. SE	10	Ci.-S.	Cu.-N.
27	NW	W	SE	SE	SSE	SE	11.3	75.1	78.9	62.2	227.5	8	Ci.	S.-Cu. SE	5	Ci.	Cu.-N.
28	ENE	SE	ESE	SSE	S	Calm	24.6	60.9	75.4	9.4	170.3	10	------------	S.-Cu. SE	5	Ci.	Cu.-N.
29	S	SE	SE	SE	S	SE	24.6	68.2	77	33	202.8	9	Ci.-S.	Cu.-N. SE	8	Ci.-S.	Cu.-N.
30	SE	SSE	SSE	SSE	SE	SE	20.7	56.8	85.8	64.9	228.2	5	Ci. NE	S.-Cu. SE	4	Ci. NE	Cu.-N. SE
31	SE	SE	SSE	SE	SE	SE	32.8	53.1	84	64.1	234	10	Ci.	S.-Cu. SE	2	Ci.	Cu.-N.
Mean	------	------	------	------	------	------	24.7	56.2	78.6	47.1	206.5	8	------------	------------	7.7	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	6,401.4	----	------------	------------	----	------------	------------

TACLOBAN.

[$\phi = 11° 15'$ N ; $\lambda = 125° 00'$ E ; barometer above sea, 3.4 meters ; gravity correction not applied, —1.82 mm.]

JUNE, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a.m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.97	57.94	58.67	57.21	58.05	59.24	58.01	26.6	25.7	32	33	29.1	28	29.1	33.7	24.5	87	94	64	58	80	82	77.5	------
2	58.68	59.48	59.66	57.78	58.06	60.05	58.95	26.9	26.4	29.5	32.4	29.1	27.9	28.7	33.8	24.6	88	92	79	64	78	82	80.5	------
3	59.14	59.91	59.70	58.91	58.81	58.98	59.24	26.8	26.5	30.5	27.3	26.3	26	27.2	32.1	25.2	90	91	71	82	86	92	85.3	27.4
4	58.59	59.69	59.81	57.98	58.26	59.14	58.91	25	25.2	30.3	31.4	28.6	27.7	28	32	24.1	97	95	72	66	76	82	81.3	------
5	58.01	58.48	59.13	57.58	58.17	59.27	58.44	27.5	27.5	31.5	32	28.4	27	29	32.5	24.7	85	84	70	66	75	84	77.3	------
6	58.16	58.85	59.34	58.36	58.55	59.80	58.84	25.6	26	31.5	26.6	25.3	25.5	26.8	32	24.5	93	92	66	87	93	93	87.3	3.3
7	58.90	59.25	59.55	57.34	57.72	58.97	58.62	25.1	25.2	31.2	30.3	26.8	27.5	27.7	33	24.1	95	95	71	74	89	84	84.7	.3
8	57.87	58.37	58.31	55.97	56.62	58.42	57.59	25.9	25.4	31.5	32.2	29	25.4	28.2	33.8	24.6	93	95	64	65	71	88	79.3	------
9	56.74	57.09	57.71	56.71	56.70	57.40	57.06	25.3	25.1	31.6	29.1	27.5	26	27.4	33.4	24	93	95	65	74	81	92	83.3	3.8
10	55.99	57.12	57.45	55.40	56.32	58.17	56.74	24.7	25.2	31	31.2	28.6	27.2	28	32.5	24.2	94	95	72	66	80	86	82.2	------
11	56.93	57.69	57.68	56.31	56.90	58.47	57.33	26.4	26	31.8	30	28	27.9	28.4	32.3	25	89	95	69	77	81	82	82.2	.3
12	57.28	57.66	58.60	57.51	57.83	59.30	58.03	27	25.7	31	27.2	27	25.7	27.3	31.8	24.6	84	94	72	81	84	91	84.3	------
13	57.67	58.13	58.29	57.37	57.52	59.02	58	26.1	26	31.8	26.7	27.4	26.5	27.4	33.3	23.3	91	89	67	91	92	91	86.8	16.3
14	57.75	57.72	57.96	56.21	56.55	58.51	57.45	24.9	25.5	29.5	31	28	26.6	27.6	33.3	24.1	96	94	77	73	88	86	85.7	5.8
15	57.62	58.06	58.61	57.08	57.57	59.15	58.02	27	27	27.8	29.8	28	26.5	27.7	32.4	25.5	87	89	86	77	86	96	86.8	21.5
16	58.15	58.53	58.96	58.17	58.55	60.23	58.76	26.3	26	29	27.3	26	26.3	26.8	31.5	24.8	93	95	81	93	89	90	90.2	33.1
17	59.40	59.08	59.04	57.29	57.80	59.27	58.65	25.8	25.9	30.2	31.8	28.5	27.5	28.3	32.3	24.8	93	93	74	70	81	85	82.7	.6
18	57.87	57.64	58.47	56.85	57.11	58.20	57.69	26	26	28	27.2	27.9	28	27.2	31.4	24.9	94	96	88	87	78	81	87.3	2.9
19	57.43	57.74	57.80	56.54	57	58.53	57.51	26.2	25.9	30.6	31.3	27.2	25.9	27.8	32.8	24.7	94	96	74	74	89	94	86.8	14
20	56.99	57.15	57.57	56.14	56.92	58.32	57.18	25.5	25.5	30.5	31	27	26.5	27.7	32.5	24	93	96	75	75	87	92	86.3	.5
21	57.09	57.69	58.31	56.52	57.20	58.72	57.59	26	25.6	31	29.7	27.6	26.5	27.7	32.7	24.7	94	95	71	71	84	92	84.5	------
22	57.28	58.02	58.16	56.44	57.60	57.68	57.53	26.5	25.6	31.3	29.2	27	25.6	27.5	31.5	24.9	92	95	68	79	86	95	85.8	5.3
23	56.82	57.80	57.60	56.02	56.68	58.17	57.18	25.5	25.6	31.2	29.2	27.3	26	27.5	32.5	24.8	94	97	71	82	86	95	87.5	14.7
24	56.81	57.47	58.03	56.92	56.93	58.38	57.42	25.2	25.5	28.8	27.3	26.6	26.5	26.6	30.7	24	94	94	79	86	87	90	88.3	6.9
25	57.38	58.03	58.01	56.29	57.38	58.78	57.64	24.4	25	29.7	31.6	26.2	25.9	27.1	32.2	23.5	92	95	73	68	89	93	85	.3
26	57.73	58.05	58.41	56.83	57.80	59.30	58.02	24.8	25	30.5	32	28.5	25	27.6	32.7	23.6	93	93	72	66	77	95	82.7	7.1
27	58.73	58.29	59.11	57.67	57.81	59.09	58.45	25.4	25.7	30.5	28.3	29.2	26.5	27.6	32.6	24.4	95	94	74	80	82	93	86.3	------
28	57.81	58.54	59.66	57.72	57.84	59.43	58.50	26.9	26.5	25.5	26.2	26.7	25.6	26.2	27.3	24	89	92	96	90	88	95	91.7	10.9
29	58.59	59.05	59.02	57.88	58.30	59.75	58.76	25.5	25.5	29.8	31	28.3	25.9	27.7	32	24.6	93	93	77	69	85	93	85	.2
30	58.67	59.13	59.61	58.34	57.91	59.70	58.89	24.5	25	30	29.9	27.6	26.4	27.2	31	23.8	97	96	78	72	84	93	86.7	------
Mean	57.77	58.26	58.61	57.11	57.55	58.91	58.03	25.8	25.8	30.3	29.8	27.6	26.5	27.6	32.3	24.4	92.1	93.6	73.9	75.4	83.7	89.6	84.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	175.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SE	SE	SE	ESE	26	44.8	95.8	56.5	223.1	4	Ci.	S.-Cu. SE	2	------------	Cu.-N.
2	NW	NW	SE	SE	S	Calm	29	44.1	84.5	26.8	184.4	6	Ci.-S. S	Cu.	2	------------	Cu.-N.
3	Calm	Calm	E	NW	Calm	NW	17.2	32.5	32.5	23.8	106	10	------------	S.-Cu. ENE	10	------------	N. E
4	WNW	NW	ESE	SE	SE	SE	37.5	39.7	71.3	76.2	224.7	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. SE
5	SE	ESE	SE	SE	SE	E	71.9	89.5	104.6	31.9	297.9	8	Ci.	Cu. ESE	5	Ci.	Cu. SE
6	WNW	NW	E	SE	S	NW	30.6	38.9	78.7	22.2	170.4	10	Ci.-S.	S.-Cu. E	10	------------	N. E
7	Calm	Calm	SE	SE	ESE	E	22.8	38.8	57.6	36.4	155.6	8	Ci.	S.-Cu. E	9	Ci.-S.	Cu.-N. E
8	NW	W	SE	SE	E	Calm	27.6	29.8	66.5	23.6	147.5	10	Ci.-S.	Cu. ENE	4	------------	Cu.-N.
9	W	WNW	ESE	E	Calm	Calm	32.2	40.2	44	18.3	134.7	10	Ci.-S. SW	Cu.	10	Ci.-S.	Cu.-N. E
10	WNW	WNW	E	SE	E	Calm	24.4	31.9	53.6	22.5	132.4	10	Ci. SW	Cu. ESE	10	Ci.-S.	Cu.-N.
11	NW	WNW	SE	SE	SE	E	28.2	48.6	72.6	57.4	206.8	10	A.-Cu.	S.-Cu. E	10	Ci.-S.	Cu.-N. SE
12	E	Calm	E	NW	NW	S	30.9	31.1	35.1	15.6	112.7	10	A.-Cu.	S.-Cu.	10	Ci.-S.	N. NE
13	SSE	Calm	ESE	ESE	Calm	Calm	32.5	45.6	45.1	33.2	156.4	5	Ci	S.-Cu. ESE	10	------------	N. ESE
14	Calm	NW	NW	SE	Calm	SE	19.1	27.9	75.1	37.5	159.6	10	A.-Cu. E	S.-Cu.	10	Ci.-S. N	Cu.-N. E
15	ESE	E	E	SSE	SSE	Calm	33.8	43.3	51.7	28.2	157	6	Ci.	S.-Cu. SE	10	Ci.-S.	Cu.-N. E
16	Calm	Calm	SE	SE	Calm	Calm	13.4	68.2	53.4	10.5	145.5	8	Ci. SW	Cu.-N. E	10	------------	N. SE
17	Calm	Calm	SE	SSE	E	Calm	18.7	41.3	49.7	18.5	128.2	10	A.-Cu.	N.-cf.	10	A.-Cu. SE	Cu. E
18	Calm	NW	ESE	ESE	ESE	E	16.7	61.5	77.5	38	193.7	4	Ci.	Cu.-N. E	10	------------	N. E
19	WNW	WNW	ESE	SE	Calm	Calm	23	51.3	66.3	20.1	160.7	4	Ci.	S.-Cu. ESE	10	Ci.-S.	N. SE
20	Calm	NW	E	SE	S	WNW	16.1	39.9	60.4	20.3	136.7	10	Ci.-S.	Cu.-N.	10	Ci.-S.	N. E
21	WNW	WNW	SSE	Calm	Calm	Calm	35.2	37	31.4	19.6	123.2	10	Ci.-S. SW	Cu.-N.	10	Ci.-S.	Cu.-N.
22	WNW	WNW	Calm	SE	SSE	W	34	36.2	62.6	48.8	181.6	10	Ci.-S.	Cu. ESE	10	Ci.-S.	Cu.-N. E
23	Calm	W	Calm	SSE	Calm	Calm	12.4	31.4	43	26.9	113.7	10	A.-Cu. SE	S.-Cu. E	10	Ci.-S.	N.-cf. ESE
24	Calm	Calm	ESE	SE	Calm	Calm	26.6	36.8	65.4	20.4	149.2	10	------------	Cu.-N. SE	10	Ci.-S.	N. SE
25	W	Calm	Calm	SE	Calm	Calm	24.6	29.6	62.2	7.4	123.8	10	A.-Cu. ESE	S.-Cu.	6	A.-Cu. SE	Cu.-N.
26	Calm	Calm	SSE	SSE	SE	S	17.4	60.6	70.6	52	200.6	10	Ci.-S. S	S.-Cu.	10	Ci.	Cu.-N. S
27	Calm	Calm	S	Calm	Calm	Calm	21.1	36.2	41.2	19	117.5	6	Ci. N	S.-Cu.	10	------------	Cu.-N.
28	NW	NW	S	W	Calm	Calm	40.7	51.3	50.2	12.1	154.3	10	A.-Cu.	N. NW	10	A.-Cu.	S.-Cu.
29	Calm	Calm	ESE	SSE	Calm	Calm	22	26.2	52.1	5.6	105.9	10	------------	S.-Cu. NW	9	Ci.	Cu.-N. WNW
30	Calm	Calm	SE	S	SE	Calm	11.8	32.8	53.9	15.3	113.8	5	A.-Cu. NW	Cu.	10	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	26.6	42.2	60.3	28.2	157.3	8.5	------------	------------	8.9	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	4,717.6	----	------------	------------	----	------------	------------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, −1.82 mm.]

JULY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.99	59.93	59.85	57.22	57.15	58.62	58.63	25	25	30.4	33	28.2	26.3	28	33.3	24.5	95	96	77	59	80	91	83	------
2	57.92	58.06	57.48	55.88	57.05	58.52	57.48	26.8	26	30.8	32.6	28.4	26.4	28.5	33.2	24.6	94	94	67	64	82	90	81.8	------
3	57.26	57.42	57.39	55.86	56.82	58.30	57.18	25.9	25.5	31.6	32.2	28.6	27.5	28.6	33	25	93	96	70	65	80	84	81.3	------
4	57.38	58.33	58.58	56.82	57.19	59.05	57.89	26.5	26	31.6	33	29	27.5	28.9	33.9	24.2	93	96	70	61	79	88	81.2	------
5	58.32	58.48	58.92	57.63	58.22	59.20	58.46	27.2	26.7	32.5	28.5	27.1	26.4	28.1	35.1	25	92	94	68	88	83	92	86.2	0.5
6	58.44	58.94	59.18	57.77	57.96	59.34	58.60	25.5	25.3	31.1	30.8	28.8	28.2	28.3	33.4	24.4	94	96	71	71	79	80	81.8	------
7	58.70	59.03	59.53	58.42	58.80	60	59.08	26.3	26.2	31	28.7	28	27	27.9	32.1	24	91	92	65	80	81	90	83.2	9.7
8	59.41	60.03	60.45	58.88	59.34	60.93	59.84	25.9	26	30.5	29.7	26.9	26.5	27.6	32.8	24.8	93	96	78	77	90	91	87.5	2.2
9	59.62	60.23	60.69	58.80	59.68	60.66	59.95	25.4	26.2	31.4	32.6	26.3	26	28	33.4	24.6	95	94	68	66	93	94	85	10.7
10	59.22	59.80	60.48	58.38	58.87	60.01	59.46	25.8	25.9	30.3	32	27	25.4	27.7	32.9	24.7	96	96	76	66	86	95	85.8	3
11	58.96	58.80	59.97	58.47	58.67	59.88	59.12	25.9	25.5	28.5	28	27.1	25.8	26.8	30.4	24.1	93	91	81	86	88	94	88.8	2.1
12	58.38	58.68	59.38	58.43	58.06	59.24	58.70	25	25	30.3	26	26.5	24.1	26.2	30.5	23.5	96	95	75	92	92	96	91	10.6
13	57.88	58.12	58.59	57.19	57.38	58.48	57.94	24.6	25.2	26.8	26.3	25	25	25.5	29.1	23.6	97	95	86	90	92	92	92	16
14	57.23	57.40	58.15	56.35	56.87	58.24	57.37	24.9	24.5	26.2	28.5	28	24.7	26.1	29	23.6	92	97	90	83	88	94	90.7	5.3
15	57.18	57.26	57.75	56.63	57.14	58.15	57.35	24.5	24.5	29.5	31	25.5	24.8	26.6	31.6	23.9	96	92	75	72	83	90	84.7	.8
16	57.78	57.98	58.78	58.14	57.19	58.63	58.08	25.2	24.5	27.7	26.4	26	24.8	25.8	28.5	23.6	90	96	90	86	85	93	90	3.1
17	57.58	57.66	57.73	56.39	56.91	58.07	57.39	24.9	24.5	28.5	32	27.5	25.9	27.2	32.8	23.6	92	97	83	66	76	93	84.5	------
18	56.89	57.08	56.87	55.33	56.71	57.87	56.79	25.5	25	31	31	27.8	26	27.7	33	24.2	96	97	75	69	80	92	84.8	------
19	56.50	56.42	56.85	55.33	55.90	57.21	56.37	24.4	24.5	31	32.4	28.5	27.1	28	32.8	23.5	97	96	72	64	80	83	82	------
20	56.12	56.49	57.02	55.32	56.01	57.79	56.46	27.4	26	31.9	32.8	29.1	28	29.2	33.8	25.2	89	96	69	61	77	85	79.5	------
21	56.62	57.48	57.46	56.30	57.45	59.64	57.49	26.1	26.5	30.5	30	28.6	27	28.1	33	25	94	92	75	73	83	92	84.8	5.6
22	58.16	58.25	58.97	57.73	58.54	59.49	58.52	25.5	25.9	29.8	31.5	29.4	27.4	28.2	32.6	24.1	93	93	77	68	75	85	81.8	------
23	57.98	58.55	59.33	57.49	57.11	58.22	58.11	25.5	25.2	31.5	26	27.6	25.8	26.9	34	24	94	95	72	89	91	93	89	23.9
24	56.89	56.75	56.86	55.04	55.50	57.22	56.38	26.3	25.5	30.5	31.5	28	26	28	32.5	23.6	88	96	76	73	88	94	85.8	.9
25	55.74	55.84	56.11	55	55.92	57.24	55.98	25.4	26	29.4	30.5	28	26	27.6	32.6	24	97	96	76	68	83	92	85.3	------
26	56.26	55.79	55.63	54.50	55.54	56.69	55.74	25.6	25.4	31	32.4	29	25.5	28.2	33.6	24	93	93	59	61	74	94	79	2.8
27	55.19	55.88	55.87	54.55	54.89	55.62	55.33	26.5	25.5	30.3	31.3	25.5	25.4	27.4	33.2	24.2	82	92	71	64	88	93	81.7	6.8
28	54.14	54.21	54.92	53.10	53.04	53.99	53.90	26	24.7	28.8	27	27.5	25.8	26.6	31.3	23.5	82	96	80	90	79	87	85.7	2.3
29	52.67	52.34	53.02	52.04	52.93	53.58	52.76	26.6	27	29.4	27.5	25.8	26.4	27.1	29.7	24.3	80	77	66	85	85	81	79	19.6
30	52.18	53.21	54.39	54.26	55.07	55.98	54.18	27.6	26.8	29.3	28.2	26.6	27	27.6	30	24.5	70	74	64	72	77	71	71.3	1.5
31	55.06	55.37	56.22	55.40	55.42	57.05	55.75	25.1	25.6	29.6	31.2	28.8	24.9	27.5	32.3	23.1	83	76	63	58	68	88	72.7	------
Mean	57.12	57.41	57.82	56.41	56.88	58.16	57.30	25.8	25.6	30.1	30.1	27.6	26.1	27.5	32.2	24.2	91.3	93	73.7	73.1	82.7	89.6	83.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	127.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	ESE	SSE	S	Calm	14.7	35.4	65.2	10	125.3	8	A.-Cu.	S.-Cu. W	5	Ci.	Cu.-N.
2	Calm	Calm	SE	S	Calm	Calm	18.2	44.5	47.8	10.2	120.7	10	Ci.-S. N	S.-Cu.	10	Ci.-S.	Cu.-N.
3	Calm	Calm	SE	SE	Calm	SSE	20.3	53.1	77.5	24.9	175.8	4	Ci.	S.-Cu. SE	1	------------	Cu.-N.
4	Calm	Calm	SSE	SE	Calm	Calm	9.5	46.7	60.2	14.5	130.9	1	------------	Cu.-N.	2	------------	Cu.-N.
5	Calm	NW	ESE	Calm	Calm	WNW	10.3	32.4	37.2	22.8	102.7	1	Ci.	Cu.	10	Ci.	N. NW
6	Calm	Calm	SE	SE	SE	ESE	22.5	26.2	74.8	31.2	154.7	8	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N.ENE
7	Calm	Calm	SE	E	Calm	SE	9.1	36.7	46.9	43.8	136.5	9	A.-Cu. SE	S.-Cu. ESE	10	Ci.	Cu.-N. ESE
8	Calm	W	E	SE	Calm	WNW	21.4	34.9	59	16.3	131.6	10	------------	N. SE	9	Ci.	Cu.-N. ESE
9	Calm	WNW	E	SE	Calm	WNW	15.1	35.6	74.3	33.3	158.3	10	A.-Cu.	S.-Cu. ESE	5	Ci.	Cu.-N. E
10	WNW	NW	E	SE	NW	Calm	38.6	34.6	59.7	17.5	150.4	10	Ci.-S.	Cu.-N. E	7	Ci.	Cu.-N. E
11	WNW	WNW	Calm	Calm	Calm	Calm	40.5	30.3	14.2	23.9	108.9	2	Ci.	Cu.-N.	10	------------	N.
12	WNW	W	S	SSE	Calm	Calm	37.6	36	34.9	11.5	120	7	Ci.-S. S	Cu.-N.	10	------------	N. SE
13	W	WNW	Calm	Calm	Calm	Calm	39.1	28	25.9	30.4	123.4	10	Ci.	N. ESE	10	------------	N. ESE
14	NW	Calm	NW	Calm	Calm	Calm	35.7	31.9	17.9	15.8	101.3	10	------------	N. E	10	Ci.-S.	Cu. SE
15	NW	Calm	S	SE	Calm	Calm	33.5	35.9	60.9	22.5	152.8	10	------------	N.-cf.	10	Ci.	Cu.-N. E
16	NW	NW	Calm	E	Calm	Calm	52	31.7	28.4	19.1	131.2	10	------------	Cu.-N. ESE	10	------------	N.-cf. ESE
17	W	W	WNW	ESE	ESE	Calm	26	47.2	43	34.9	151.1	10	Ci.-S. NE	Cu.-N.NW	10	Ci.-S.	Cu.-N. E
18	NW	NW	ESE	ESE	W	Calm	37.5	38.8	51.7	14.5	142.5	10	Ci.-S.	S.-Cu.	9	Ci.	Cu.-N.
19	Calm	Calm	SE	SE	SSE	Calm	9.4	39.4	79.5	28.5	156.8	3	Ci.	S.-Cu.	5	Ci.	Cu.-N.
20	NE	Calm	SE	SE	Calm	Calm	20.3	45.9	62.8	22.5	151.5	10	Ci.	S.-Cu. SE	5	Ci.	Cu.-N.
21	Calm	Calm	E	SSW	Calm	W	16.4	32	35.2	27.9	111.5	9	Ci.	Cu.-N.SSE	10	Ci.-S.	Cu.-N. NW
22	Calm	Calm	W	NW	W	Calm	20.6	23.6	49.4	31.4	125	10	Ci.-S. ENE	S.-Cu.	10	Ci.-S. E	Cu.-N. NW
23	Calm	Calm	SE	Calm	Calm	Calm	10.5	30.4	36	11.8	88.7	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. NW
24	W	Calm	ESE	SE	Calm	Calm	17.7	30.9	41	12.4	102	6	Ci.	S.-Cu.	10	Ci.	Cu.-N.. W
25	Calm	Calm	E	WNW	WNW	Calm	14.7	30	44.1	36.2	125	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. SW
26	Calm	Calm	SW	SW	S	Calm	22.7	75	53.9	34.1	185.7	10	A.-Cu. W	S.-Cu. SW	10	A.-Cu. W	Cu.-N.WSW
27	S	Calm	S	SSW	SW	Calm	29.8	49.6	62.8	10.7	152.9	10	------------	Cu.-N.WSW	10	------------	N.
28	WSW	Calm	SW	W	SW	Calm	18.7	30	49.3	29	127	10	------------	S.-Cu. W	10	------------	N. W
29	Calm	WSW	SSW	S	SW	SW	29	62.2	45.7	65.4	202.3	10	------------	N.-cf. W	10	------------	N. WSW
30	SW	SW	SW	SW	SW	SSW	69.2	103	74.3	43.8	290.3	10	------------	N. WSW	10	------------	Fr.-N.WSW
31	Calm	SSW	SSW	S	Calm	Calm	29.2	62.6	51.5	11.9	155.2	10	Ci.-S. NW	S.-Cu. SW	10	Ci.-S.	S.-Cu. S
Mean	------	------	------	------	------	------	25.5	41.1	50.5	24.6	141.7	8.3	------------	------------	8.6	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,392	----	------------	------------	----	------------	------------

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

AUGUST, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.53	56.58	57.34	55.93	55.85	57.46	56.62	25.2	24.5	30.5	32.4	29.5	26	28	33.9	23.6	92	94	72	60	77	92	81.2	------
2	57.33	57.37	57.99	55.90	56.76	58.10	57.24	26	24.4	31.3	30.4	28.8	27.4	28	33	23.6	94	95	69	73	85	92	84.7	------
3	57.52	57.72	57.65	56.33	56.60	58.02	57.31	26.4	25	31.3	31.2	30.4	27.5	28.6	33	24	95	96	66	67	79	83	81	------
4	56.98	56.63	57.10	55.66	56.20	58	56.76	25.7	25	31.5	33.5	30.5	26.7	28.8	34.5	24	93	95	69	63	66	90	79.3	------
5	56.71	57.37	58.21	56.79	57	58.61	57.45	26.6	25.2	28.6	29.5	28.4	26.8	27.5	29.8	24.7	89	95	80	75	82	92	85.5	------
6	57.64	58.11	58.39	57	57.42	58.98	57.92	26	25.9	31	30.6	28.8	26	28	32.1	24.6	88	93	72	70	79	92	82.3	------
7	58.44	58.32	58.81	56.87	57.31	58.81	58.09	24	25.5	31.3	33	30	27.5	28.6	33.6	23.4	96	96	63	59	66	82	77	------
8	57.76	57.80	57.76	55.39	55.95	57.64	57.05	26.1	25	31.5	33.7	31	27.4	29.1	35.1	23.5	86	96	69	55	65	86	76.2	------
9	56.32	56.30	56.93	55.47	56.24	58.07	56.56	26	24.9	33	35	30.8	28.5	29.7	35.7	24.1	90	94	58	54	69	81	74.3	1.3
10	56.91	57.53	57.97	56.74	57.69	59.41	57.71	26.5	27	32	34	30.2	27.5	29.5	34.3	24.6	88	71	54	59	71	76	69.8	------
11	58.33	58.89	58.85	57.13	57.85	59.37	58.40	25.9	26.2	31.4	31	29	26.5	28.3	32	24.2	88	90	57	68	78	90	78.5	------
12	58.79	58.61	58.46	56.85	56.67	58.41	57.96	25	25.9	32	32.2	29.3	27	28.6	33.9	24	92	93	66	54	72	78	75.8	------
13	57.69	57.97	58.05	56.03	56.53	58.22	57.42	25.5	24.4	31.5	31.2	30.6	27.8	28.5	33.8	23.5	91	95	63	63	62	79	75.5	------
14	57.66	57.77	57.59	56.72	56.90	58.56	57.53	25.5	25	31.8	31.3	30.5	27.9	28.7	34.8	23.5	89	92	65	67	61	78	75.3	------
15	57.43	57.24	58.28	57.21	57.67	59.25	57.85	26	25.7	31.4	31	26.7	26.1	27.8	33.4	24.9	89	94	66	65	91	96	83.5	2.7
16	58.04	58.53	58.85	57.20	57.51	58.56	58.12	25.4	25.1	28.3	29.3	28.5	27	27.3	30	23.9	93	87	81	74	80	88	83.8	------
17	56.91	57.13	57.29	55.55	56.02	57.08	56.66	26.5	25.4	29.4	30.8	28	25.7	27.6	32.3	24.5	90	85	71	67	79	90	80.3	------
18	55.60	55.67	56.39	55.16	55.83	57.32	56	24.5	25	32.2	26.6	27	25	26.7	32.7	23.5	94	92	64	90	90	96	87.7	14.9
19	55.32	55.93	56.61	55.02	55.99	56.98	55.98	25.3	25.7	28.1	29.9	28.6	26	27.3	31.4	24.3	93	96	84	75	75	88	85.2	5.4
20	55.74	55.92	56.51	55.35	56.27	57.27	56.18	25.5	25	30.7	31.2	28.5	26.2	27.8	32.4	24.2	93	88	67	69	84	94	82.5	.3
21	56.19	56.57	57.02	56.01	56.66	58.36	56.80	24.9	24.8	32.4	33	29	27	28.5	33.7	23.5	92	92	61	61	81	89	79.3	------
22	56.92	57.45	57.57	55.98	56.84	57.93	57.12	26.3	25.7	30	32	29.5	27	28.4	33.5	24.6	93	96	78	67	80	84	83	.3
23	56.58	56.47	57.33	56.08	56.31	58.22	56.83	26.4	25.6	31.5	30.5	29	27.5	28.4	33.8	24.5	93	95	66	71	81	92	83	------
24	56.95	57.25	58.26	56.24	57.27	58.94	57.48	26.1	25.5	29.5	31.3	28.8	25.4	27.8	32	24.4	91	94	72	69	82	87	82.5	.1
25	57.91	58.19	58.96	57.26	58.11	60.19	58.44	25.5	25	31	31.5	28.5	27.3	28.1	33	24.2	92	96	72	62	80	82	80.7	5
26	59.03	59.43	59.61	57.70	58.22	60.76	59.12	25	25.4	30	30.8	29.5	24	27.4	32.6	22.5	93	95	73	69	73	91	82.3	21.5
27	60.14	60.66	60.73	58.78	59.45	60.56	60.05	23.6	24.9	26.8	30.7	27.9	24.5	26.4	32.5	23	95	91	78	65	74	92	82.5	------
28	59.70	59.74	60.45	58.25	58.85	60.59	59.60	24.9	24.9	31	32.7	28.3	27.2	28.2	33.1	23.4	93	96	72	65	82	89	82.8	9.4
29	59.67	59.22	59.18	57.39	57.76	59.27	58.75	25.6	25.3	30	32.5	30.5	27	28.5	33	24	92	96	73	59	68	86	79	------
30	58.62	58.99	59.19	57.16	57.14	58.46	58.26	26.6	25.9	30	30.7	28.6	27.8	28.3	32	25	90	94	75	65	76	83	80.5	1
31	57.30	58	58.99	56.84	57.18	58.14	57.74	26	24.2	27.2	27.1	27.5	26	26.3	30.1	23.5	82	86	83	81	73	89	82.3	15.4
Mean	57.51	57.72	58.14	56.52	57.03	58.57	57.58	25.6	25.3	30.6	31.3	29.1	26.7	28.1	32.9	24	91.3	92.5	69.6	66.5	76.2	87.3	80.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	77.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SE	W	S	Calm	12.9	32.5	46.4	21.9	113.7	10	Ci.-S. ENE	S.-Cu.	10	Ci.-S. E	Cu. WSW
2	W	Calm	ESE	SE	SE	WNW	26.2	37.5	57.6	21.2	142.5	8	Ci.-S. E	S.-Cu.	10	Ci.-S.	Cu.-N. WSW
3	Calm	Calm	S	ESE	Calm	W	14	31.1	49.1	18.2	112.4	10	Ci.-S. E	S.-Cu.	10	Ci.	Cu.-N. W
4	Calm	Calm	ESE	SSE	NW	Calm	11.6	25.4	52.9	23.8	113.7	7	A.-Cu.	S.-Cu.	7	A.-Cu.	Cu.-N. W
5	Calm	Calm	SSE	SE	Calm	Calm	13.4	20.9	21.7	11.9	67.9	10	Ci.-S.	S.-Cu.	10	------------	S.-Cu.
6	NW	WNW	E	SE	SE	Calm	22	32.5	42.6	17.9	115	10	------------	S.-Cu.	10	Ci.-S.	Cu.-N.
7	Calm	NW	SE	W	WNW	WNW	23	56.3	76.6	38.3	194.2	2	Ci.	Cu.	4	Ci.	Cu. WSW
8	Calm	Calm	ESE	ESE	SSW	Calm	14	38.9	44.5	23	120.4	2	Ci.	Cu.	4	------------	Cu.-N. W
9	Calm	Calm	S	SSW	SW	Calm	18.5	47.5	60.4	18.3	144.7	8	Ci.-S.	Cu.	7	Ci.	Cu. WSW
10	WNW	SW	SW	Calm	Calm	Calm	28	50.7	34	14	126.7	7	Ci.-S. E	Cu.	10	Ci.-S.	Cu.-N. W
11	Calm	Calm	SW	E	Calm	Calm	19.5	44.5	32.7	13.9	110.6	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu. W
12	Calm	Calm	ENE	WNW	WNW	WNW	16.9	34.8	109.4	55.7	216.8	10	Ci.	S.-Cu. W	10	Ci.-S.	Cu. W
13	Calm	Calm	SE	SE	NW	WNW	10.2	42	61.8	31.4	145.4	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. W
14	Calm	Calm	E	SSE	WNW	W	16.3	43.5	56.3	50.9	167	7	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. W
15	Calm	Calm	SE	SW	Calm	Calm	11	49.3	35.9	16.9	113.1	10	------------	S.-Cu.	10	------------	Cu.-N.
16	Calm	NW	NW	NW	Calm	Calm	51.3	46.2	56	33.2	186.7	10	A.-Cu.	S.-Cu. ENE	10	------------	Cu.-N. N
17	Calm	WNW	WNW	WNW	WNW	Calm	32	63.3	67	36.5	198.6	10	------------	Cu.-N. N	10	Ci.-S.	Cu.-N. N
18	Calm	Calm	E	Calm	Calm	Calm	9.4	31.4	27.7	7	75.5	10	Ci.	Cu.-N.	10	------------	N.
19	Calm	Calm	Calm	SE	W	Calm	18.3	24.3	44.8	26	113.4	10	Ci.-S.	Cu.-N. WSW	10	A.-Cu.	Cu.-N. WSW
20	Calm	Calm	SSE	WNW	SE	Calm	24.6	38.6	41.3	11.1	115.6	10	A.-Cu.	S.-Cu. SW	10	A.-Cu.	Cu.-N. WSW
21	Calm	Calm	SE	SE	S	Calm	15.8	67.8	75.4	15.3	174.3	7	Ci.	S.-Cu.	9	Ci.-S.	Cu. W
22	Calm	W	SE	ESE	Calm	WNW	19.6	41.3	39.9	21.1	121.9	10	Ci.-S.	Cu.	10	Ci.-S.	N. W
23	Calm	Calm	SE	SE	Calm	Calm	14.8	45.7	49.7	8.5	118.7	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. W
24	WNW	Calm	SE	SE	SE	Calm	18.8	31.1	71.9	32	153.8	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
25	WNW	Calm	SE	WSW	SE	S	27.6	27.1	55.2	45.3	155.2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. WSW
26	S	Calm	SSE	ESE	NW	Calm	20.1	38.8	37.5	46.5	142.9	10	Ci.-S. ESE	Cu.-N.	9	Ci.	Cu.-N. W
27	Calm	NW	WNW	NNW	NW	Calm	27.9	51	44.8	15.8	139.5	10	------------	N. NW	10	Ci.-S.	Cu.-N. NW
28	WNW	WNW	ESE	ESE	Calm	WNW	22	40	35.6	15.3	112.9	8	------------	S.-Cu.	3	------------	Cu.-N. W
29	Calm	WNW	NW	NW	NW	WNW	21.9	28.8	81.8	20.6	153.1	6	Ci.-S.	Cu.	3	Ci.	Cu.-N.
30	Calm	Calm	SE	NW	W	NW	23.8	30.3	44	27.4	125.5	10	Ci.-S. NE	S.-Cu.	10	Ci.-S.	Cu.-N.
31	WNW	Calm	WNW	NW	NW	NW	32.8	35.9	51.7	47.7	168.1	10	------------	N.	10	A.-Cu. E	Cu.-N.
Mean	------	------	------	------	------	------	20.6	39.6	51.8	25.4	137.4	8.8	------------	------------	8.8	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	4,260	----	------------	------------	----	------------	------------

TACLOBAN.

[ϕ=11° 15′ N ; λ=125° 00′ E ; barometer above sea, 3.4 meters ; gravity correction not applied, —1.82 mm.]

SEPTEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.34	57.91	58.27	56.47	56.76	58.33	57.51	24.3	24.7	30.7	28.7	27.4	25	26.8	31	22.8	94	89	67	83	89	95	86.2	6.1
2	57.12	57.74	57.81	55.92	56.41	57.81	57.14	24.9	24.4	31.6	29.5	28.6	27	27.7	32.2	23.2	96	97	63	77	73	83	81.5	.5
3	56.71	57.47	57.84	55.84	56.08	57.32	56.88	25.9	25	29.6	30.6	27.5	26	27.4	31.6	24	91	93	70	67	81	84	81	------
4	56.44	56.58	57.34	55.52	56.47	57.27	56.60	24.6	24	31.5	28	26.4	26	26.8	32.6	23.1	92	95	65	86	81	87	84.3	3.8
5	56.22	55.80	56.26	54.49	54.92	56.70	55.73	24.6	25.3	31	31	29.5	26.4	28	32.9	23.5	95	93	71	72	71	87	81.5	------
6	55.72	55.25	55.66	53.88	54.71	56.59	55.30	26.4	25.9	31.3	33.4	28.2	24.9	28.4	34	23.8	89	89	61	57	83	96	79.2	43.9
7	54.70	54.96	55.37	53.95	54.20	56.32	54.92	26.4	27	31	30.6	28.4	26.6	28.3	33	24	78	74	67	65	77	80	73.5	------
8	54.96	54.84	55.20	53.49	54.52	55.72	54.79	25.8	26.8	32.3	32.4	29.4	27	29	33.9	24.1	81	74	60	57	67	73	68.7	------
9	54.93	55.34	56.31	54.90	55.56	57.29	55.72	25.4	26.5	31.5	30.9	30	27.3	28.6	33.1	24.4	87	80	62	66	62	81	73	------
10	56.22	56.18	57.20	55.32	56.16	57.31	56.40	26.5	24.8	31.8	32.5	29	27.9	28.8	34.3	24.2	86	93	66	58	71	78	75.3	------
11	56.08	55.73	56.34	55.04	55.49	56.15	55.80	26.8	24.9	30.5	31.5	29.4	28	28.5	32.6	24	84	91	68	66	68	77	75.7	5.6
12	56.07	56.58	56.57	54.89	56.11	57.34	56.26	27.4	25.4	31	31.5	26.8	26.1	28	33	24.5	81	88	73	63	83	83	78.5	2.5
13	55.93	57.26	58.38	55.59	56.24	57.85	56.88	26.8	25.7	26.6	31	28.6	26.9	27.6	31.9	24.8	82	93	89	67	76	90	82.8	5.2
14	57.20	57.55	58.05	56.96	57.64	58.91	57.72	26	23.6	30.2	28.5	26.1	25.8	26.7	33.2	22.4	92	86	71	77	89	90	84.2	13.7
15	58.35	58.63	58.08	57.01	57.92	59.72	58.28	24.4	24	27.6	30	27	26.7	26.6	31.7	23.2	95	95	80	73	83	85	85.2	------
16	58.94	59.09	60.15	58.97	59.02	59.73	59.32	25.6	25.2	29.8	26	27	25.3	26.5	30.5	24	93	97	73	90	88	93	89	12.6
17	58.94	58.66	58.94	57.18	57.97	59.41	58.52	25.3	24.6	30.5	31.6	27.3	26.5	27.6	32.5	23.9	93	96	72	68	88	93	85	1.3
18	57.84	58.65	59.15	56.80	57.87	59.46	58.30	25.9	25.9	27	29.5	27	25.9	26.9	30.4	23.7	95	96	84	76	88	93	88.7	11.9
19	57.97	58.28	58.81	56.70	57.96	59.39	58.18	24.9	25	30.4	30.5	27.7	27.4	27.6	32.1	23.9	95	96	74	72	84	86	84.5	8.2
20	58.16	58.65	59.24	56.90	57.36	58.80	58.18	25.5	24.9	30.9	32	28.8	27.3	28.2	32.5	24.2	93	96	75	66	80	85	82.5	------
21	57.47	58.89	59.44	57.40	57.69	59.29	58.36	26.5	26	31.5	31	28.3	27	28.4	33.5	25	91	92	66	71	82	87	81.5	1.3
22	57.97	57.99	58.61	56.38	57.61	58.87	57.90	26	25.6	31.6	31.4	28	26.1	28.1	33	24.9	94	95	68	70	85	88	83.3	------
23	58.03	58.17	58.35	55.77	57.09	58.53	57.66	25.7	25	30.3	32.7	28.7	27	28.2	34.4	24.4	94	96	63	59	78	88	79.7	------
24	57.27	57.85	58.58	56.77	57.64	58.90	57.84	26.2	25	31.5	32.5	28.6	26.8	28.4	33.6	24.5	90	96	69	61	80	87	80.5	------
25	57.80	58.25	59.01	57.55	57.81	59.57	58.33	26.5	26	32	28.9	27.3	26.4	27.8	34	25	92	95	66	77	85	93	84.7	------
26	59.04	59.33	59.35	57.32	58.54	59.63	58.87	26.1	26	31	31	26.2	25.6	27.6	35.2	24.4	91	95	69	67	92	93	84.5	.6
27	58.59	59.08	59.66	58.28	58.22	59.96	58.96	25.6	25	31.6	25.4	26	26.5	26.7	34.5	24	90	95	68	88	95	94	88.3	4
28	58.96	59.65	60.01	58.10	57.86	59.51	59.02	25.2	24.8	30.5	29.7	26.5	25.8	27.1	33	24.1	95	98	72	69	85	93	85.3	.9
29	58.54	58.93	59.29	57.65	58.65	59.91	58.83	26	25.5	31.5	28.7	27.7	25.9	27.6	32.8	24.7	94	96	65	76	85	93	84.8	------
30	58.46	59.17	59.54	57.81	58.74	59.97	58.95	25.6	25.4	32	28	26.4	26.3	27.3	34.5	24.4	93	93	66	79	89	91	85.2	1.8
Mean	57.27	57.62	58.09	56.30	56.97	58.39	57.44	25.8	25.3	30.7	30.3	27.8	26.4	27.7	32.9	24	90.5	92.1	69.4	70.8	81.3	87.5	81.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	123.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	Calm	SE	Calm	Calm	Calm	15.8	36.7	19.9	10	82.4	4	A.-Cu.	S.-Cu. W	9	Ci.	Cu.-N.
2	Calm	Calm	S	Calm	WNW	W	15	35.1	41	50.7	141.8	6	Ci.	Cu.-N. SE	9	Ci.-S.	Cu.-N. W
3	Calm	Calm	Calm	WNW	WNW	Calm	23.9	30	99	21.9	174.8	10	Ci.-S.	S.-Cu. WNW	10	Ci.-S.	Cu.-N. W
4	WNW	Calm	ESE	Calm	W	WNW	13.5	33.2	40	30.3	117	10	A.-Cu.	S.-Cu.	10	------------	N. W
5	Calm	NNW	ESE	ESE	WNW	Calm	13.1	42.8	65.8	34	155.7	10	Ci.-S. ESE	S.-Cu.	10	Ci.-Cu.	Cu.-N. W
6	Calm	W	SW	SW	Calm	S	20.6	65.4	60	32	178	10	A.-Cu. W	S.-Cu.	10	A.-Cu.	Cu.-N. WSW
7	S	WSW	SW	SW	SW	Calm	39.2	46.4	49.9	27.9	163.4	10	A.-Cu.	S.-Cu. WSW	10	------------	Cu.-N. WSW
8	Calm	SSW	SW	SW	SW	SW	33	60.2	63.9	34.1	191.2	6	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N. WSW
9	Calm	S	S	WNW	W	W	19.1	51.7	44.6	47	162.4	10	Ci.-S. NE	S.-Cu. WSW	10	Ci.-S.	Cu.
10	Calm	Calm	S	W	W	WNW	18	41.3	83.1	47	189.4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. W
11	WNW	Calm	Calm	SW	WNW	WNW	21.4	28.7	75	67.9	193	10	A.-Cu.	S.-Cu. NNW	10	Ci.	Cu.-N. W
12	NW	WNW	W	WNW	NW	WNW	74.8	49.4	102.5	81.8	308.5	10	------------	N. WNW	10	------------	Cu.-N. W
13	WNW	Calm	NW	NW	Calm	Calm	48.8	35.4	50.1	19.9	154.2	10	A.-Cu.	S.-Cu. NW	10	Ci.-S.	Cu.-N. WNW
14	NW	SSW	E	W	Calm	Calm	46.1	37.3	52.8	11.1	147.3	10	------------	N. W	10	------------	Cu.-N.
15	SE	Calm	Calm	SE	SE	Calm	40.2	19.9	67	32.8	159.9	10	A.-Cu.	N.-cf.	10	Ci.-S. SE	Cu.-N.
16	Calm	WNW	SSE	Calm	Calm	Calm	18	41	23.6	8.3	90.9	10	Ci.-S.	S.-Cu. NW	10	------------	N. ESE
17	W	WNW	Calm	SE	WNW	WNW	33.2	35.2	55	36	159.4	9	Ci.-S.	S.-Cu. ENE	7	Ci.	Cu.-N. ENE
18	W	Calm	NW	Calm	Calm	Calm	31.6	28.2	20.1	23.5	103.4	10	------------	N.	10	Ci.-S.	Cu.
19	Calm	NW	ESE	SE	ESE	SE	25.5	42.6	61.4	56.1	185.6	7	Ci.	Cu.-N.	10	Ci.-S.	Cu., Cu.-N.
20	Calm	Calm	SE	SSE	SE	SE	17.4	41.6	64.4	50.4	173.8	5	Ci.	Cu.-N. SE	8	Ci.	Cu.-N.
21	Calm	WNW	Calm	SE	S	Calm	25.4	35.4	50.9	19.6	131.3	4	Ci.	Cu. ESE	5	Ci. E	Cu.-N. ESE
22	Calm	W	E	SE	SE	WNW	25.2	43.3	67.3	38.8	174.6	4	Ci.	Cu. NE	9	Ci.-S. SSW	Cu.-N.
23	W	W	NNW	SE	Calm	Calm	38.1	32.2	59	17.9	147.2	4	Ci.	Cu.	4	Ci. NW	Cu.-N.
24	W	Calm	ESE	SE	Calm	Calm	23.1	44.1	63.4	17.9	148.5	3	Ci.	Cu. SE	4	Ci.	Cu.-N.
25	Calm	WNW	E	Calm	W	W	29.2	41	38.3	16.9	125.4	10	Ci.-S. W	S.-Cu.	10	------------	Cu.-N.
26	NW	NW	Calm	SE	Calm	W	27.6	44.6	49.7	29.6	151.5	10	A.-Cu.	Cu.-N. NW	10	Ci.-S.	Cu.-N.
27	NW	Calm	Calm	SE	Calm	Calm	34	28.2	38.1	17.4	117.7	7	Ci.-S.	Cu.	10	------------	N. ESE
28	Calm	Calm	ESE	E	WNW	Calm	14.3	39.7	45.9	20.4	120.3	10	Ci.	Cu.-N. S	10	------------	Cu.-N. SSE
29	WNW	Calm	S	Calm	Calm	Calm	30.8	38.9	30.8	23.3	123.8	4	Ci.	Cu. E	10	------------	Cu.-N.
30	NW	WNW	Calm	WNW	WNW	NW	55.2	44.6	52.8	44.9	197.5	10	Ci.-S.	S.-Cu.	10	------------	Cu.-N. E
Mean	------	------	------	------	------	------	29	39.8	54.5	32.3	155.7	8.1	------------	------------	9.2	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	4,669.9	------	------------	------------	------	------------	------------

TACLOBAN.

[ϕ=11° 15′ N ; λ=125° 00′ E ; barometer above sea, 3.4 meters ; gravity correction not applied, —1.82 mm.]

OCTOBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.41	59.35	59.30	56.63	57.87	58.95	58.42	25.7	26	29.5	30.6	27.5	26.5	27.6	32	25	94	95	76	74	90	92	86.8	3.3
2	57.18	57.18	57.49	55.13	56.13	56.66	56.63	26.3	26.3	29.5	26.5	27	26.8	27.1	33	24.8	93	92	75	85	92	90	87.8	5.1
3	55.01	56.15	56.80	54.25	55.49	56.97	55.78	25.8	25.4	29.5	28	26.9	26	26.9	31.1	24.6	93	93	77	85	88	94	88.3	2
4	55.39	56.07	56.98	54.74	55.66	57.03	55.98	25	25.5	29.1	28.2	27.8	27	27.1	30.5	24	95	94	77	83	80	87	86	1.5
5	55.74	56.44	56.34	54.56	55.56	56.68	55.89	25.9	25.7	30.8	29	27.6	26.8	27.6	32.6	24.7	83	91	64	78	89	87	82	4.3
6	55.34	55.92	56.06	54.22	54.92	56.14	55.43	25.6	25	31	28	27.5	25	27	32.6	23.7	93	96	72	81	88	93	87.2	46.7
7	55	55.63	56.07	54.06	54.78	56.29	55.30	25.2	24.8	29.3	30.2	27	25.8	27	31.5	23.5	95	97	77	71	90	93	87.2	------
8	55.35	55.79	56.98	54.90	55.74	56.38	55.86	25	25	28.2	29.2	27	26	26.7	29.5	23.8	92	93	83	83	90	95	89.3	5.8
9	55.95	56.48	57.42	55.34	57.09	58.12	56.73	25	24.8	30.6	30.8	24.6	24.4	26.7	32.5	23.3	97	97	67	64	92	93	85	19.6
10	57.19	58.16	58.84	57.05	58.08	59.91	58.20	24.8	25	30.5	29.3	26.9	26.5	27.2	32	23.5	92	92	75	77	89	88	85.5	10.6
11	59.14	59.91	60.18	58.40	59.70	60.45	59.63	24.8	25	31	28.5	27	24.9	26.9	32.7	23.7	93	96	73	85	86	91	87.3	5.3
12	59.17	59.52	60.37	57.81	58.58	58	58.91	25.1	25	26.5	27.5	26.4	26	26.1	27.9	23.8	91	95	93	87	89	92	91.2	2.9
13	57.36	57.78	58.13	56.19	56.37	57.94	57.30	25.5	25.4	28.5	25.5	25	24.8	25.8	29.3	23.5	96	93	80	93	96	95	92.2	27.3
14	57.03	57.55	58.27	56.27	57.17	58.89	57.53	23.9	24.7	29.3	28.8	26.9	24.4	26.3	30.5	22.9	97	96	79	76	85	92	87.5	19.5
15	57.58	58.12	58.33	57.32	58.14	59.25	58.12	25	25	29.5	30.1	26.5	25	26.8	31.4	23.9	93	95	80	76	83	95	87	.9
16	58.50	58.54	58.71	56.27	58.14	59.50	58.28	24.9	25.2	30.5	34.2	25.7	25.2	27.6	34.5	24.3	96	97	75	66	93	94	86.8	7.6
17	58.12	58.14	58.81	56.29	57.21	58.38	57.82	24.5	24.7	30	30.7	26.4	25.6	27	33.3	23.5	96	96	74	70	90	95	86.8	23.2
18	57.20	58.18	58.49	56.32	56.57	58.32	57.51	25	25.5	29.5	30.8	27.5	26.7	27.5	31.5	24.5	96	94	77	74	88	93	87	4.6
19	56.96	57.82	58.80	56.24	57.33	58.60	57.62	26	25.8	28.2	30.5	28	26.5	27.5	31.6	24.5	92	95	83	75	82	90	86.2	.3
20	57.49	58.31	58.84	56.58	57.25	58.40	57.81	26.5	26.2	30	30	27.7	26.5	27.8	32.4	25	92	95	78	77	87	94	87.2	1.3
21	57.33	57.48	58.01	56.34	55.32	57.22	56.95	26.3	25	29.2	26.7	25.5	25.7	26.4	30.7	24	94	93	79	86	91	94	89.5	6.3
22	55.29	55.59	55.78	52.88	52.42	52.56	54.09	25.5	25.5	25.4	23.9	24.8	25	25	26.2	23	96	86	93	88	90	87	90	38.8
23	51.70	52.11	53.82	52.47	53.45	54.87	53.07	24.3	24.9	27.7	29.5	26.8	25.5	26.4	30.8	23.4	93	88	87	72	78	88	84.3	1.6
24	54.04	54.72	55.21	53.51	54.33	55.83	54.61	25.8	26.1	30.2	30.4	26.5	26	27.5	31.7	24.8	88	87	73	79	92	88	84.5	.7
25	54.50	55.34	55.18	53.09	54.55	55.92	54.76	24.6	25.8	31	32.5	26.5	25.5	27.6	33	24	92	89	68	63	92	92	82.7	------
26	54.62	55.64	56.22	54.28	55.12	56.58	55.41	25	24.5	32	31.7	29.2	27.8	28.4	33.5	23	93	96	71	62	72	84	79.7	------
27	55.33	55.98	56.55	54.51	55.50	56.76	55.77	27.2	27	29.4	30.5	28.4	26.9	28.2	31.3	25.4	84	86	72	68	80	82	78.7	------
28	55.01	55.31	55.70	53.45	53.98	54.97	54.74	26.5	25.6	29.9	30.6	27.2	26.7	27.8	31	25	85	91	72	72	87	83	81.7	------
29	53.80	54.87	56.01	54.55	55.32	57.22	55.30	27.2	26.8	29.5	30.6	27.4	26.6	28	31.5	25.8	83	81	75	68	78	81	77.7	------
30	56.13	57.10	58.36	56.02	56.52	58.17	57.05	26	25.1	31	31.4	28	26.1	27.9	32.5	24.5	82	86	65	72	86	89	80	------
31	56.69	58.18	58.61	56.35	57.34	59.19	57.73	24.9	25	30.6	30	28	27.4	27.6	33	24	92	88	69	68	83	89	81.5	------
Mean	56.24	56.88	57.44	55.36	56.18	57.42	56.59	25.4	25.4	29.6	29.5	26.9	26	27.1	31.5	24.1	92	92.4	76.1	76.1	87	90.3	85.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	239.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	WNW	WNW	NW	NNW	Calm	W	43.8	66	49.4	33.3	192.5	10	Ci.-S. SE	Cu.-N.	10	Ci.-S.	Cu.-N. NNW
2	NW	WNW	NW	NW	WNW	NW	48.5	55.8	62.8	60.2	227.8	10	Ci.-S. ESE	Cu. NW	10	------------	N. NNW
3	NW	Calm	Calm	NW	Calm	Calm	33.2	26.8	43.5	10.8	114.3	10	Ci.-S.	S.-Cu.	10	------------	Cu.-N. NW
4	Calm	NW	W	SW	NW	WNW	22.7	41.2	45.1	51.2	160.2	10	A.-Cu.	S.-Cu.	10	------------	N. W
5	WNW	Calm	Calm	SSW	Calm	SW	46.9	25.7	37.5	20.1	130.2	10	A.-Cu.	S.-Cu. W	10	------------	N.
6	Calm	Calm	ESE	SE	Calm	Calm	17.7	39.7	36	29.5	122.9	10	Ci.-S.	Cu. S	10	Ci. E	N. SSW
7	Calm	WSW	SE	SE	Calm	Calm	20.9	23.3	53.3	13.5	111	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. S
8	SW	Calm	Calm	ESE	NW	WNW	20.9	20.7	29.3	32.5	103.4	10	Ci.-S.	S.-Cu. SW	10	------------	N. SW
9	Calm	Calm	E	ESE	WNW	W	11.9	46.1	43.3	48.5	149.8	10	A.-Cu.	S.-Cu.	10	Ci.-S. ENE	Cu.-N. SW
10	WNW	WNW	SE	SE	Calm	Calm	44.8	43.8	52.5	30.3	171.4	10	Ci.-S. SE	Cu.-N.	10	Ci.-S.	Cu.-N. SE
11	SE	Calm	E	ESE	Calm	Calm	19.6	33.2	44	48.1	144.9	10	Ci.-S. ESE	Cu.-N.	10	------------	N. NNE
12	NW	Calm	Calm	Calm	Calm	NW	38	17.9	20.1	28	104	10	Ci.-S.	Cu.-N. NW	10	------------	Fr.-N. NE
13	WNW	NW	NW	SE	Calm	Calm	30.3	57.7	36.2	14.5	138.7	10	------------	N.-cf. NE	10	------------	N. E
14	Calm	Calm	SE	SE	Calm	E	10.8	50.1	53.3	28.5	142.7	10	------------	N. E, ESE	10	Ci.-S. ESE	Cu. SSE
15	Calm	Calm	ESE	SE	NW	Calm	11	28.4	43.1	18.3	100.8	10	------------	N.-cf. SSE	10	------------	Cu.-N. SSE
16	Calm	WNW	SE	Calm	Calm	Calm	22.2	33.8	42.4	19	117.4	10	Ci.-S. NNE	S.-Cu. NW	6	------------	Cu.-N. N
17	Calm	WNW	NW	Calm	Calm	Calm	21.7	48.5	40.4	21.9	132.5	1	Ci.	Cu. N	8	------------	Cu.-N. E
18	NW	WNW	NW	SSE	Calm	NW	42.4	42	30	24.6	139	3	Ci.	S.-Cu. NNE	4	Ci.-S. SSE	Cu.-N. NE
19	NW	Calm	SE	Calm	Calm	WNW	38.8	27.4	28.5	29.3	124	10	Ci.	S.-Cu. NE	9	Ci.-S. ESE	Cu.-N. NE
20	NW	NW	NW	Calm	Calm	Calm	42.3	40.5	37.3	25.9	146	4	Ci.	Cu.-N. NE	10	------------	Cu.-N. E
21	NW	WNW	WNW	NW	NW	NW	43.1	43.5	30.3	36.7	153.6	10	A.-Cu. ENE	S.-Cu. NE	10	------------	N. NE
22	W	NW	WNW	WNW	WNW	WNW	55.2	74.6	172.2	156.6	458.6	10	------------	Fr.-N. NNW	10	------------	Fr.-N. NW
23	SW	S	SE	SSW	S	S	67.6	70.3	67.6	42.4	247.9	10	------------	Cu.-N. SW	10	------------	Cu.-N. SW
24	Calm	S	SSE	SE	Calm	S	35.4	98.4	57.4	36.5	227.7	10	A.-Cu. W	S.-Cu. SW	10	A.-Cu. WSW	Cu.-N. SW
25	Calm	Calm	S	SSE	SE	Calm	30.3	68.2	56.1	14.3	168.9	10	------------	S.-Cu. SSW	10	Ci. E	Cu. SW
26	WNW	Calm	Calm	WNW	NW	WNW	24.7	23	95.8	65	208.5	4	Ci. ENE	S.-Cu.	10	Ci.-S. ENE	Cu. W
27	NW	WNW	NW	NW	WNW	NW	86.4	114.1	116.2	46.7	363.4	10	Ci.-S. NE	S.-Cu. W	10	Ci.-S. ENE	Cu. W
28	WSW	Calm	W	Calm	Calm	SSW	25.9	34.9	26.2	34.4	121.4	10	A.-Cu. NW	S.-Cu. W	10	------------	S.-Cu. W
29	SSW	S	S	S	SE	S	77.5	50.4	59.5	35.6	223	10	Ci.-S.	S.-Cu. WSW	10	A.-Cu. W	S.-Cu. WSW
30	S	SSE	SE	SE	SE	Calm	37	80.5	80.2	21.2	218.9	10	A.-Cu. SW	S.-Cu. SW	10	Ci.-S. E	Cu. SW
31	Calm	Calm	SE	SE	SE	S	16.6	60.9	59.8	36.7	174	10	A.-Cu.	S.-Cu. SSE	10	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	35.1	48	53.2	35.9	172.2	9.1	------------	------------	9.6	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	5,338.9	----	------------	------------	----	------------	------------

TACLOBAN.

[ϕ=11° 15′ N ; λ=125° 00′ E ; barometer above sea, 3.4 meters ; gravity correction not applied, —1.82 mm.]

NOVEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.96	58.98	59.31	56.72	58.18	59.31	58.41	25.2	25.1	32	31.8	27	25.5	27.8	33.7	24.4	95	95	60	70	88	93	83.5	4.2
2	57.84	58.19	58.11	55.18	55.28	54.46	56.51	25	24.7	29	28.7	25.8	26.2	26.6	30.6	23.5	92	94	74	84	87	90	86.8	64
3	51.71	52.07	53.90	53.44	55.91	57.78	54.14	24.1	24.6	25.5	28.9	27.5	26	26.1	29.9	23.4	91	90	81	76	81	84	83.8	19.6
4	57.85	58.87	60.18	57.68	58.87	60.05	58.92	25	24.3	31	30.8	27.4	26.5	27.5	32.4	23.4	95	94	72	76	85	92	85.7	------
5	59.26	59.30	59.01	57.13	58.09	58.82	58.60	25.5	25.1	30.7	30.3	27.5	26	27.5	33.4	24.5	96	98	67	72	84	94	85.2	------
6	58.03	58.43	58.71	56.39	57.50	58.73	57.96	25.2	24.8	29.5	31.2	27.6	24.6	27.2	32	23.6	95	97	75	69	76	93	84.2	.3
7	57.22	58	58.28	56.40	57.38	58.78	57.68	24.6	24.8	29.5	30.8	27.1	26	27.1	33	23.5	93	95	75	73	85	90	85.2	------
8	57.49	57.99	58.79	56.78	57.84	58.46	57.89	25.2	25	30.4	30.1	26.4	25.8	27.2	32.9	24	94	95	70	73	90	92	85.7	1.5
9	57.37	58.04	57.89	55.65	56.87	57.28	57.18	25.3	25.4	29.3	28.7	25.7	25.2	26.6	30.9	24.2	94	97	76	80	94	93	89	5.9
10	56.30	56.46	57.87	56.22	56.82	58.32	57	24.3	23.9	29.4	28	26.1	27.3	26.5	31.7	23.1	93	92	72	79	87	79	83.7	4.5
11	56.98	58.39	59.04	57.41	58.62	59.20	58.27	25.9	25.2	28.2	29	27.5	25.5	26.9	31.9	24.3	93	95	83	78	84	93	87.7	11.4
12	58.16	58.83	59.31	56.89	58.70	59,97	58.64	25.4	24.4	31.2	30.9	25.8	25.5	27.2	32.3	23.7	95	97	71	70	88	94	85.8	4.8
13	58.85	59.89	60.24	57.93	58.75	60.12	59.30	24.9	25	30.2	30.3	27.4	25.6	27.2	31.4	24.1	95	96	70	73	89	92	85.8	------
14	59.12	60.27	60.67	58.98	59.68	60.68	59.90	25	24.6	30	28.2	26.8	25.5	26.7	32.3	23.5	92	95	75	80	87	96	87.5	3
15	59.51	60.22	60.47	58.25	58.38	59.51	59.39	24.7	24.5	29.7	27.5	26.5	25.5	26.4	30.3	23.5	97	96	76	84	86	93	88.7	10.3
16	58.22	58.94	59.32	57.15	58.24	59.03	58.48	24.9	25	28.7	29	26.4	25	26.5	31.5	24	96	96	78	78	90	96	89	.5
17	57.52	58.50	58.92	56.41	57.72	59.04	58.02	24.8	24	29.7	29.5	26.9	25.9	26.8	31.8	23.3	96	98	76	75	85	93	87.2	2
18	58.19	59.51	60.49	59.09	59.28	60.64	59.53	25	25.5	28.5	26.5	25	24.9	25.9	29.2	24	95	88	70	83	92	89	86.2	6.8
19	59.29	59.96	60.59	58.39	59.64	60.42	59.72	24.5	24.2	30	31.7	27.1	25.4	27.2	33	23.2	92	90	69	58	76	92	79.5	.8
20	59.27	59.63	60.21	57.49	58.21	59.57	59.06	25.4	25	28.8	30.8	27.5	24.8	27	32.5	24	89	92	76	67	76	89	81.5	1.7
21	58.08	58.68	59.10	56.77	57.90	58.25	58.13	25	24	28.5	28	25.7	25.5	26.1	30.6	23.2	83	91	77	81	89	92	85.5	5
22	56.77	56.88	58.27	56.37	57.03	58.03	57.22	25	25.1	28.7	25.5	26	25.1	25.9	31.9	24	92	92	77	92	87	92	88.7	29.5
23	56.78	57.23	58.02	55.78	56.67	57.62	57.02	25	25	26.5	27	25.9	25	25.7	27.6	24	92	92	90	89	89	92	90.7	3.2
24	56.87	56.74	57.52	55.16	56.28	56.86	56.57	24.7	24.5	28.8	30.5	26.5	25.9	26.8	32	23.5	96	96	79	68	91	93	87.2	1.3
25	55.99	56.59	57.27	54.94	56.02	56.92	56.29	25	24.5	29.7	30	27.3	26.5	27.2	31.4	23.8	96	96	79	77	84	90	87	------
26	55.34	55.93	56.71	55.12	56.36	57.41	56.14	24.9	25.6	30.5	28.3	26.8	25.9	27	31.8	24.2	96	95	75	82	86	93	87.8	------
27	56.07	57.34	57.80	55.39	56.01	57.55	56.69	25	25	31	31.5	27.5	26.5	27.8	32.2	23.9	96	96	72	72	88	92	86	------
28	56.64	57.27	57.79	55.84	56.75	57.97	57.04	25.5	25.5	31.7	31.6	27.6	27	28.2	32.8	24.1	96	96	70	68	84	84	83	------
29	57.34	57.77	58.59	56.51	58.09	59.07	57.90	26.2	25.5	30.3	30.5	25.9	25.4	27.3	31.8	24.3	88	94	73	75	91	90	85.2	2.3
30	57.52	58.23	58.82	56.96	58.33	59.42	58.21	25	25	29.3	27.5	26.8	26	26.6	32	24.2	95	95	79	90	89	92	90	9.1
Mean	57.45	58.10	58.71	56.61	57.65	58.64	57.86	25	24.8	29.5	29.4	26.7	25.7	26.9	31.7	23.8	93.6	94.4	74.6	76.4	86.3	91.2	86.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	191.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	Calm	Calm	SE	ESE	W	33.2	28.7	57.1	22.5	141.5	10	Ci.-S. N	Cu.-N.	7	Ci. ESE	Cu.-N.NE
2	NW	NW	NW	NW	NW	NW	52.3	69.8	90.1	96.6	308.8	8	Ci.-S. ESE	S.-Cu. NNE	10	------------	N. N
3	WNW	WSW	SW	SSE	SSW	S	146.7	65.7	65.2	38.9	316.5	10	------------	N. W	10	Ci.-S.	Cu. SSW
4	Calm	Calm	SE	SSE	E	Calm	15.8	59.8	75	30.8	181.4	4	A.-Cu. WSW	S.-Cu. SSW	7	Ci.-S. E	Cu.
5	Calm	W	Calm	SE	Calm	WNW	24.1	32.8	54.1	34	145	1	------------	Cu. E	7	A.-Cu. ENE	Cu.-N.NE
6	Calm	WNW	NW	SE	ESE	Calm	37.6	42.1	55.7	12.9	148.3	3	Ci.	Cu. NE	4	Ci.	Cu.-N.ENE
7	NW	NW	WNW	ESE	Calm	NW	48	39.4	55	39.4	181.8	3	Ci.-S.	Cu.	3	Ci. ESE	Cu.-N.
8	NW	Calm	Calm	E	NW	WNW	42.3	35.6	34.8	45.1	157.8	2	Ci.	Cu.	10	------------	Cu.-N.NE
9	WNW	WNW	NW	NW	NW	Calm	42.8	57.7	64.4	44.3	209.2	5	A.-Cu. ENE	S.-Cu. NW	10	------------	N.-cf.NNW
10	Calm	Calm	SE	SSE	Calm	SE	30.6	67.6	53.3	62.6	214.1	10	A.-Cu.	S.-Cu. W	10	------------	Cu.-N. S
11	Calm	Calm	Calm	SE	SE	Calm	26.4	27.9	81.8	25.9	162	10	------------	N. SE	10	Ci.-S.	Cu.-N. SE
12	WNW	Calm	ESE	SE	Calm	WNW	30.1	34.4	68.7	36.8	170	4	A.-Cu. ENE	Cu.-N. E	4	------------	Cu.-N. E
13	NW	WNW	SE	SE	E	WNW	45.1	27.6	33.8	19.5	126	10	Ci.-S. E	S.-Cu. N	10	Ci.-S. E	Cu.-N.
14	Calm	WNW	W	Calm	Calm	NW	30.8	31.1	22.5	29.2	113.6	4	A.-Cu.	S.-Cu.	10	------------	Cu.-N.NE
15	WNW	NW	NW	NW	E	NW	54.4	50.5	31.9	26.9	163.7	5	A.-Cu. E	S.-Cu. NW	10	------------	N. ENE
16	WNW	NW	Calm	W	WNW	WNW	48.8	44	45.7	46.7	185.2	7	Ci.	S.-Cu. NE	10	------------	N. ENE
17	NW	NW	NW	SE	Calm	WNW	48.6	32.4	36.4	27.6	145	9	------------	S.-Cu. NW	9	------------	N. ENE
18	Calm	NW	NW	NNW	Calm	WNW	32.4	49.7	39.2	43.8	165.1	10	------------	S.-Cu. NE	10	------------	N. NE
19	WNW	WNW	Calm	ENE	Calm	Calm	45.7	37.6	51.3	25.2	159.8	1	Ci.	S.-Cu.	4	Ci. NW	S.-Cu. ENE
20	WNW	WNW	NW	E	Calm	Calm	51	51.3	57.7	23.8	183.8	8	------------	S.-Cu. ENE	9	------------	Cu.-N. E
21	NW	NW	WNW	Calm	Calm	WNW	40.5	41.6	19	30.6	131.7	10	------------	S.-Cu. NE	10	------------	N. ENE
22	WNW	Calm	NW	Calm	ENE	Calm	39.9	47.2	31.1	23.3	141.5	10	Ci.-S. NW	S.-Cu. NE	10	------------	N. ENE
23	NW	NW	NW	Calm	NW	WNW	48	57.3	32.8	28.4	166.5	9	Ci.-S. W	S.-Cu. NW	10	------------	N.
24	WNW	Calm	Calm	ESE	Calm	Calm	29	29.5	34.3	16.7	109.5	10	Ci.-S. WNW	S.-Cu.	4	Ci. W	Cu.-N.
25	Calm	Calm	ENE	ESE	SE	Calm	11	30.6	59.5	22	123.1	10	A.-Cu. ENE	S.-Cu.	10	------------	Cu.-N. ESE
26	Calm	Calm	SSE	SE	WNW	WNW	14	38.9	46.7	24.3	123.9	10	------------	S.-Cu. SE	10	------------	Cu.-N. SE
27	WNW	Calm	E	SE	Calm	WNW	31.6	38.3	52.3	16.7	138.9	3	Ci.	S.-Cu. E	5	------------	Cu.-N.
28	Calm	WNW	Calm	SE	Calm	Calm	33.5	41.6	52.9	20.6	148.6	2	Ci.	Cu. E	2	Ci.	Cu.-N.
29	NW	WNW	NW	SE	NW	Calm	44.5	40.7	45.7	26	156.9	10	Ci.-S. SW	S.-Cu.	10	------------	Cu.-N. S
30	WNW	NW	Calm	E	NW	NW	35.9	37.8	24.7	29.8	128.2	4	A.-Cu. E	S.-Cu.	10	------------	N. SE
Mean	------	------	------	------	------	------	40.5	43	49.1	32.4	164.9	6.7	------------	------------	8.2	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	4,947.4	----	------------	------------	----	------------	------------

TACLOBAN.

[φ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.4 meters; gravity correction not applied, —1.82 mm.]

DECEMBER, 1915.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.67	58.82	59.25	56.88	58.38	59.43	58.40	25.3	24.9	28	27.5	26.2	25.5	26.2	30.3	23.9	94	96	83	88	89	89	89.8	11.5
2	58	58.68	59.43	56.74	57.79	58.73	58.23	24.6	25	24.9	27.7	24.5	25	25.3	28	23.4	95	93	92	82	92	92	91	19.9
3	56.93	57.94	58.54	57.01	57.22	58.22	57.64	24.6	24.7	26.4	27.1	26	26.1	25.8	28.1	23.5	93	91	85	85	89	87	88.3	1.2
4	56.87	57.22	58.84	56.36	56.99	58.02	57.38	25.6	25.5	26.4	26.7	26.2	24.9	25.9	27.1	24	90	88	81	79	73	86	82.8	11.9
5	56.04	55.39	55.66	52.86	52.65	51.61	54.04	24.5	25.4	26.8	26.5	25	24.4	25.4	27	22.9	96	85	78	77	88	91	85.8	117.9
6	49.24	49.35	49.74	48.36	48.42	52.32	49.57	23.9	23.8	24.4	24.4	24.5	26.5	24.6	26.5	21.5?	92	93	88	80	78	68	83.2	92.8
7	51.76	53.35	55.38	53.65	54.57	56.19	54.15	25	24.7	27.6	28.8	27.4	25.3	26.5	31	23.5	79	82	77	76	80	84	79.7	------
8	55.82	56.37	56.96	54.95	56.51	57.82	56.40	25.2	25	29.2	30.8	26.9	24.5	26.9	31.6	23.5	85	83	75	65	85	96	81.5	22.4
9	57.08	57.39	58.06	55.77	57.17	57.92	57.23	24	24	28.2	27.1	25.5	24.9	25.6	31.2	23.2	96	97	79	88	93	97	91.7	4.7
10	57.30	57.75	57.60	56.47	56.82	57.72	57.28	25	23.2	26.5	27.3	25.4	24.5	25.3	28	22.6	97	91	80	82	92	94	89.3	3.6
11	56.77	57.40	57.99	55.96	57.03	58.27	57.24	24.5	23	28	30	26.1	24.9	26.1	30.2	22.5	94	97	85	81	88	94	89.8	.1
12	56.77	57.79	58.43	55.84	56.37	58.04	57.21	24.4	23	29	30.2	27.4	25.5	26.6	31.2	22.4	97	97	78	68	84	94	86.3	------
13	56.92	57.60	58.08	55.24	56.50	57.86	57.03	24.4	23.6	28.5	30.6	27.7	25.8	26.8	32.3	22.9	97	98	78	67	79	93	85.3	.5
14	56.58	57.48	58.30	55.80	57.25	58.34	57.29	25.6	24.5	29.8	31	26.9	25.5	27.2	31.5	23.9	92	96	78	65	91	92	85.7	9.6
15	56.97	58.09	58.68	56.49	57.59	58.76	57.76	24.1	24	28	30.2	26.2	25.2	26.3	30.8	22.8	96	97	79	77	86	94	88.2	------
16	57.78	58.66	59.25	57.20	58.27	59.38	58.42	24.8	24.4	29.3	28	26.5	24.6	26.3	32.4	23.2	97	97	79	85	90	93	90.2	1
17	58.04	58.90	59.80	56.94	58.47	59.33	58.58	24.5	24	28.9	30.7	27.3	24.5	26.6	32.7	23	94	97	78	67	75	92	83.8	------
18	58.17	58.59	59.59	57.90	59.52	59.55	58.89	24.7	24.6	29.4	26.5	24.7	25.1	25.8	31.8	23.6	91	95	75	86	94	88	88.2	19.6
19	58.34	58.89	59.96	58.15	59.03	59.87	59.04	24.4	24.5	27.5	27	25.5	25.5	25.7	29	23.6	93	96	87	87	92	89	90.7	2
20	59.37	60.02	60.86	58.85	59.41	60.22	59.79	25	24.8	27.5	27.7	26.9	25.6	26.2	28.4	24	95	95	81	79	85	92	87.8	3
21	59.47	59.71	60.40	58.01	59.23	59.67	59.42	24.7	25.3	27.4	27.6	25.1	24.7	25.8	28.9	23.6	96	94	81	87	91	94	90.5	36.1
22	57.83	58.59	59.68	57.90	58.35	59.12	58.58	24.6	24.5	27.3	26.4	25.8	25	25.6	28.5	23.5	93	94	87	90	89	96	91.5	15.5
23	57.80	58.90	60.42	58.39	59.16	59.81	59.08	25	24.5	24.2	23.8	24.3	24	24.3	25.5	22.5	92	92	95	97	92	97	94.2	59.4
24	58.40	58.59	59.38	57.82	58.89	59.41	58.75	23.9	23.8	26	25.2	24.5	24.5	24.6	26.6	22.8	96	97	92	94	93	92	94	54.2
25	58.05	58.24	58.98	56.64	58.13	58.33	58.06	24.1	24.6	25.1	26	24.8	25	24.9	26.5	23.2	94	95	91	87	95	95	92.8	10.2
26	57.65	58.30	59.02	56.90	57.79	57.78	57.91	24.9	24.9	26	26.6	25.1	24.5	25.3	27.1	23.8	96	97	94	92	95	96	95	10.1
27	57.04	57.54	57.78	55.41	57.09	57.38	57.04	24.8	24.3	28.1	29	25.9	25	26.2	31.1	23.2	96	97	82	76	93	96	90	.3
28	56.37	57.05	57.66	55.55	56.85	57.98	56.91	24.7	24.5	29.8	30	27.3	25.8	27	31.2	23.5	97	96	76	74	82	93	86.3	------
29	56.88	57.43	58.12	56.05	57.51	58.83	57.47	24.9	24	30	29.7	27.3	25	26.8	31.8	22.6	96	98	75	75	85	95	87.3	------
30	57.55	58.44	59.41	56.81	58.74	59.36	58.38	25	24.3	29.5	30	26.5	25.8	26.8	32	23.4	97	97	71	81	96	95	89.5	6.3
31	58.05	58.23	59.27	56.82	57.69	57.09	57.86	24.8	25	28.8	25.9	24.6	25.1	25.4	27.1	23.2	97	93	84	85	93	91	90.5	38.7
Mean	57.02	57.64	58.40	56.25	57.27	58.14	57.45	24.7	24.4	27.6	27.9	25.9	25.1	25.9	29.5	23.2	94	94	82.1	80.7	88	91.8	88.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	552.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	WNW	Calm	NW	W	Calm	Calm	31.4	31.4	37	18.8	118.6	10	------	N. E	10	------	Cu.-N. NE
2	WNW	NW	NW	NW	Calm	NW	47.2	41.5	43.8	24.3	156.8	10	------	N. ENE	10	A.-Cu.	Cu.-N. NE
3	NW	NW	NW	Calm	NW	NW	54.1	54.9	34.6	58.7	202.3	10	A.-Cu. NE	S.-Cu. NW	10	------	N. ENE
4	NW	NW	NW	NW	NW	NW	75.1	66.8	77.2	71.1	290.2	10	A.-Cu. ENE	S.-Cu. NE	10	------	S.-Cu. N
5	NW	NW	NW	NW	WNW	WNW	93.5	144.2	194.7	250.4	682.8	10	A.-Cu. NNE	S.-Cu. NNW	10	------	Cu.-N. NNW
6	WNW	W	W	WSW	WSW	SW	283.7	289	247.8	97.1	917.6	10	------	N. W	10	------	N. W
7	S	SSE	Calm	SE	SSE	S	71	59.5	77	43	250.5	10	A.-Cu. W	S.-Cu. WSW	10	A.-Cu. W	S.-Cu. SSW
8	SSE	Calm	ESE	SE	Calm	Calm	34.3	52	56	35.2	177.5	10	A.-Cu.	S.-Cu. S	5	Ci.-Cu. S	Cu.
9	Calm	Calm	NW	SSE	Calm	Calm	27.2	26.4	28.4	31.1	113.1	10	------	S.-Cu. S	10	------	N. ESE
10	W	Calm	Calm	Calm	Calm	Calm	38.1	24.7	30.6	21.7	115.1	10	------	N.	10	------	N. E
11	W	Calm	E	ESE	Calm	Calm	16.6	22.5	52.5	15.6	107.2	10	Ci.-S. SE	S.-Cu.	10	Ci.-S. SE	Cu.-N.
12	Calm	Calm	E	ESE	NW	WNW	8	26.6	32.2	27.7	94.5	10	Ci.-S.	S.-Cu.	4	Ci.	Cu.-N. WSW
13	Calm	Calm	E	NW	SSW	Calm	18.5	28	36.2	22.8	105.5	3	------	S.-Cu.	10	Ci.-S.	Cu.
14	NW	Calm	Calm	NW	W	WNW	39.4	27.7	42.3	37.8	147.2	10	Ci.-S.	Cu.-N.	10	Ci.	Cu.-N. NW
15	Calm	Calm	NW	Calm	WNW	Calm	14	46.7	28.5	24.6	113.8	10	------	S.-Cu. ENE	10	Ci.-S. SE	Cu.-N. NE
16	WNW	WNW	NW	SSE	Calm	W	47	38	46.5	31.2	162.7	9	Ci.-S. SE	S.-Cu.	10	Ci.	Cu.-N. E
17	NW	WNW	NW	Calm	ENE	Calm	45.4	56.6	31.2	22.7	155.9	10	Ci.-S. ESE	S.-Cu. NW	3	Ci.	Cu. NE
18	NW	NW	NW	NE	E	NW	44.6	47.3	39.1	29.5	160.5	10	Ci.	S.-Cu. E	10	------	N. ENE
19	NW	WNW	Calm	SE	WNW	WNW	53.7	26.2	31.2	32.7	143.8	10	Ci.-S. SE	S.-Cu. E	10	------	N. E
20	NW	NW	Calm	NW	E	WNW	63.6	56	35.7	39.1	194.4	10	Ci.-S.	Cu.-N. ENE	10	Ci.-S. SE	Cu.-N. ENE
21	WNW	Calm	NW	NW	NW	WNW	43.8	29	61.8	56	190.6	10	A.-Cu. ESE	N. E	9	------	Cu.-N. ENE
22	WNW	NW	NW	NW	WNW	NW	50.1	60.6	34.6	39.1	184.4	10	------	Cu.-N. NE	10	------	N. NE
23	NW	NW	Calm	NW	Calm	Calm	69.4	26.4	51.7	33.5	181	10	------	N. ENE	10	------	N. ENE
24	NW	WNW	NW	Calm	Calm	WNW	48.1	32.2	25.7	36.2	142.2	10	------	N. E	10	------	N. E
25	NW	NW	NW	Calm	Calm	NW	55.8	50.2	29.6	37.8	173.4	10	------	N. NE	10	------	N. NE
26	Calm	NW	NW	NW	W	WNW	36.5	42	27.1	43	148.6	10	------	N. NE	10	------	N. ENE
27	Calm	Calm	NW	E	Calm	Calm	16.6	29.8	35.2	21.4	103	10	------	S.-Cu. N	10	------	Cu.-N. ENE
28	W	Calm	Calm	SE	SSE	Calm	24.6	36.7	84	19.6	164.9	3	A.-Cu.	S.-Cu. ESE	1	------	Fr.-Cu. SE
29	WNW	W	Calm	SE	SSE	Calm	18.8	34.9	72.2	13.2	139.1	4	------	S.-Cu. ESE	9	------	Cu.-N. ESE
30	WNW	Calm	Calm	Calm	Calm	Calm	37	32.4	24.4	27.7	121.5	9	Ci.-S. SE	S.-Cu. E	10	------	Cu.-N. ENE
31	NW	WNW	NW	NW	WNW	WNW	50.9	57.9	93.3	59.7	261.8	10	A.-Cu. E	S.-Cu. ENE	10	------	N. NE
Mean	------	------	------	------	------	------	50.3	51.0	56.2	42.7	200.7	9.3	------	------	9.1	------	------
Total	------	------	------	------	------	------	------	------	------	------	6,220.5	------	------	------	------	------	------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

JANUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginnig 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.68	60.96	61.85	59.54	59.90	60.77	60.62	23.5	23	27.6	29.1	26.2	26.5	26	30.4	22.4	90	90	72	68	79	83	80.3	------
2	60.52	60.80	61.74	59.71	59.97	60.75	60.58	26.2	25.6	28.5	29	26.5	26	27	30.9	24.8	84	87	74	74	83	87	81.5	------
3	60.30	60.41	62.23	59.92	60.95	61.92	60.96	25.7	25	28.7	29	26.1	24.5	26.5	30.8	24.2	84	88	69	70	82	93	81	2.3
4	61.24	61.52	62.41	60.38	61.47	62.41	61.57	24.3	24.9	27	27.8	25.8	25.7	25.9	29.7	24	92	86	82	82	89	86	86.2	.3
5	61.10	61.51	62.31	59.90	60.57	61.85	61.21	25.5	25	27.8	30.1	27.4	25.4	26.9	31.8	24.5	88	92	79	68	84	97	84.7	16.7
6	60.90	61.22	62.16	59.62	60.07	60.93	60.82	24.9	24.4	27.5	29.3	26.1	25.4	26.3	31.2	23.9	96	97	84	77	88	93	89.2	------
7	60.17	60.34	61.65	58.61	59.61	60.83	60.20	25.2	24.3	28.7	30.4	26.4	24	26.5	31.8	23.5	93	94	76	62	86	91	83.7	------
8	60.03	60.22	61.60	59.56	60.32	61.06	60.46	23	21.8	28.7	29.6	26.5	25	25.8	31.2	21.8	93	95	72	72	84	92	84.7	------
9	60.40	60.69	62.25	59.65	60.48	61.90	60.90	24.9	24.5	28.7	28.5	25.8	25	26.2	31	23.8	92	93	70	74	90	92	85.2	4.4
10	61.05	61.25	63.23	60.89	61.53	62.58	61.76	25	25.7	25	24.5	24.6	25	25	26.9	23.9	92	85	92	97	97	97	93.3	15.3
11	61.84	62.01	63.90	61.14	61.46	62.48	62.14	24.4	24.9	27.9	29.5	26.1	24.2	26.2	30.9	23.5	95	89	74	64	84	94	83.3	------
12	61.59	61.96	63.07	60.84	61.72	62.96	62.02	23.4	22.1	28	28.6	25.5	23.8	25.2	30.3	21.8	95	96	69	60	79	80	79.8	------
13	62.42	62.99	63.97	61.75	62.27	63.60	62.83	24.1	21.6	27.6	28.4	26.7	26	25.7	30.7	21	81	92	70	68	76	72	76.5	------
14	62.40	62.61	64.03	61.80	61.90	63.06	62.63	25.6	24.5	28.1	28.3	26.6	26.2	26.6	30.8	23.9	71	76	66	69	73	69	70.7	------
15	62.60	62.91	64.26	62.14	62.31	63.98	63.04	25.3	24.6	28.8	28.6	26.1	24.8	26.4	30.8	24.2	74	79	65	66	73	74	71.8	------
16	63.34	63.62	65.06	62.93	63.27	64.24	63.74	24.1	23.9	28	27.5	26.7	26.1	26	29.8	23.5	79	80	67	69	70	72	72.8	.3
17	63.37	63.62	64.86	62.42	62.92	63.81	63.50	25.1	24.6	28.5	29	26.9	26.1	26.7	30.8	24.3	80	83	70	67	75	76	75.2	4.1
18	63	63.58	64.67	62.40	62.78	63.63	63.34	23.4	23.5	26.2	26.5	25.8	24.4	25	29.2	23	97	97	86	85	79	88	88.7	6.4
19	61.99	62.09	63.12	61.05	61.38	62.12	61.96	23.5	23.9	26.1	27	26.8	23.9	25.2	28.9	23.3	96	96	81	78	74	92	86.2	.5
20	61.02	61.13	61.75	59.52	60.08	61.56	60.84	24.4	24.1	27.7	29	26.1	25.5	26.1	30.3	23.4	91	91	77	72	84	91	84.3	.8
21	60.70	60.94	62.41	60.34	60.86	62	61.21	24.8	23.4	27.3	29.3	26.6	25.7	26.2	30.4	23.2	93	94	76	66	83	90	83.7	------
22	61.27	61.54	62.90	60.50	61.26	62.43	61.65	25.2	24.6	28.2	29.6	26.6	25.2	26.6	30.8	24.2	92	95	78	70	83	92	85	------
23	61	61.23	62.50	60.52	60.75	61.87	61.31	24.3	23.2	28.5	29.8	26.5	24.7	26.2	31.3	23	96	94	67	60	73	86	79.3	------
24	61.29	61.22	62.10	59.81	60.67	61.90	61.16	24.3	24	27.9	29.5	26.5	26.4	26.4	30.9	23.7	96	97	71	59	76	78	79.5	------
25	61.60	61.72	63.37	61.30	61.22	62.28	61.92	24.5	23.8	27.5	29.6	26	24.1	25.9	30.9	23.5	87	90	72	55	73	86	77.2	------
26	61.83	61.98	63.10	60.72	60.86	62.18	61.78	24.8	23.5	28	29.6	26.5	24	26.1	31.4	23.5	85	84	58	54	64	82	71.2	------
27	61.07	61.16	62.42	60.27	60.27	61.44	61.10	24.5	24	27.3	30.1	26.5	23.3	26	31.8	21.8	82	91	72	58	68	87	76.3	------
28	60.24	60.38	61.86	60.05	60.32	61.50	60.72	21	20	28.5	28.6	26.5	26.1	25.1	30.3	19.8	93	95	73	73	83	87	84	------
29	60.86	61.23	62.91	60.82	60.65	61.64	61.35	25.3	24	28.5	30	26.5	24.6	26.5	31.4	23.7	89	90	68	57	71	83	76.3	------
30	60.89	61.14	62.27	60.52	61.05	62.21	61.35	24.2	22.1	28	30.2	26.6	24.5	25.9	31.9	22	82	92	66	54	77	89	76.7	------
31	61.76	61.81	62.92	60.94	61.17	61.82	61.74	24.5	24	27.8	30.5	26.4	24.3	26.2	32	23.6	89	90	75	56	81	91	80.3	------
Mean	61.37	61.61	62.87	60.63	61.10	62.18	61.63	24.5	23.8	27.8	28.9	26.3	25	26.1	30.7	23.2	88.6	90.3	73.3	67.9	79.4	86.1	80.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	51.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	Calm	NE	N	Calm	NNE	23.8	43.1	39.6	45.1	151.6	2	Ci.	Cu.	2	------------	Cu. E
2	NE	NE	NE	NE	N	NE	26.8	54.9	61.2	47.3	190 2	7	A.-Cu.	Fr.-N. NE	4	Ci.-Cu.	Cu. NE
3	ENE	NE	NE	N	NE	ENE	66.2	54.4	55.7	45.3	221.6	4	Ci.	Fr.-N. NE	6	A.-Cu.	Cu. NE
4	Calm	NE	NE	NE	NE	NE	39.9	65.2	54.1	44.5	203.7	9	Ci.-S.	Fr.-N. N	8	Ci.	Fr.-N.NE
5	NE	Calm	NE	NE	Calm	Calm	28.4	53.7	50.9	14.8	147.8	9	------------	N.	4	Ci.	Cu.
6	Calm	Calm	NE	E	Calm	Calm	9.2	51	64.4	9.1	133.7	4	Ci.	Fr.-N. NE	4	Ci.	Fr.-Cu. E
7	Calm	Calm	NE	NE	Calm	Calm	10.8	25.7	35.1	1.1	72.7	8	------------	Fr.-N. E	2	Ci.	Cu.
8	Calm	Calm	NE	NE	Calm	Calm	1.4	24.9	36	5	67.3	2	------------	Cu.	1	------------	Cu.
9	Calm	Calm	E	ENE	NE	ENE	16.3	45.9	53.9	88.2	204.3	4	Ci.	N. NE	8	Ci.-S.	Fr.-N. E
10	NE	NE	E	E	Calm	Calm	86.9	58.5	32.2	21.2	198.8	10	------------	N. NE	10	------------	N.
11	Calm	E	E	E	Calm	Calm	34.6	51.5	41	1.8	128.9	9	Ci.-S.	N.	8	Ci.-S.	Cu.
12	Calm	Calm	E	E	Calm	Calm	13.4	51.5	38.1	21.4	124.4	4	Ci.	Cu.	3	------------	Cu. E
13	NE	Calm	NE	NE	Calm	NE	22.7	46.9	52.3	54.2	176.1	9	------------	Fr.-N. E	4	A.-Cu.	Cu. NE
14	NE	NE	NE	NE	NE	NE	63.4	60.6	68.9	61.7	254.6	2	------------	N.	9	------------	Fr.-N.NE
15	NE	NE	NE	NE	NE	NE	80	96.4	81.3	59.2	316.9	4	Ci.	N. NE	4	------------	Cu. NE
16	NE	NE	NE	NE	N	NE	37	66.6	50.2	55.8	209.6	6	Ci.	Cu. NE	10	Ci.-S.	Fr.-N.NE
17	NE	NE	NE	NE	NE	NE	71.6	78.9	75.8	60.2	286.5	5	Ci.	Cu.	7	------------	Fr.-N.NE
18	NE	NE	NE	NE	NE	NE	64.2	51.5	55.5	50.9	222.1	10	Ci.-S.	N. NE	10	------------	N.
19	NE	Calm	NE	NE	Calm	Calm	24.1	51	37.5	5.3	117.9	9	------------	Fr.-N. NE	5	------------	Cu. NE
20	Calm	Calm	NE	NE	Calm	Calm	15.5	40.8	39.9	11.3	107.5	6	Ci.-Cu.	N. NE	2	------------	Cu. NE
21	Calm	Calm	NE	NE	Calm	Calm	3.2	28.4	32.4	1.9	65.9	8	Ci.-S.	Fr.-N. NE	3	Ci.	Cu. NE
22	Calm	Calm	NE	NE	Calm	Calm	10.7	42	55.7	4.8	113.2	9	------------	Fr.-N. NE	3	Ci.	Cu. NE
23	Calm	Calm	E	NE	Calm	Calm	11.9	39.1	51.7	3.5	106.2	2	------------	Cu.	2	------------	Fr.-Cu.NE
24	Calm	Calm	ENE	E	N	NE	18.3	55	62.8	28.8	164.9	9	------------	N E	2	------------	Cu. E
25	Calm	Calm	E	E	Calm	Calm	12.7	46.7	54.9	2.4	116.7	4	------------	N.-Cf. NE	1	------------	Cu.
26	ENE	NE	E	NE	Calm	Calm	38.9	56.3	58.9	6.2	160.3	8	------------	Fr.-N. NE	1	------------	Cu.
27	Calm	Calm	E	E	Calm	Calm	14.2	42.8	50.2	3.7	110.9	7	------------	Fr.-N. NE	1	------------	Cu.
28	Calm	Calm	NE	NE	Calm	Calm	3.2	26.8	46.5	17.7	94.2	2	------------	Cu.	4	------------	Cu. NE
29	E	E	E	E	Calm	Calm	35.6	74	70.6	16.3	196.5	3	------------	Cu. E	2	------------	Cu. E
30	Calm	Calm	E	E	Calm	Calm	23.5	36.2	56.8	17.1	133.6	2	------------	Cu.	2	------------	Cu.
31	NE	Calm	NE	E	Calm	Calm	37.8	47.8	58.4	2.6	146.6	7	------------	Fr.-N. E	1	------------	Cu. E
Mean	------	------	------	------	------	------	30.5	50.6	52.3	26.1	159.5	5.9	------------	------------	4.3	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,945.2	----	------------	------------	----	------------	------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, −1.81 mm.]

FEBRUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.92	62.38	63.32	60.92	61.22	62.21	62	24.8	23	28.5	30.5	26.5	23.5	26.1	32	22.5	90	91	69	56	76	90	78.7	------
2	61.29	61.63	62.56	60.45	59.91	60.71	61.09	24.8	22.5	29	30.3	26.5	22.6	26	31.9	21.6	89	91	65	57	70	87	76.5	------
3	60.20	60.47	61.55	59.61	60.03	60.81	60.44	21	21.6	28.5	29.6	25.5	22.2	24.7	31.5	20.5	96	95	64	47	75	86	77.2	------
4	60.33	60.49	61.61	59.44	59.86	61.07	60.47	20	19.5	27.2	30	26	23.3	24.3	31.8	19.2	94	95	75	66	81	90	83.5	------
5	60.85	61.49	62.53	59.92	60.52	61.65	61.16	21.8	20.4	28	29.5	26.5	25.7	25.3	31.7	19.9	90	87	69	65	76	82	78.2	1.3
6	60.80	61.02	62.42	59.81	60.03	61.21	60.88	25	23.6	25	28.4	26.5	24.2	25.4	29.8	23.5	86	96	92	73	80	96	87.2	5.9
7	60.62	60.89	62.32	59.97	60.57	61.69	61.01	23.9	21.5	26.7	29.6	25.6	22.6	25	31	20.8	96	96	76	54	75	90	81.2	------
8	61.39	61.79	62.53	60.31	60.46	61.79	61.38	22.2	19.8	28.5	29.7	26.2	23.5	25	32	19.5	90	93	64	61	75	90	78.8	.3
9	60.86	61.49	63.24	60.71	60.81	61.60	61.45	24.8	23.5	29	30.2	26.7	23.8	26.3	32.2	23	87	89	64	52	72	87	75.2	------
10	60.72	60.99	62.22	59.72	59.87	60.35	60.64	22.8	22.9	28.8	30.4	27.1	26	26.3	32	22.5	91	91	65	54	75	85	76.8	------
11	59.37	59.51	60.55	59.01	59.46	60.70	59.77	25.8	25	28.5	30.4	27.3	25.6	27.1	32.2	24.5	86	92	70	56	76	88	78	1.5
12	59.87	59.98	60.87	59.23	59.36	60.60	59.98	25	22.5	29	30.7	27	25	26.5	32.7	22.5	89	92	69	50	77	88	77.5	------
13	60.20	60.34	61.96	59.69	59.84	60.75	60.46	24.9	23.4	28.8	30.5	27.5	25.9	26.8	32.9	23	88	92	69	56	66	72	73.8	------
14	60.57	60.72	62.82	60.74	60.95	62.68	61.41	24.6	24.5	28.5	29.2	27.5	26	26.7	32.4	24.3	79	78	67	63	70	76	72.2	------
15	62.03	62.31	63.52	61.29	61.31	62.66	62.19	25.6	25.1	28	31.7	27.5	26.5	27.4	33.3	24.7	79	87	74	50	69	70	71.5	------
16	62.10	62.32	63.15	61.14	61.07	62.30	62.01	25	23.2	28.7	28.4	27	24.2	26.1	31.3	23	78	90	67	69	75	88	77.8	------
17	61.47	61.79	63.37	61.02	60.68	61.46	61.63	24.5	24	29	30.4	26.8	22.4	26.2	32.5	21.6	86	87	64	46	55	78	69.3	------
18	61.07	61.38	63.18	61.12	61.25	62.64	61.77	21.5	22.7	28.9	30.5	26.7	23.7	25.7	31.9	21.3	81	87	57	47	69	83	70.7	------
19	61.89	62.38	63.90	61.65	61.26	62.17	62.21	21.8	22	28.7	30.1	26.7	23.7	25.5	32.4	21.8	91	91	59	48	72	81	73.7	------
20	61.11	61.54	63.13	60.80	61.15	62.42	61.69	22	22.1	28	30.5	26.6	23.3	25.4	32.3	21.7	94	91	58	40	70	84	72.8	------
21	61.71	61.94	63.15	60.94	60.81	62.32	61.81	23.1	22.1	28.5	30.5	27.2	24	25.9	32.3	21.9	84	87	57	48	68	85	71.5	------
22	61.59	62.03	63.24	60.60	60.82	62.07	61.72	24.6	22.5	29	30.2	27.4	26.6	26.7	32.3	22	85	89	59	59	64	77	72.2	------
23	61.20	62.11	63.32	61.06	60.84	62.35	61.81	25.3	23.5	29.5	31.7	27.6	25.2	27.1	33.3	23.3	84	89	64	46	66	80	71.5	------
24	61.67	62.22	63.07	60.76	61.10	62.58	61.90	25	24.5	29.5	31	27.3	26.2	27.2	33	24.2	80	84	61	53	75	75	71.3	------
25	61.47	62.03	63.30	60.70	60.16	62.21	61.64	25.5	25	28.5	31	28	25.6	27.3	33.3	24.5	80	84	70	56	67	77	72.3	10.7
26	61	61.24	63.10	60.66	60.61	61.70	61.38	24.6	23.6	28.5	30.5	27	24.3	26.4	32.3	23.2	92	95	70	50	76	90	78.8	------
27	61	61.11	62.29	60.37	60.05	61.62	61.07	23.8	24.4	28.8	30	27.5	25.9	26.7	31.8	23.1	92	85	67	63	73	85	77.5	------
28	61.03	61.29	62.85	60.37	60.75	61.95	61.37	25.1	24	29	30.7	25.7	26.2	26.8	31.8	23.6	89	86	68	62	81	71	76.2	------
Mean	61.05	61.39	62.68	60.43	60.53	61.72	61.30	23.9	22.9	28.4	30.2	26.8	24.6	26.1	32.1	22.4	87.4	89.6	66.9	55.2	72.3	83.2	75.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	19.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	Calm	E	NE	Calm	Calm	29	40.4	54.9	2.6	126.9	3	------------	Cu. E	1	------------	Cu.
2	NE	Calm	E	NE	Calm	Calm	36	45.4	54.2	3.4	139	4	------------	Cu. E	1	------------	Fr.-Cu.
3	Calm	Calm	E	NE	Calm	Calm	3.5	39.4	57.1	8.9	108.9	8	------------	Fr.-N. NE	1	------------	Cu.
4	Calm	Calm	NE	N	Calm	Calm	4.3	26.9	46.9	6.1	84.2	2	------------	Cu.	2	------------	Cu.
5	Calm	Calm	E	NE	Calm	Calm	4	38.8	48.9	3	94.7	2	------------	Cu.	2	------------	Cu.
6	Calm	Calm	E	NE	NE	NE	27.6	35.2	53.4	39.2	155.4	9	------------	N. E	7	A.-Cu.	Cu. NE
7	Calm	Calm	E	E	Calm	Calm	9.1	49.9	66	4.5	129.5	4	Ci.	Fr.-N. NE	2	------------	Cu.
8	Calm	Calm	E	NE	Calm	Calm	2.7	32.2	60.6	2.4	97.9	3	Ci.	Cu.	3	Ci.	Cu.
9	NNE	E	ENE	E	Calm	Calm	45.3	61.7	58.5	3.2	168.7	4	------------	N. E	1	------------	Cu.
10	Calm	Calm	E	NE	Calm	Calm	15.6	52	57.3	13.9	138.8	4	Ci.	Cu.	2	Ci.	Cu.
11	ENE	Calm	NE	E	Calm	Calm	22.2	56.5	54.2	5.3	138.2	9	------------	Fr.-N. E	2	------------	Cu. E
12	Calm	Calm	E	E	Calm	Calm	12.3	43	58.1	11.1	124.5	3	Ci.	N.	3	Ci.	Cu. E
13	Calm	Calm	E	E	E	E	19	59.5	83.9	69.7	232.1	7	Ci.	Fr.-N. E	2	------------	Cu.
14	E	ENE	NE	N	Calm	ENE	51.3	81.3	42	57.9	232.5	7	Ci.	Fr.-N. ENE	9	------------	Fr.-N. E
15	E	Calm	E	NE	Calm	ENE	51.7	75.1	66.3	64.9	258	9	------------	Fr.-N. E	2	------------	Cu.
16	ENE	Calm	ENE	ENE	Calm	Calm	32.7	52.6	62.2	16.3	163.8	3	Ci.	N.	8	Ci.-S.	Fr.-N. E
17	E	Calm	E	ENE	Calm	Calm	42.3	56.3	58.1	3.2	159.9	8	------------	Fr.-N. E	1	------------	Cu.
18	Calm	Calm	E	ENE	Calm	Calm	21.4	47.7	65	3.7	137.8	8	Ci.	Fr.-N. E	2	------------	Cu. ENE
19	Calm	Calm	E	ENE	N	Calm	10.7	44.6	51	13.1	119.4	5	------------	Cu.-N. E	1	------------	Cu.
20	Calm	Calm	ENE	NE	Calm	Calm	9.1	50.9	57.6	2.9	120.5	3	Ci.	Cu.-N. E	1	------------	Cu.
21	Calm	Calm	E	E	Calm	Calm	19.3	60.2	66.2	10	155.7	2	Ci.	N.	1	------------	Cu.
22	Calm	Calm	ENE	NE	ENE	ENE	27.9	53.1	59.7	22.2	162.9	8	------------	Fr.-N. E	3	------------	Cu.
23	Calm	Calm	E	E	Calm	Calm	29	50.4	75	18.3	172.7	3	Ci.	Cu. E	1	------------	Cu.
24	E	Calm	E	NE	Calm	ENE	25.7	58.7	55.2	37.5	177.1	9	------------	Fr.-N. E	1	------------	Cu.
25	ENE	E	ENE	E	E	ENE	38.3	73.2	70.8	25.7	208	8	Ci.	Fr.-N. E	1	------------	Cu.
26	ENE	Calm	ENE	ENE	NE	Calm	19.6	54.5	75.6	10.5	160.2	6	Ci.	Fr.-N. E	3	Ci.	Cu.
27	ENE	Calm	ENE	NE	NE	Calm	29.3	49.9	57.7	26.9	163.8	7	------------	Fr.-N. E	2	Ci.	Cu. NE
28	Calm	Calm	ENE	N	N	NE	16.3	44	67.8	58.2	186.3	6	A.-Cu.	Fr.-N.	4	Ci.-S.	Fr.-N. NNE
Mean	------	------	------	------	------	------	23.4	51.2	60.2	19.4	154.2	5.5	------------	------------	2.5	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,317.4	----	------------	------------	----	------------	------------

CAPIZ.

[φ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

MARCH, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	61.10	61.42	62.99	60.92	60.55	62.45	61.57	25.2	24.1	28.5	30	26.6	26	26.7	31.6	23.6	75	82	65	62	76	78	73	------
2	61.70	62.43	63.91	61.61	61.45	62.87	62.33	25.3	24.8	29.3	29.6	27.6	26.2	27.1	31.9	24.4	81	81	64	55	66	80	71.2	------
3	61.50	62.16	63.80	61.41	61.45	63.03	62.22	25.3	24.2	29	31	28.5	27	27.5	32.4	23.7	83	86	69	55	64	78	72.5	------
4	62.17	62.88	64.15	62.38	62	63.70	62.88	25.8	25.4	30	31.7	27.6	26.3	27.8	33.5	25	85	85	65	55	76	85	75.2	------
5	62.61	63.05	64.02	61.61	61.66	62.91	62.64	25.2	24.5	29.3	31.1	27.2	25.2	27.1	32.9	24.1	90	90	67	51	75	88	76.8	------
6	61.80	62.12	63.41	61	60.84	62.36	61.92	25	23	28.5	31	27.5	25	26.7	33.4	22.8	88	93	68	56	73	85	77.2	------
7	61.63	61.72	63.12	60.70	60.80	62.85	61.80	25.6	24.5	30	31	28	26.7	27.6	33.2	24	85	89	66	56	71	84	75.2	------
8	62.01	62.03	63.31	61.55	61.89	63.73	62.42	26.3	26	30.3	32.2	28.1	26.5	28.2	33.3	25.7	84	84	64	58	73	84	74.5	------
9	62.67	62.82	64.22	61.71	61.76	63.53	62.78	26	25.4	29.2	31.2	28	26.8	27.8	33.3	24.8	84	82	66	45	70	82	71.5	------
10	62.55	62.81	64.04	61.41	61.66	63.43	62.65	25.5	24.9	29	30.8	27.9	25.7	27.3	33.2	24.2	88	89	71	58	75	86	77.8	------
11	62.07	62.46	63.59	60.65	60.45	61.92	61.86	25	24.1	30	32.6	28.9	27	27.9	34.2	23.7	90	92	64	42	58	78	70.7	------
12	60.75	60.81	62.55	59.58	58.92	60.62	60.54	25.6	24	29.5	31.4	28	26	27.4	32.9	23.7	85	87	58	60	74	88	75.3	------
13	60	60.49	62.41	60.21	60.30	61.68	60.85	24.4	22.7	28.9	31.4	29.1	26.3	27.1	33	22	88	94	75	66	70	83	79.3	------
14	60.67	61.43	62.29	60.16	60.69	62.41	61.28	24	22.9	30.2	31.5	28	25	26.9	33.3	22.5	92	92	67	59	75	88	78.8	------
15	61.57	61.67	62.80	60.83	60.90	62.28	61.68	24.2	23	30	31.5	28	27	27.3	33.2	22.4	91	93	59	48	67	84	73.7	------
16	61.31	61.60	62.61	60.25	60.40	61.55	61.29	26.6	25.5	30	31.2	27.5	26.7	27.9	33.7	25.2	81	80	62	47	75	86	71.8	------
17	60.35	61.20	62.64	60.58	60.25	61.77	61.13	26.1	26.2	29.4	31.5	27.6	25.6	27.7	33.4	24.8	87	84	68	57	76	87	76.5	------
18	60.90	61.37	63.05	60.99	61.52	63.10	61.82	24	22.8	29	31.5	28	26.5	27	33.5	22.3	93	94	71	63	74	80	79.2	------
19	62.70	62.79	64.05	61.81	62.05	63.62	62.84	25.5	25	28.1	30	27.8	27.5	27.3	32.5	24.4	82	83	73	65	71	79	75.5	0.3
20	62.48	62.60	63.64	61.06	60.84	62.18	62.13	26	26	29.5	31.5	27.5	26	27.8	33.2	25.3	82	76	58	48	73	80	69.5	------
21	61.27	61.35	62.34	60.28	60.14	61.85	61.20	25.4	25	29.9	31.5	28.3	25.9	27.7	33.4	24.5	83	85	66	50	68	81	72.2	------
22	61.28	61.16	62.09	60.30	60.24	62	61.18	25.8	25.1	29.7	31.2	28.5	25.8	27.7	33.7	24.2	80	83	65	48	57	81	69	------
23	61.25	61.93	62.67	60.13	60.74	62.42	61.52	25.8	25	29.7	31	27.6	25.5	27.4	33.8	24.8	80	84	65	61	74	84	74.7	------
24	61.77	62.77	63.63	60.50	61.69	62.45	62.04	25.9	25.6	30	32.2	28	26.1	28	34.5	24.6	83	84	57	49	74	86	72.2	------
25	61.77	62.18	62.96	60.03	59.94	61.08	61.33	24.9	24.2	28.2	31.7	27.9	26.3	27.2	33.3	23.7	92	91	80	51	75	84	78.8	------
26	60.47	60.91	62.09	60.04	59.77	61.68	60.83	24.6	23.5	29.5	30.7	28.4	25.5	27	33.8	23.1	87	92	64	56	72	84	75.8	------
27	60.90	61.38	62.62	60.40	60.29	62.08	61.28	25	24.3	29.9	32.1	28.1	27	27.7	33.3	23.6	85	86	62	54	74	79	73.3	------
28	61.41	61.72	62.99	60.34	60.42	62.35	61.54	26.7	26.2	28.9	31.1	28.9	27.2	28.2	33.8	25.8	79	79	67	59	69	75	71.3	------
29	61.31	61.48	63.10	61.26	61.17	62.96	61.88	26.6	26.5	29	27.1	26	25	26.7	31.8	25	78	78	68	85	91	96	82.7	6.8
30	61.41	61.74	63.11	60.45	60.94	62.42	61.68	25	24.5	29.1	31	28.1	27	27.4	33.8	23.7	95	95	75	58	79	84	81	------
31	60.91	61.07	62.17	59.88	60.15	61.55	60.96	25.6	25	30.2	31	28.5	26.8	27.8	33	24.6	91	93	70	64	80	89	81.2	------
Mean	61.49	61.86	63.11	60.78	60.82	62.41	61.74	25.4	24.6	29.4	31.1	27.9	26.2	27.4	33.2	24.1	85.4	86.6	66.4	56.2	72.4	83.4	75.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0-10			0-10		
1	ENE	ENE	ENE	NNE	NNE	ENE	40.7	59.5	42.9	29	172.1	4	------------	N. ENE	3	------------	Fr.-Cu. NE
2	ENE	E	ENE	ENE	E	NE	40.7	64.9	74.2	27.6	207.4	7	------------	Fr.-N. E	6	Ci.	Cu. E
3	ENE	E	NE	ENE	E	E	49.3	64.6	81.1	23.5	218.5	5	Ci.	Fr.-N. E	2	Ci.	Cu. ENE
4	Calm	E	E	E	ENE	Calm	21.5	61.2	71.4	9.7	163.8	6	------------	N. E	2	Ci.	Cu.
5	ENE	E	ENE	ENE	ENE	Calm	24.8	57.4	51.8	13.4	146.9	6	Ci.	N.-cf. E	2	Ci.	Cu.
6	Calm	Calm	ENE	ENE	ENE	Calm	9.4	51.5	61	8.2	130.1	4	------------	N. E	2	Ci.	Cu.
7	ENE	E	ENE	ENE	ENE	E	33.6	57.3	76.9	25.4	193.2	2	------------	Fr.-Cu. E	2	------------	Cu.
8	ENE	ENE	E	E	ENE	ENE	44.5	71.3	55.3	24.6	195.7	9	Ci.-S.	N. E	2	------------	Cu. E
9	ENE	E	ENE	ENE	ENE	E	51.5	81.1	72.2	26.2	231	9	Ci.-S.	Fr.-N. E	1	------------	Cu.
10	ENE	ENE	ENE	ENE	NE	Calm	47.8	62	71	7.8	188.6	8	Ci.-S.	Fr.-N. E	2	------------	Cu.
11	Calm	E	E	E	ENE	ENE	4.5	62.5	70	38	175	8	Ci.	Fr.-N. E	1	------------	Cu.
12	ENE	Calm	ENE	ENE	ENE	Calm	18.5	46.5	85	15	165	7	Ci.	N.-cf. E	2	Ci.	Cu.
13	Calm	Calm	NE	NE	ENE	Calm	2.6	22.2	45.4	.6	70.8	2	------------	N.	4	Ci.	Cu.
14	Calm	Calm	ENE	NNE	NE	Calm	.6	29.3	56	1.8	87.7	2	------------	N.	1	------------	Cu.
15	Calm	Calm	ENE	ENE	NNE	NE	3.2	43.7	54.7	25.4	127	2	------------	Cu.	1	------------	Cu.
16	E	E	E	E	N	N	53.4	63.9	67.9	43.8	229	6	------------	Fr.-N. E	3	------------	Cu.
17	E	E	NE	NNE	NNE	Calm	27.7	66	55	4.6	153.3	9	------------	N. E	1	------------	Cu.
18	Calm	Calm	ENE	ENE	N	NE	1.9	40.8	63.8	55	161.5	9	------------	N. NE	3	Ci.	Cu. E
19	ENE	NE	NE	NNE	NE	ENE	44.3	52.6	51	27.6	175.5	7	Ci.	N.	4	Ci.	Fr.-Cu. NNE
20	ENE	ENE	E	NE	NE	Calm	59.8	75.9	53.9	8.2	197.8	10	------------	N. E	3	Ci.	Cu.
21	ENE	Calm	NE	NE	ENE	Calm	23.6	59	62.8	13.5	158.9	8	Ci.-S.	N. E	2	------------	Cu. E
22	E	E	E	NE	ENE	ENE	53.1	76.6	72.1	18.3	220.1	4	------------	Fr.-N. E	2	------------	Cu.
23	E	E	NE	NE	NE	Calm	45.9	67.8	69.7	7.2	190.6	4	------------	Fr.-N. E	1	------------	Cu.
24	SE	ENE	E	NE	NNE	Calm	38.4	56.5	64.2	9.9	169	3	------------	Fr.-N. E	2	------------	Cu.
25	Calm	SE	NE	ENE	NNE	NNW	4.5	49.9	48.5	16.3	119.2	8	------------	Fr.-N. E	2	------------	Cu.
26	Calm	Calm	NE	N	N	Calm	6.4	39.4	44	15.1	104.9	5	------------	Fr.-N. NE	1	------------	Fr.-Cu.
27	E	Calm	E	NE	NE	ENE	25.1	50.5	62	80.2	217.8	4	Ci.	Cu. NE	2	Ci.	Cu.
28	ENE	ENE	ENE	NE	ENE	NE	68.7	86.6	63.6	67	285.9	10	------------	N. ENE	6	A.-Cu.	N.
29	ENE	ENE	NE	NE	Calm	Calm	50.4	50.9	34.6	8.7	144.6	9	------------	N.	10	Ci.-S.	Fr.-N. NE
30	E	Calm	E	NNE	NNE	ENE	6.2	56	50.4	33	145.6	6	Ci.-Cu.	N. NE	7	Ci.-S.	Cu.
31	Calm	Calm	NE	NNE	NE	Calm	9.1	52.1	59.7	5.6	126.5	3	------------	Cu.	4	Ci.-Cu.	Cu.
Mean	------	------	------	------	------	------	29.4	57.4	61	22.3	170.1	6	------------	------------	2.8	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	5,273	----	------------	------------	----	------------	------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

APRIL, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.57	60.77	61.10	58.76	58.84	60.31	60.06	26.4	25.4	31	31	28.8	26.7	28.2	33.3	25.1	89	93	70	60	72	87	78.5	------
2	59.81	60.23	61.19	58.98	58.92	60.59	59.95	25.8	25.2	31.5	31.6	28.7	26.8	28.3	33.7	24.8	91	94	66	62	76	89	79.7	------
3	60.30	60.68	61.88	59.80	59.84	61.35	60.64	25.3	25	31.2	32	28.6	26.6	28.1	34.3	24.6	93	92	66	63	77	86	79.5	------
4	60.57	60.81	61.71	59.48	59.89	61.56	60.67	25.2	24.4	30.6	32.6	29	26.2	28	34.7	23.9	92	92	71	61	76	86	79.7	------
5	61.27	61.59	62.55	60.39	60.62	62.47	61.48	24.8	23.5	30.4	33	28.4	24.6	27.4	35.2	23.2	90	91	61	47	65	83	72.8	------
6	61.62	62.28	63.43	60.68	60.61	62.25	61.81	23.9	22.3	29.9	32.2	28.4	24.8	26.9	34.7	22	86	93	60	42	61	77	69.8	------
7	61	61.66	63.10	60.51	60.71	62.07	61.51	24.7	22.8	31	32.2	29	25	27.4	34.6	22.7	78	93	58	56	64	84	72.2	------
8	61.22	61.61	62.68	60.20	60.25	61.89	61.31	24.6	24.1	31.6	32.6	28.9	27.6	28.2	34.8	23.5	87	91	56	49	75	80	73	------
9	61.15	61.51	62.81	60.51	60.80	61.95	61.46	26.4	25.6	30.5	31.6	29	27.7	28.5	34.7	25.2	87	86	65	54	75	83	75	------
10	60.95	61.43	62.61	59.97	60.23	62.02	61.20	26.5	25.7	31	33.2	29.4	27.6	28.9	34.7	25.3	86	85	61	54	72	79	72.8	------
11	60.71	60.63	61.53	59.05	59.39	61.32	60.44	26.2	25.5	30.5	33	29.6	27.4	28.7	34.3	24.9	86	84	63	47	61	81	70.3	------
12	60.48	60.73	61.78	59.89	59.99	61.77	60.77	26.3	26	31	32.5	28.8	27.7	28.7	35.2	25.7	82	81	65	52	76	83	73.2	------
13	61.05	61.33	62.76	60.65	60.85	62.62	61.54	26.3	25.7	30.5	31.5	29	27.5	28.4	34.7	25	90	90	66	65	68	81	76.7	------
14	60.96	61.13	62.81	60.11	59.72	61.65	61.06	26.4	25.6	30.1	32.4	28.5	27.5	28.4	35.3	25.1	82	84	65	53	75	82	73.5	------
15	60.15	60.53	61.38	59.04	58.99	60.91	60.17	26.5	25.7	30.5	32.5	29.6	26.8	28.6	34.8	25.3	86	88	63	45	58	83	70.5	------
16	59.65	59.80	60.96	58.88	58.80	60.18	59.71	26.4	25	31.5	32.4	28.5	26	28.3	33.9	24.3	84	92	60	50	67	80	72.2	------
17	58.80	58.90	59.56	57.55	57.62	59.13	58.59	26.9	24.9	31	32.8	29.1	25.7	28.4	34.7	24.3	77	90	64	54	70	84	73.2	------
18	58.57	58.72	59.94	58	57.89	59.72	58.81	25.4	24.5	31.5	32.5	28.7	26.5	28.2	34.7	23.9	85	92	63	57	73	84	75.7	------
19	59.57	59.77	60.80	59.11	59.21	60.69	59.86	27.1	26.5	30.5	32.9	29.2	27.2	28.9	35	26	81	84	68	48	66	83	71.7	------
20	60.22	60.73	61.54	59.49	59.83	60.80	60.44	26.8	26	31.7	32.7	29.4	28	29.1	34.5	25.2	84	86	60	57	68	82	72.8	------
21	60.29	60.70	61.11	58.57	58.93	60.56	60.03	26.9	26.5	31.1	32.7	29.3	27.7	29	34.3	26.1	86	84	63	55	68	78	72.3	------
22	60.16	60.42	61.01	59.19	59.41	60.82	60.17	26.8	26	30.7	31.8	28.7	27.6	28.6	34.7	25.4	81	84	65	62	69	80	73.5	------
23	60.15	60.27	61.50	59.64	60.01	61.60	60.53	26.5	26.2	30.1	31.8	29.1	27.8	28.5	34.2	25.7	83	83	65	54	74	76	72.5	------
24	60.55	60.76	61.64	59.91	59.61	60.96	60.57	26.7	26	31	31.3	29	27.9	28.6	33.6	24.6	80	83	59	61	71	75	71.5	0.5
25	60.22	60.57	61.31	58.89	58.69	60.31	60	26.6	25.9	31.2	31.6	28.6	27.5	28.6	34.3	25	81	81	64	66	73	78	73.8	------
26	59.87	60.01	60.63	58.70	58.34	59.92	59.58	26.8	25.7	30.3	31.9	28.7	27.5	28.5	34.7	25.4	80	86	66	58	76	81	74.5	------
27	59.07	59.09	59.98	58.10	58.07	59.84	59.02	26.5	25.6	31.3	32.6	28.4	27.5	28.6	34.7	25.1	85	87	61	49	75	81	73	------
28	59.03	58.91	60.36	58.58	58.75	60.25	59.31	27.1	26.1	31.3	31.7	29.3	26.1	28.6	33.9	26	82	87	60	62	73	88	75.3	------
29	59.70	59.67	59.96	57.30	57.59	60.20	59.07	26.7	26	31.5	31.5	29.2	27.3	28.7	34.3	25.5	86	89	65	66	74	85	77.5	------
30	58.97	58.84	59.90	57.65	57.92	59.81	58.85	26.5	26.1	31.6	33.2	29.3	28	29.1	35.4	25.7	94	90	60	49	75	85	75.5	------
Mean	60.22	60.47	61.45	59.25	59.34	60.98	60.29	26.2	25.3	30.9	32.2	28.9	27	28.4	34.5	24.8	85.1	87.8	63.3	55.3	70.8	82.1	74.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	ENE	Calm	ENE	NNE	NE	Calm	15.3	49.7	72.7	12.9	150.6	1	Ci.	Cu.	2	Ci.	Cu.
2	Calm	Calm	NE	NE	ENE	Calm	8.2	45.6	70.8	5.4	130	5	Ci.	N.-cf. NE	2	------------	Cu.
3	Calm	Calm	ENE	ENE	ENE	Calm	2.4	44	67.3	2.6	116.3	3	Ci.-Cu.	Fr.-N. E	2	------------	Cu.
4	Calm	Calm	ENE	ENE	ENE	Calm	.8	40.4	67.8	2.1	111.1	2	Ci.	Cu.	2	Ci.	Cu.
5	Calm	Calm	E	ENE	ENE	Calm	.8	44.5	58.7	3	107	1	Ci.	Cu.	1	------------	Cu.
6	Calm	Calm	ENE	ENE	Calm	Calm	2.7	53.7	68.1	-----	-------	4	A.-Cu.	Fr.-N. E	1	------------	Cu.
7	Calm	Calm	NE	E	Calm	Calm	-----	-----	69.4	.6	-------	1	Ci.	S.	1	------------	Cu.
8	Calm	Calm	E	E	ENE	ENE	.8	78.6	69.2	50.2	198.8	8	------------	N. NE	1	------------	Cu.
9	ENE	E	ENE	ENE	ENE	ENE	49.3	77.5	71.1	60.2	258.1	3	------------	Fr.-Cu. E	7	------------	Fr.-N. E
10	ENE	E	NE	NE	Calm	ENE	44.6	73.8	59.7	36.8	214.9	2	------------	Cu.	3	Ci.	Cu. E
11	E	E	ENE	E	E	E	40.8	65.2	87.2	16.3	209.5	4	Ci.	Cu. E	1	------------	Cu.
12	ENE	ENE	ENE	ENE	ENE	ENE	25.4	67.4	63.3	38.3	194.4	5	------------	N.-cf. E	2	------------	Cu.
13	ENE	E	ENE	ENE	ENE	E	14.3	61.2	75.6	33.3	184.4	5	------------	Fr.-Cu. E	8	Ci.-S.	Fr.-N. E
14	E	E	E	E	ENE	E	22.5	73	61.8	28	185.3	3	Ci.	Cu. E	2	------------	Cu.
15	E	E	E	ENE	ENE	Calm	28.7	65	78.7	7.8	180.2	3	------------	Cu. E	2	------------	Cu.
16	Calm	Calm	NNE	NE	ENE	Calm	6.2	56.8	58.1	12.7	133.8	4	------------	N.-cf. E	3	Ci.	Cu.
17	E	Calm	NE	NE	NE	Calm	11	53.4	65.5	3.2	133.1	3	Ci.	Cu. E	2	Ci.	Cu.
18	Calm	Calm	NE	NE	Calm	Calm	1.6	52.6	52	9.1	115.3	3	------------	N.-cf. E	3	Ci.	Cu.
19	NE	ENE	ENE	NE	NE	Calm	43.3	78.3	61.5	23.5	206.6	8	------------	Fr.-N. E	1	------------	Cu.
20	NE	E	NE	NE	NE	NE	52.9	74.5	69.5	37.3	234.2	4	------------	Fr.-Cu. E	6	A.-Cu.	N. E
21	ENE	E	E	NE	NE	ENE	57.1	76.1	84.5	79.5	297.2	3	------------	Fr.-Cu. E	2	------------	Cu.
22	ENE	ENE	ENE	ENE	ENE	NE	38.8	73.8	62.6	64.1	239.3	2	------------	Fr.-Cu. ENE	8	------------	Fr.-N. E
23	ENE	ENE	ENE	E	Calm	ENE	46.7	76.2	53.1	75.3	251.3	4	------------	Fr.-Cu. ENE	4	A.-Cu.	Cu. E
24	NE	ENE	NE	NE	NNE	NE	64.1	82.4	50.2	46.7	243.4	7	A.-Cu.	Fr.-N. E	2	------------	Fr.-Cu. N
25	NNE	NE	NE	NE	ENE	ENE	48.3	66	55.8	46.5	216.6	7	A.-Cu. E	N.	3	------------	Cu. E
26	ENE	ENE	NE	ENE	NE	NE	40.5	67.9	55.3	29.5	193.2	2	------------	Cu. ENE	3	------------	Fr.-Cu. E
27	ENE	ENE	NE	ENE	ENE	ENE	41.3	70.2	83.1	37.5	232.1	1	------------	Cu. NE	2	------------	Cu. E
28	ENE	ENE	NE	NE	NNE	Calm	40	62.2	57.7	8	167.9	3	------------	Cu.	1	------------	Cu. NE
29	ENE	E	ENE	N	NNE	Calm	32.7	48.9	50.5	4.6	136.7	4	------------	Fr.-Cu. E	1	Ci.	Cu.
30	ENE	Calm	ENE	ENE	NE	Calm	8.7	53.3	63.4	5	130.4	9	Ci.	N. E	7	Ci.	Cu.
Mean	------	------	------	------	------	------	27.2	63.2	65.5	26.9	184.7	3.8	------------	------------	2.8	------------	------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

MAY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.67	58.85	59.54	57.20	57.54	59.54	58.56	27.4	26.7	31.7	32.2	29.3	27.3	29.1	33.9	26.5	87	90	66	63	77	87	78.3	------
2	58.42	58.49	58.98	56.89	57.96	59.53	58.38	26.3	25.6	31.6	31.8	27	26.1	28.1	34.2	25	91	91	68	69	87	89	82.5	------
3	58.81	58.47	58.84	56.74	57.77	59.17	58.30	25.8	25.1	29.8	31.1	25.2	25.5	27.1	34	24.5	89	92	71	71	89	94	84.3	2.1
4	57.78	57.90	58.40	56.28	56.75	58.17	57.55	24.6	24.2	30.1	31.6	29.4	26	27.6	33.3	23.9	95	96	75	66	73	89	82.3	------
5	57.49	58.03	58.74	57.04	57	58.66	57.83	24.8	24	31.5	32.7	29.6	26.7	28.2	35.3	23.4	94	95	66	54	64	80	75.5	------
6	57.87	57.80	58.70	57.48	57.53	58.90	58.05	27.8	27.3	32.2	33.7	30.6	28.4	30	35.8	26.2	82	85	65	48	60	83	70.5	------
7	57.55	57.49	58.65	56.34	56.61	58.32	57.49	26.5	26	30.9	33.7	30	28.6	29.3	35.3	25.6	90	89	69	48	71	74	73.5	------
8	57.54	57.88	58.94	57.24	56.71	58.21	57.75	27.2	26.6	30.8	33	30.5	28.7	29.5	35.2	26.2	83	83	65	48	58	78	69.2	------
9	57.45	57.78	58.81	57.24	57.08	58.77	57.86	27.7	26.8	31.5	33.8	30.2	28	29.7	35.7	26.6	82	86	64	44	67	82	70.8	------
10	58.10	58.08	58.50	56.48	56.91	58.76	57.80	27.1	25.7	32.1	31.4	29.6	28	29	35.3	25.2	85	90	63	63	70	81	75.3	------
11	57.85	58.10	58.65	56.95	57.85	58.98	58.06	27.3	26.6	32.1	32	29.2	27	29	35.1	26.3	86	91	66	66	78	88	79.2	------
12	58.08	58.34	59.71	57.54	57.28	59.34	58.38	25.8	25.1	32.4	32.5	30.2	28.4	29.1	35	24.6	89	92	67	60	71	85	77.3	------
13	58.35	58.38	58.90	57.04	57.31	59.15	58.19	27	26.2	32.4	33.2	30.6	27	29.4	36.1	25.6	90	94	67	63	72	83	78.2	------
14	58.67	58.92	58.83	57.02	58.01	59.96	58.57	26.7	25.5	33.2	31.7	28.3	26.3	28.6	36.7	25.2	83	89	55	68	83	82	76.7	.3
15	58.77	58.91	59.35	57.05	57.94	59.27	58.55	25.7	26.1	31.2	31.4	29.6	27.5	28.6	34.8	25.6	89	92	68	69	79	86	80.5	------
16	57.96	58.22	58.40	56.45	57.37	59.25	57.94	26.1	25.8	31	29.4	28.8	25.7	27.8	33.7	25.4	92	92	72	79	76	89	83.3	17.3
17	58.29	58.43	59.41	57.05	57.86	59.90	58.49	25	25.5	29.7	32.8	26.7	25.8	27.6	34.3	25	93	95	75	60	83	89	82.5	.3
18	59.20	59.53	60.14	59.04	59.58	60.71	59.70	25.8	25.5	31.7	31.6	25.6	25.1	27.6	34.4	24.4	90	93	65	70	91	96	84.2	17.2
19	60	60.07	60.39	58.36	58.90	60.17	59.65	24.6	24.5	31.3	30.9	27.5	25.6	27.4	33.5	24.2	97	97	67	71	81	91	84	------
20	59.25	59.38	58.95	56.98	57.62	58.37	58.42	24.8	24.9	32.2	32.6	28	26	28.1	35.7	24	93	92	57	61	78	88	78.2	.3
21	58.13	58.33	58.34	56.70	57.07	58.46	57.84	25.1	24.8	32	30.6	28.4	26	27.8	35	24.2	92	93	66	70	80	94	82.5	.8
22	57.87	57.92	58.25	57.50	58.36	59.47	58.23	25.2	25.1	31.5	28	27.9	26	27.3	34.3	24.8	95	95	69	74	78	84	82.5	1.5
23	59.01	59.08	59.09	57.45	58.55	59.38	58.76	25.8	25.3	29.5	31.7	24.9	24.3	26.9	33.6	23.9	90	93	71	59	93	93	83.2	2.9
24	59.13	59.15	59.26	57.88	58.01	59.75	58.86	24.8	25	31.5	29.8	29.6	26.5	27.9	34.2	24.6	94	94	64	70	73	90	80.8	------
25	59.36	59.73	59.84	58.22	58.72	60.42	59.38	25.6	25.2	29.1	32.2	28.7	26.4	27.9	33.7	24.9	92	94	78	63	76	90	82.2	.8
26	59.45	59.47	60.13	57.98	58.45	60.10	59.26	25.7	25	30.7	33.1	29.2	28	28.6	34.5	24.5	93	96	73	63	83	87	82.5	------
27	59.16	59.25	59.84	57.49	58.89	60.55	59.20	26	25.3	30.8	32.6	24.9	25.3	27.5	34.9	24.5	92	93	68	66	94	95	84.7	33.1
28	59.23	59.08	60.65	58.15	58.57	60.12	59.30	25.2	25	31.2	31.7	29.7	26.9	28.3	33.8	24.7	96	97	68	70	74	89	82.3	------
29	59.10	59.42	59.65	57.58	58.28	59.52	58.92	25.6	25.1	31.3	33	30.3	27.8	28.8	34.8	24.4	95	95	72	59	76	87	80.7	------
30	58.17	58.34	58.48	56.53	56.73	57.62	57.64	26	25.5	32.6	32.8	30.5	27	29.1	34.4	25.1	94	93	66	65	76	84	79.7	------
31	57.20	57.60	57.49	55.95	56.24	57.27	56.96	25.7	25.5	32	32.2	30.5	27.6	28.9	34.9	25.2	93	93	66	63	75	88	79.7	------
Mean	58.45	58.59	59.09	57.22	57.72	59.22	58.38	26	25.5	31.3	32	28.7	26.8	28.4	34.7	25	90.5	92.3	67.5	63.3	77	86.9	79.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	76.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	E	ENE	NNE	Calm	Calm	7.2	53.1	44.1	4.3	108.7	9	Ci.-S.	Fr.-N. E	7	Ci.-S.	N.
2	Calm	Calm	N	N	SSE	E	2.2	35.2	47	14.7	99.1	8	Ci.-S.	N.	7	Ci.	N. N
3	Calm	Calm	N	E	S	Calm	4.2	32.7	38.3	7.4	82.6	7	Ci.	N.	8	Ci.-S.	N.
4	Calm	Calm	E	ENE	ENE	Calm	1.3	30.9	40.2	1.6	74	7	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu. E
5	Calm	Calm	ENE	NE	ENE	Calm	1.9	41.5	55	5.1	103.5	8	Ci.	Fr.-Cu. NE	2	Ci.	Cu.
6	E	E	ENE	E	ENE	ENE	31.2	80.8	75.8	38.3	226.1	7	------------	Fr.-N. E	2	------------	Cu.
7	ENE	Calm	NE	E	ENE	E	17.1	68.7	85.5	46.5	217.8	8	------------	Fr.-N. E	2	------------	Cu.
8	ENE	ENE	NE	E	E	ENE	50.4	82.6	74.8	29.2	237	6	A.-Cu.	Fr.-Cu. E	4	Ci.-S.	Cu.
9	E	E	E	E	E	E	38.3	73.2	75.8	56.5	243.8	8	Ci.	Fr.-Cu. E	7	Ci.-S.	N.
10	E	Calm	NE	NE	ENE	Calm	12.7	53.9	62.8	19.1	148.5	6	Ci.	Cu. E	7	Ci.-S.	N.
11	Calm	Calm	NNE	NNE	Calm	Calm	7	38	39.4	8	92.4	8	Ci.-S.	N. E	8	Ci.-S.	N.
12	Calm	Calm	NE	ENE	E	Calm	1.9	36.7	45.9	5.1	89.6	2	Ci.	N.	8	Ci.-S.	N.
13	Calm	Calm	NW	ENE	NNE	SE	3	42.9	47.3	19.3	112.5	5	Ci.	N.	7	------------	Fr.-N. E
14	SW	SE	SW	NNE	S	SE	22.5	33.6	51	17.5	124.6	10	Ci.-S.	Fr.-N. SE	8	Ci.-S.	Cu.
15	Calm	Calm	NNW	N	Calm	SSE	15.3	31.4	42.6	13.2	102.5	8	A.-Cu.	Fr.-N. S	8	Ci.-S.	Fr.-N.
16	SSE	Calm	NNW	NE	NE	SE	11	27.1	43.3	17.9	99.3	7	Ci.	Fr.-N. SE	7	Ci.-S.	N.
17	Calm	Calm	SE	ENE	SE	Calm	7.5	21.1	48	7.8	84.4	10	Ci.-S.	N.	8	Ci.-S.	N. SE
18	SE	Calm	SSE	S	Calm	Calm	13.4	41.6	36.5	5	96.5	7	Ci.-S.	Fr.-N.	10	Ci.-S.	N. S
19	Calm	Calm	S	N	SE	Calm	3	26.6	41.6	8	79.2	10	Ci.-S.	Fr.-N. S	9	Ci.-S.	N.
20	Calm	SE	SE	NW	SE	Calm	6.4	43.1	70.5	7	127	4	Ci.	Cu.	7	Ci.	Cu. SW
21	Calm	Calm	E	ENE	WNW	Calm	7.7	39.2	35.2	8.2	90.3	6	Ci.-S.	Cu.	10	------------	N. SE
22	Calm	Calm	WNW	S	SE	S	4.3	34	53.3	45.3	136.9	10	Ci.-S.	N.	10	------------	Fr.-N. S
23	S	SE	WNW	N	SE	SE	17.5	22.8	59.3	29	128.6	10	------------	N.	4	Ci.	N. SW
24	Calm	Calm	SE	SE	NE	Calm	8.7	31.6	34.6	5.4	80.3	8	Ci.-S.	Fr.-N. SE	9	Ci.-S.	Fr.-N. SE
25	Calm	Calm	SSE	NNE	S	Calm	3.7	18.5	51.7	23.5	97.4	8	Ci.-S.	N.	8	Ci.-S.	N. SE
26	SW	Calm	N	NE	NNE	SW	6.6	27.2	45.7	15.6	95.1	5	Ci.	Cu.	5	Ci.	Cu. SE
27	SW	Calm	NNE	NE	ESE	Calm	11.1	26.6	53.9	14.7	106.3	7	Ci.	N. SE	6	Ci.-S.	Cu. S
28	Calm	SW	SSE	NNE	N	Calm	14.3	33.2	43.3	11.5	102.3	10	Ci.-S.	N.	6	Ci.	N. S
29	SSE	Calm	NNE	N	N	Calm	5.8	26	44.6	9.1	85.5	5	Ci.	Cu.	8	Ci.-S.	N.
30	Calm	Calm	NW	NNE	N	Calm	5.4	35.2	45.3	7.7	93.6	6	Ci.	Cu.	6	Ci.	Cu.
31	Calm	Calm	NW	NE	NE	Calm	3	30.1	42.6	6.1	81.8	8	Ci.	N.	7	Ci.	N.
Mean	------	------	------	------	------	------	11.1	39.3	50.8	16.4	117.7	7.4	------------	------------	6.8	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	3,647.2	----	------------	------------	----	------------	------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

JUNE, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	° *C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.15	57.87	58.53	57.32	57.40	58.90	57.86	26	25.5	32.5	33.1	30.7	27.9	29.3	34.8	24.8	94	95	63	63	70	85	78.3	------
2	58.68	59.09	59.59	57.78	57.79	60.12	58.84	26.5	25.8	32.4	33	30.3	28.8	29.5	35	25	91	91	64	54	66	77	73.8	------
3	59	59.62	59.55	57.88	58.30	59.41	58.96	27.5	27.9	31.5	33.3	30.6	27.5	29.7	35.2	26.7	85	82	64	59	72	86	74.7	0.8
4	58.85	59.36	59.41	57.63	57.71	58.69	58.61	26.7	26.2	31.1	30.2	29.1	25.3	28.1	34	25.1	90	93	76	75	74	87	82.5	------
5	58.03	58.27	58.81	57.03	57.60	58.92	58.11	25.2	25	30.5	33.6	30	28	28.7	35.7	24.5	90	92	68	50	75	85	76.7	------
6	58.27	58.77	59.23	57.84	58.31	59.60	58.67	26.1	24.7	31.6	32.6	30.3	28.2	28.9	34.5	24.5	91	91	57	55	64	81?	73.2	------
7	58.51	58.84	59.60	57.24	57.20	58.90	58.38	27.5	27.1	31	33.5	30.7	28	29.6	34.8	26.5	81	81	69	54	65	83	72.2	5.1
8	58	58.29	58.84	56.34	56.34	58.18	57.66	25.5	25.9	30.7	32.2	29.5	27.7	28.6	33.9	25	96	95	70	57	70	84	78.7	1.6
9	56.87	56.96	57.83	56.09	55.98	57.47	56.87	27.5	26.2	31.5	32.6	30.2	28.9	29.5	34.4	26	81	90	65	52	64	78	71.7	------
10	56.70	56.99	57.70	55.88	55.95	57.95	56.86	27.2	26.1	31.5	31.5	29.5	28	29	33.4	25.5	86	89	67	63	74	82	76.8	------
11	57.07	57.31	58.34	56.10	56.38	57.95	57.19	27.2	26.5	28.9	31.7	29.9	27.7	28.6	33.9	26.1	87	91	80	65	72	84	79.8	82.5
12	58.22	57.91	58.88	56.94	57.35	58.64	57.99	24.6	24.2	26.2	30.4	27.9	26.5	26.6	31.8	23.3	95	97	93	74	86	90	89.2	2.1
13	58.07	57.70	58.59	57.05	57.02	58.76	57.86	25.8	25.5	26.5	30.7	29.4	27.4	27.6	32.6	25.1	94	96	96	70	74	88	86.3	25.9
14	58.18	57.68	58.07	56.70	56.50	58.07	57.53	24.4	24.9	30.7	30.7	28.9	27.3	27.8	32.5	24	91	96	74	72	81	90	84	.8
15	57.77	57.98	58.01	56.80	57.11	58.95	57.77	27.6	27.4	30.5	31.9	29.5	28.3	29.2	33.7	26.7	91	91	74	71	75	85	81.2	6.8
16	57.92	58.37	59.03	57.83	58.26	59.97	58.56	27.7	26.5	31.3	31.9	30	28.2	29.3	33.7	26.2	85	90	75	64	75	85	79	------
17	58.60	58.43	58.71	57.48	57.35	58.94	58.25	27.2	26.8	29.8	31.4	29.4	28.6	28.9	32.9	26.4	90	92	77	70	76	84	81.5	------
18	57.95	57.72	58.75	57.24	57.14	57.94	57.79	27.6	27.4	30.7	32.2	30	28.5	29.4	33.7	27.1	87	87	72	64	75	83	78	------
19	57.22	57.33	57.95	56.37	56.66	58.26	57.30	27	26.5	31.5	31.5	29.8	28.5	29.1	33.6	26.3	90	92	73	69	73	87	80.7	.5
20	57.07	57.09	57.80	55.97	56.73	58.17	57.14	27.9	25.7	30.3	31.7	30	27.7	28.9	34.2	25.4	87	94	71	68	71	87	79.7	------
21	57.41	57.75	58.52	56.70	56.94	58.77	57.68	26.7	25	30.2	30.5	29.1	26.8	28	32.3	24.8	88	96	71	74	75	91	82.5	------
22	57.80	58.12	58.21	56.44	57.11	58.60	57.71	26	25.8	31	32.2	29.3	25.7	28.3	33.8	25.4	94	93	68	63	76	90	80.7	2.8
23	57.27	57.41	57.70	56.05	56.51	58.20	57.19	25.5	25.9	30.9	31.1	29.6	26.2	28.2	33.6	25.4	94	93	72	65	78	88	81.7	35.5
24	57.69	57.90	58.01	56.52	56.64	58.59	57.56	25	24.8	26.6	30.8	28.6	26.5	27	32.3	24.6	96	97	91	70	80	92	87.7	2.1
25	57.68	57.89	58.27	56.78	57.07	58.39	57.68	25.7	25.3	29.1	25.5	25.6	24.5	26	31.5	24.4	94	97	77	92	91	92	90.5	3.8
26	57.68	57.64	58.48	56.94	57.54	59.08	57.89	24.2	24.1	28.7	26.6	26.9	25	25.9	30.8	23.8	95	96	80	87	88	88	89	.5
27	58.38	58.09	58.84	58.30	58.52	59.77	58.65	24.2	24.7	30.6	27.5	25.5	25	26.2	33.1	24	93	95	71	88	92	97	89.3	2.8
28	58.74	58.60	59.25	57.53	57.96	59.93	58.67	23.9	23.3	30	30.9	29.4	26.1	27.3	32.9	23.2	97	97	70	72	76	89	83.5	.3
29	58.68	58.71	59.61	57.70	58.56	59.76	58.84	25.8	25.7	29.9	32.8	26.5	25.8	27.8	33.7	25.4	91	96	75	68	85	90	84.2	------
30	59.12	59.24	59.63	57.63	57.92	59.90	58.91	25	25.7	31	32.7	28.1	27	28.2	34.3	24.6	96	94	74	62	81	90	82.8	------
Mean	57.95	58.10	58.66	57	57.26	58.83	57.97	26.2	25.7	30.3	31.3	29.1	27.2	28.3	33.6	25.2	90.7	92.6	73.2	67	75.8	86.6	81	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	173.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NE	NE	ENE	Calm	3.5	32.2	49.3	4.2	89.2	4	Ci.	Cu.	3	Ci.	Cu. SE
2	Calm	SE	NE	NE	NE	ENE	5	43.3	55	13.2	116.5	9	Ci.-S.	Cu.-N. SE	3	Ci.	Cu.
3	ENE	ENE	NE	NE	NE	Calm	33.5	53.1	49.7	22.7	159	8	Ci.-S.	N.	7	Ci.	Cu. NE
4	Calm	Calm	E	NE	E	Calm	3	35.6	44.1	9.2	91.9	10	Ci.-S.	N. SE	9	Ci.-S.	Fr.-N. NE
5	Calm	Calm	SE	E	E	Calm	1.9	34.9	79.2	5	121	8	Ci.-S.	N.	7	Ci.	Cu. SE
6	E	Calm	E	E	E	E	6.9	55.3	68.1	47.8	178.1	7	Ci.	Fr.-Cu. E	7	Ci.	Cu. E
7	E	E	E	E	E	ENE	35.1	72.7	69.5	31.1	208.4	8	Ci.	Fr.-N. E	4	Ci.	Cu.
8	E	Calm	ENE	NE	NE	ENE	14.7	32.5	46.7	10.7	104.6	7	Ci.	Fr.-N. E	2	------------	Cu.
9	Calm	Calm	ENE	ENE	ENE	E	9.4	39.6	63.9	14	126.9	7	Ci.	Cu. E	4	Ci.	Cu.
10	Calm	Calm	NE	N	NNE	Calm	1.9	41.2	46.9	3.8	93.8	7	Ci.	Fr.-N. E	8	Ci.-S.	Fr.-Cu.
11	Calm	Calm	NE	NE	NE	Calm	3.5	19.5	51.8	7.7	82.5	7	Ci.	Fr.-Cu.NE	6	Ci.	Cu. NE
12	S	Calm	NW	E	ENE	Calm	23.9	13.2	42	15.5	94.6	10	------------	N.	9	Ci.-S.	N.
13	Calm	Calm	SW	E	E	ENE	9.2	15.3	51.7	25.5	101.7	9	Ci.-S.	N. E	8	Ci.-S.	Cu. E
14	S	Calm	ENE	ENE	Calm	Calm	20.7	55.2	63	6.9	145.8	7	Ci.	N.	7	Ci.	Fr.-Cu. ENE
15	SE	Calm	E	ENE	ENE	ENE	12.1	48.1	66.8	19.6	146.6	9	Ci.-S.	Fr.-N. E	6	Ci.	Cu.
16	ENE	ENE	ENE	ENE	ENE	E	51.8	60	61.2	33.8	206.8	6	Ci.	N. E	4	Ci.	Cu.
17	E	E	E	E	E	ENE	44.1	66.2	68.9	35.4	214.6	9	Ci.-S.	Fr.-N. E	9	Ci.-S.	Fr.-N. E
18	ENE	ENE	ENE	ENE	ENE	ENE	34	60.2	66.8	45.6	206.6	7	Ci.	Fr.-N. E	3	Ci.	Cu.
19	ENE	Calm	ENE	ENE	Calm	Calm	18	46.7	55.2	12.7	132.6	6	Ci.	Fr.-N. E	9	Ci.-S.	Cu.
20	S	WSW	ENE	ENE	ENE	Calm	20.6	29	46.4	3.5	99.5	9	Ci.-S.	N.	8	Ci.-S.	Cu.
21	SW	Calm	NE	NE	Calm	Calm	8.7	22.2	51.7	1.6	84.2	9	Ci.-S.	N. ENE	8	Ci.-S.	N.
22	Calm	Calm	ENE	ENE	NE	NE	2.2	34.6	43.8	18.8	99.4	8	Ci.	Fr.-N. E	8	Ci.-S.	Cu.
23	Calm	Calm	ENE	E	NE	Calm	7.2	48.9	52.1	12.4	120.6	9	Ci.-S.	N. NE	8	Ci.-S.	Cu.
24	Calm	Calm	Calm	E	E	Calm	12.3	8.2	44.1	16.1	80.7	10	------------	N.	8	Ci.-S.	Fr.-N.
25	Calm	Calm	WNW	SSE	SSE	SSE	5.9	20.1	28.4	12.3	66.7	10	Ci.-S.	N. E	10	Ci.-S.	N.
26	Calm	Calm	S	S	Calm	S	4.5	48	45.3	22.7	120.5	9	Ci.-S.	N.	10	Ci.-S.	N.
27	SW	SW	S	SW	Calm	Calm	20.1	29	40.5	10.8	100.4	9	Ci.-S.	N.	10	------------	N.
28	Calm	Calm	SE	N	NE	Calm	5.1	26.8	31.1	16.7	79.7	7	Ci.	Cu.	9	Ci.-S.	N.
29	Calm	Calm	SE	W	SE	Calm	6.9	28	34.9	11.9	81.7	10	Ci.-S.	N.	8	Ci.-S.	N.
30	Calm	S	N	SSE	WSW	SE	5.9	34.4	49.3	12.1	101.7	7	A.-Cu.	N.	8	Ci.-S.	N.
Mean	------	------	------	------	------	------	14.4	38.5	52.2	16.8	121.9	8.1	------------	------------	7	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	3,656.3	----	------------	------------	----	------------	------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

JULY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.22	59.48	59.60	57.68	57.67	58.64	58.72	26.6	25.6	31.5	31.2	25.9	24.7	27.6	34.6	24.5	90	95	65	73	94	95	85.3	5.9
2	57.74	57.66	57.75	56.38	56.86	58.40	57.46	24.2	24.3	29.9	30.8	29.5	27.5	27.7	32.2	24	97	97	82	72	79	91	86.3	------
3	56.82	56.94	57.20	56.17	56.86	58.47	57.08	25.6	25.1	31.5	31.3	30	26.8	28.4	34	24.6	95	95	75	77	74	90	84.3	------
4	57.89	58.33	58.86	57.12	57.33	59.24	58.13	25	24.8	31.8	31.8	30.1	28.3	28.6	34.8	24.2	97	97	70	67	81	84	82.7	1.5
5	58.67	58.98	59.05	57.62	58.13	59.42	58.64	26.5	26	31.2	32.8	30.5	26.5	28.9	33.8	25.8	96	98	71	65	78	82	81.7	------
6	58.47	58.64	59.35	57.48	57.98	59.06	58.50	25.5	24.5	30.7	32.5	31.1	27.5	28.6	34.3	24	88	96	74	63	71	85	79.5	41.9
7	58.83	59.29	59.68	57.65	58.38	59.76	58.93	25.4	25	30.6	31.7	30.4	27.5	28.4	33.4	24.5	97	97	74	68	66	84	81	------
8	59.07	59.33	59.88	58.35	58.63	61.01	59.38	26.2	25.4	32.2	32.4	30.2	28.5	29.2	34.2	25	94	93	63	64	69	85	78	8.6
9	59.65	60.01	60.85	59.29	59.35	60.77	59.99	24.7	24.5	30.7	32	30.1	27.8	28.3	33.4	24.1	94	96	76	67	77	90	83.3	.8
10	59.44	59.76	60.56	58.54	58.70	60.09	59.52	27.7	27.2	31	31.9	28.9	26.6	28.9	33.5	26.5	89	89	72	64	78	94	81	7.6
11	58.87	58.92	59.65	58.14	58.69	60.08	59.06	26.6	26.2	30.1	31.9	29	24.2	28	33.3	23.3	94	94	75	70	78	93	84	54.1
12	59.23	58.75	59.34	57.75	58.09	59.27	58.74	23.9	23.5	30	31	28.7	26	27.2	32.7	23	94	96	75	66	80	92	83.8	------
13	58.07	58.10	59.03	56.73	57.45	58.27	57.94	25.3	24.7	28	31.2	27.7	27	27.3	32.6	24.5	94	96	81	64	79	80	82.3	2.5
14	57.52	57.42	57.62	56.35	56.50	57.86	57.21	26.7	26.7	30.2	31	28.2	27.5	28.4	32.3	25.6	83	85	73	65	80	84	78.3	46.8
15	57.03	57.40	57.53	56.85	57.02	58.58	57.40	26.3	23.6	27	29.7	28	23.8	26.4	31.3	23.1	90	97	87	75	82	93	87.3	32.2
16	58.01	58.13	58.85	57.49	57.16	58.87	58.08	24	24.1	29	30	26.5	25	26.4	31.4	23.7	96	96	80	74	84	92	87	1
17	57.82	57.88	58.09	56.89	56.94	58.18	57.63	24.7	24.4	30.2	30.4	29	27.3	27.7	32.5	24	94	96	75	73	81	90	84.8	.3
18	57	57	57.20	55.91	56.44	57.80	56.89	26.2	25.5	30.7	31.4	29.4	27.3	28.4	33	25	94	93	71	70	76	90	82.3	------
19	56.50	56.29	57.01	55.34	55.92	57.45	56.42	26	25.1	28.8	31.7	29.4	26.7	28	33	24.6	90	96	80	66	78	91	83.5	------
20	56.43	56.33	57.29	55.38	56.34	57.84	56.60	25.9	24.9	30.4	31.8	27.1	26	27.7	33.5	24.5	94	94	72	69	79	92	83.3	.5
21	57.09	57.25	58.15	56.36	57.85	59.81	57.75	25.8	25.9	30	31.1	25	25	27.1	33.3	24.6	93	94	72	75	92	94	86.7	2.6
22	58.69	58.50	59.45	57.90	58.46	59.95	58.82	24.6	24.4	30	31.6	27.6	26	27.4	33	23.8	96	97	77	66	84	88	84.7	------
23	58.42	58.79	59.70	57.53	57.80	58.88	58.52	24.9	24.4	31.5	33	26.4	25.1	27.6	34.1	23.9	92	93	65	64	86	91	81.8	------
24	57.39	57.11	57.26	55.63	55.41	57.35	56.69	24.7	24.5	28.4	32	29.7	26.5	27.6	33.7	24.2	93	93	86	64	69	85	81.7	------
25	56.27	56.13	56.57	55.87	55.68	57.43	56.32	25.4	25.2	29.9	25.8	26.9	25.2	26.4	33.8	24.9	92	92	63	93	92	90	87	11.7
26	56.29	56.31	56.35	54.68	55.57	57.13	56.06	25	24.4	28.6	30.4	27.6	25.4	26.9	32.4	24	90	93	78	65	76	89	81.8	------
27	55.87	55.53	55.92	54.70	54.39	55.34	55.29	25	24.2	30.3	29.5	26.5	25.1	26.8	33.3	23.8	90	93	66	75	81	93	83	1.3
28	54.74	54.06	55.42	53.62	53.80	54.57	54.37	24.6	24.6	24.6	28.9	26.6	24.7	25.7	30.4	23.8	96	95	93	80	88	96	91.3	16.3
29	53.74	53.38	53.30	52.39	53.31	54.06	53.36	23.5	23.9	27	26.3	24.5	24.1	24.9	28.2	23.2	97	97	87	93	96	95	94.2	32.8
30	52.88	53.03	53.69	53.22	54.31	55.40	53.76	23.6	23.8	26.5	27.5	24.7	26	25.4	28.7	23.4	97	97	80	84	94	80	88.7	8.6
31	54.64	54.76	55.38	54.64	55.30	56.96	55.28	26	24.7	29.2	30.5	28.3	27.1	27.6	32.5	24.5	80	83	76	72	72	81	77.3	------
Mean	57.36	57.40	57.92	56.44	56.85	58.26	57.37	25.4	24.9	29.7	30.8	28.2	26.2	27.5	32.8	24.3	92.8	94.3	75.3	71.1	80.5	89	83.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	277

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	S	NE	Calm	Calm	2.9	35.6	42.4	10.5	91.4	5	Ci.	N.	10	------------	N.
2	Calm	Calm	S	NW	N	Calm	7.8	35.4	42.1	24.4	109.7	9	Ci.	Fr.-N.	10	Ci.-S.	N.
3	Calm	S	SE	NE	NE	SSE	29.3	46.5	45.9	19	140.7	7	Ci.	N.	9	Ci.-S.	Fr.-N.
4	Calm	Calm	S	N	NNE	S	2.1	31.4	51	15.8	100.3	2	------------	Cu.	7	Ci.-S.	N.
5	S	Calm	S	N	N	SSE	14	22.5	51.5	29.8	117.8	8	Ci.	N.	4	Ci.	Cu.
6	Calm	Calm	Calm	N	WSW	Calm	2.7	16.3	38.4	13.1	70.5	7	Ci.-S.	Cu.	7	Ci.	N.
7	SE	Calm	NNE	NE	E	Calm	14.3	30.3	56.9	------	------	7	Ci.-S.	Cu.	5	Ci.	N. NE
8	Calm	Calm	E	NE	NE	Calm	------	------	70.5	17.1	------	4	Ci.-S.	Cu.	5	Ci.	Cu.
9	Calm	Calm	N	N	NE	Calm	6.2	10.7	------	------	------	8	Ci.-S.	N.	7	Ci.	Cu. N
10	NE	Calm	NE	NE	N	Calm	------	------	49.6	15.9	------	8	Ci.	Fr.-N. E	7	Ci.	Cu. NE
11	Calm	Calm	NE	NE	W	WSW	14.7	32.7	51.3	29.3	128	8	Ci.	Fr.-N. NE	6	Ci.	N. E
12	Calm	Calm	NE	ENE	Calm	ENE	4.5	23.1	59.8	7.8	95.2	9	Ci.-S.	N.	9	Ci.-S.	N.
13	Calm	Calm	NE	NE	NE	E	2.1	27.2	54.2	34.8	118.3	7	Ci.	N. E	8	Ci.-S.	N.
14	E	E	ENE	ENE	ENE	E	38.6	76.6	72.1	18.3	205.6	9	------------	Fr.-N. E	7	Ci.-S.	N. E
15	E	SE	Calm	NNE	Calm	S	20.9	23	42.9	20.1	106.9	10	------------	N. E	7	Ci.-S.	N. NE
16	Calm	Calm	NE	ENE	ENE	Calm	7	34.9	64.7	11.9	118.5	10	------------	Fr.-N. NE	9	Ci.-S.	N.
17	Calm	Calm	NE	NE	Calm	E	9.4	44.1	42.3	6.6	102.4	9	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Fr.-N. NE
18	Calm	Calm	NE	NE	N	Calm	8.3	37.3	44.1	6.6	96.3	5	Ci.	N. NE	6	Ci.	N. NE
19	Calm	Calm	E	ENE	Calm	Calm	2.7	23.3	34	6.4	66.4	8	Ci.-S.	Cu.	7	Ci.	N. SE
20	Calm	Calm	W	NE	SW	Calm	5.6	19.5	46.4	10.8	82.3	8	Ci.-S.	N.	4	Ci.	Cu.
21	Calm	S	S	W	ESE	Calm	15.3	36.4	56.1	11.3	119.1	9	Ci.-S.	N.	7	Ci.	Fr.-N. SW
22	Calm	Calm	Calm	NE	SE	Calm	5.9	14.2	35.1	10.3	65.5	8	Ci.-S.	N.	9	Ci.-S.	N.
23	Calm	Calm	W	NW	SE	Calm	4	18	56.5	12.7	91.2	10	Ci.-S.	N.	8	Ci.-S.	Fr.-N. SW
24	Calm	Calm	SE	WNW	SW	S	10.7	18.2	38.3	22.2	89.4	10	------------	N.	8	Ci.-S.	Cu. W
25	S	S	SE	Calm	Calm	Calm	25.5	35.9	20.1	17.9	99.4	9	A.-Cu.	N.	10	------------	N. SW
26	S	Calm	SSW	Calm	W	Calm	33.6	31.7	43.8	25.5	134.6	10	Ci.-S.	N.	10	Ci.-S.	N. W
27	SE	Calm	SW	SW	S	SE	19	33.8	47.7	20.6	121.1	4	Ci.	N.	8	Ci.-S.	N.
28	SW	Calm	W	SW	SSW	Calm	19.8	28.4	43.5	25.1	116.8	10	------------	Fr.-N. W	9	Ci.-S.	N.
29	Calm	Calm	SW	Calm	Calm	SW	12.1	30.4	30.4	26	98.9	10	------------	N.	10	------------	N. W
30	Calm	Calm	SW	S	S	S	12.4	34.1	40.2	47	133.7	10	------------	N. SW	10	------------	N.
31	S	SSE	S	S	S	S	67.3	75.6	74.5	49.7	267.1	10	Ci.-S.	N.	10	Ci.-S.	N.
Mean	------	------	------	------	------	------	14.4	32	48.2	19.5	114.3	8	------------	------------	7.8	------------	------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

AUGUST, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.17	56.36	57.08	56.02	56.24	57.62	56.58	26.6	26.5	31.4	31.2	29.1	25.1	28.3	34.2	24.4	84	88	67	70	74	87	78.3	------
2	57.18	57.16	57.91	55.94	56.86	58.56	57.27	24.5	23.6	31.2	31.7	29.5	26.6	27.8	33.5	23.3	90	95	61	69	75	87	79.5	------
3	57.67	57.73	57.95	56.17	56.97	58.49	57.50	25.1	25.2	31	31.4	27.2	25.7	27.6	34.1	24.4	91	91	72	67	87	97	84.2	3
4	57.12	57.18	57.41	55.55	56.87	58.50	57.10	25.3	25.1	31.5	31.5	25.4	25.6	27.4	33.9	24.8	96	95	66	70	90	92	84.8	5.4
5	57.17	57.20	57.69	57.27	57.23	58.98	57.59	25	25.4	30.5	25.4	25.1	24.7	26	32.2	23.8	96	96	78	96	98	98	93.7	98.9
6	58.19	58.34	58.63	56.80	57.43	59.39	58.13	24.4	24.1	28.7	31.3	24.5	24.2	26.2	32.7	23.8	98	99	83	71	92	97	90	1
7	58.68	58.73	59.30	57.50	57.68	59.02	58.48	24.8	24.2	30	27.5	27.2	25.1	26.5	33	23.7	93	97	67	92	90	97	89.3	16
8	58.02	58.09	58.22	55.95	56.37	58.36	57.50	24.3	23.8	30.4	31.8	29	26.5	27.6	34.2	23.6	97	98	77	74	84	93	87.2	1.8
9	57.02	56.29	56.97	55.97	56.61	58.78	56.94	25	24.9	31.1	27.6	27.4	25.6	26.9	33.5	24.4	94	94	73	94	96	95	91	9.7
10	57.35	57.52	58.28	56.63	57.93	60.35	58.01	24.8	25	31.1	30.6	26.8	26	27.4	33.4	24.4	95	95	76	78	93	94	88.5	1.5
11	58.95	58.93	58.89	57.29	58.02	59.97	58.68	24.7	24	28	31.4	28.8	25.5	27.1	33.4	23.7	96	97	77	72	80	95	86.2	.3
12	58.89	59.21	59.49	57.80	57.18	58.77	58.56	25.3	24.2	28	29.5	27.4	26.2	26.8	31.2	23.7	95	97	73	75	85	94	86.5	------
13	57.53	57.60	57.83	56.49	56.76	58.36	57.43	25.6	25.6	31.1	31.3	27.6	26.5	28	33.5	25.3	95	97	74	71	87	91	85.8	------
14	57.92	57.17	58.15	56.68	57.66	58.87	57.74	25.6	25.6	30.5	31.7	28	25.5	27.8	33.8	25.2	95	92	71	73	85	93	84.8	------
15	57.60	57.23	58.56	57.39	58.19	59.58	58.09	25.6	25.4	31.3	31.8	28.2	26	28	33.6	24.5	95	96	74	69	87	96	86.2	.3
16	58.44	58.63	59.35	56.82	58.05	59.15	58.41	25.3	24.9	27.6	29	28.1	26.7	26.9	29.9	24.6	95	97	89	80	88	94	90.5	.3
17	57.27	57.28	58.51	56.61	56.68	57.57	57.32	25.2	24.8	23.5	26.6	26.5	25.8	25.4	29.3	23.3	97	97	98	90	92	93	94.5	43.2
18	56.39	56.29	57.07	55.22	55.98	57.34	56.38	24.6	23.7	29.7	30.6	26.9	25	26.8	31.9	23.4	95	98	75	74	86	96	87.3	.3
19	55.77	55.80	56.51	55.73	56.20	56.92	56.16	24	23.7	29.7	26	26.8	25.7	26	32.7	23.2	97	98	77	94	90	94	91.7	------
20	55.97	55.94	56.75	55.51	56.36	57.37	56.32	25	25.4	31.3	26.7	27.2	25.6	26.9	32.5	24.9	96	92	70	94	87	93	88.7	6.4
21	56.29	56.49	57.07	56.09	57.04	58.39	56.90	24.2	24	31.3	30.5	26.5	25.4	27	33.6	23.9	97	97	68	72	95	95	87.3	17
22	57.47	57.16	57.90	56.51	56.88	58.19	57.35	24.8	24	29.9	31.2	26.6	25.1	26.9	32.3	23.8	95	98	80	75	84	94	87.7	------
23	57.40	56.81	57.67	56.33	56.81	58.48	57.25	24.4	24.4	28.9	31.4	28.1	26.1	27.2	32.7	23.8	97	97	75	68	85	94	86	------
24	57.59	57.39	57.96	56.70	57.18	59.29	57.68	25	24.5	29.7	26.1	26.1	24.8	26	32.5	24.5	94	97	80	93	94	97	92.5	23.9
25	58.25	58.29	59.02	56.65	57.78	60.10	58.35	24.6	24.2	30	31.7	25.7	25.6	27	33.2	24	96	95	71	71	95	94	87	.3
26	58.95	59.34	60.09	57.85	58.60	60.13	59.16	25.1	24.6	29.8	30.5	26.8	25.1	27	32.3	24.6	95	96	77	75	90	97	88.3	2.6
27	59.36	60.64	61.34	58.93	59.21	60.17	59.94	24.8	23.7	24.5	26.8	26.2	24.9	25.2	29.3	23.5	97	97	93	85	90	96	93	2
28	59.73	59.98	60.46	58.69	59.37	60.91	59.86	23.9	23.6	30.4	31	29.1	25.8	27.3	32.3	23.3	97	97	73	65	76	92	83.3	------
29	59.90	59.52	59.78	58.09	58.51	59.57	59.23	24.8	23.7	31	31.2	28.6	26	27.6	32.7	23.7	95	96	65	71	79	92	83	------
30	59.06	59.31	59.37	58.05	57.32	59.02	58.69	24.7	24	31.1	32	29	26.7	27.9	33.2	24	95	96	66	67	81	91	82.7	------
31	58.32	58.68	59	57.33	57.57	58.77	58.28	25.7	25	28.5	30.7	26.6	25	26.9	32.9	24.8	94	96	81	67	83	88	84.8	1
Mean	57.79	57.82	58.39	56.79	57.34	58.87	57.83	24.9	24.5	29.8	29.9	27.3	25.6	27	32.7	24.1	94.9	95.8	75.1	76.8	87	93.7	87.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	234.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	S	SW	S	Calm	57.6	69.2	49.6	16.1	192.5	6	Ci.	N.	8	Ci.-S.	N. SW
2	Calm	Calm	S	NW	SE	S	7.8	34	30.3	38	110.1	7	A.-Cu.	N.	7	Ci.	N.
3	Calm	S	SSE	N	S	Calm	10.2	39.4	37.3	15	101.9	8	Ci.-S.	N.	9	Ci.-S.	Fr.-N. S
4	Calm	S	SSE	NW	S	Calm	18.2	29	33.2	18.2	98.6	7	Ci.	Cu.	8	Ci.	Fr.-N. sw
5	Calm	S	S	NW	Calm	Calm	21.4	42.4	27.2	7.5	98.5	8	Ci.	N.	10	------------	N.
6	Calm	Calm	S	S	Calm	Calm	8.5	24.9	37.6	8.5	79.5	10	Ci.-S.	N.	9	Ci.-S.	Fr.-N. S
7	S	Calm	Calm	SW	Calm	Calm	22.8	23	28.7	13.9	88.4	4	Ci.	Cu.	10	------------	N. SW
8	SW	Calm	SW	SW	Calm	S	9.4	38.3	42.9	20.9	111.5	2	------------	Cu.	8	------------	N. SW
9	Calm	S	S	NE	Calm	Calm	16.6	48.3	22.3	17.5	104.7	4	Ci.	Cu.	10	------------	N. SW
10	S	SW	SW	Calm	S	SW	25.7	41.2	26.6	21.1	114.6	8	Ci.	Fr.-N. SW	9	------------	N. SW
11	Calm	Calm	Calm	SW	S	SE	9.2	27.6	34	22.7	93.5	10	Ci.-S.	N.	9	Ci.-S.	Fr.-N. sw
12	Calm	Calm	W	SW	Calm	Calm	24.3	54.2	32.7	10	121.2	10	Ci.-S.	N.	9	Ci.-S.	N.
13	SSE	S	S	N	S	S	26.4	58.1	30.9	23.8	139.2	7	A.-Cu.	N.	8	Ci.-S.	N. SW
14	S	S	S	NNW	SSE	Calm	40.4	47.2	49.6	15.3	152.5	3	Ci.	Cu.	8	Ci.-S.	N. SW
15	Calm	S	WSW	NNE	SE	Calm	24.3	36	40.2	5.9	106.4	3	Ci.	N.	7	Ci.	N.
16	Calm	Calm	Calm	W	Calm	Calm	5.3	8.3	18	5.1	36.7	10	------------	N.	10	Ci.-S.	N.
17	Calm	Calm	W	W	NW	W	5.3	22.2	38.3	22.7	88.5	10	------------	N.	10	Ci.-S.	N.
18	W	Calm	W	NW	W	Calm	14.7	22.2	47	12.4	96.3	9	Ci.-S.	N.	7	Ci.-S.	N.
19	W	Calm	NW	SE	Calm	S	11.6	26	31.9	24.7	94.2	6	Ci.	N.	10	------------	Fr.-N. S
20	S	S	SW	WNW	S	S	49.9	44.3	25.9	26.6	146.7	3	Ci.	N.	10	Ci.-S.	N. SW
21	Calm	Calm	SE	NW	Calm	Calm	5	53.4	35.2	7.4	101	4	Ci.	N.	9	Ci.-S.	N. SW
22	S	Calm	S	NNW	Calm	Calm	15.3	25.4	42.4	12.1	95.2	10	Ci.-S.	Fr.-N.	8	Ci.-S.	N.
23	Calm	Calm	SSE	NW	Calm	Calm	7.4	26.6	26	10	70	8	Ci.-S.	N.	8	Ci.-S.	Cu. SW
24	Calm	S	S	SSE	Calm	Calm	10.3	40.5	21.2	11.6	83.6	10	Ci.-S.	N.	10	Ci.-S.	N. S
25	Calm	SSE	SSW	S	Calm	Calm	15.8	24.4	45.4	8.7	94.3	8	Ci.	N.	8	Ci.-S.	Fr.-N. sw
26	Calm	Calm	S	N	Calm	SSE	11.1	31.6	37.5	16.3	96.5	9	Ci.-S.	N.	8	Ci.-S.	Fr.-N. S
27	S	S	Calm	NW	Calm	Calm	38.9	35.7	23.1	6.1	103.8	10	------------	N.	8	Ci.-S.	N.
28	Calm	Calm	SW	N	Calm	Calm	3.7	20.4	41.5	14.8	80.4	7	A.-Cu.	Cu.	1	------------	Cu.
29	Calm	Calm	NNW	NW	Calm	Calm	8.3	27.1	52.8	4.6	92.8	1	------------	Cu.	3	Ci.	Cu.
30	Calm	Calm	NW	NNW	Calm	Calm	8.2	23.5	41.6	2.6	70.9	7	Ci.	N.	8	Ci.-S.	N.
31	Calm	Calm	N	NNW	Calm	Calm	2.4	13.7	28.4	6.7	51.2	10	------------	Fr.-N. W	10	Ci.-S.	Fr.-N.
Mean	------	------	------	------	------	------	17.1	34.1	34.8	14.4	100.5	7.1	------------	------------	8.3	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	3,115.2	----	------------	------------	----	------------	------------

CAPIZ.

[φ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

SEPTEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.02	58.04	58.55	56.50	57.15	58.35	57.77	24.5	24.6	30.5	30.7	24.4	24.7	26.6	32.9	24	97	97	67	70	92	96	86.5	2.6
2	57.97	58.13	58.54	56.35	56.91	58.32	57.70	23.9	23.5	30.1	29.3	25.6	24.6	26.2	33.3	23.3	97	97	69	77	94	95	88.2	2.8
3	57.38	57.49	58.32	56.86	56.53	57.90	57.41	23.9	24	30.1	27.2	26.5	25.3	26.2	32.2	23.3	96	96	69	84	88	93	87.7	------
4	56.69	56.65	58.05	56.49	56.42	57.90	57.03	24.4	24	29.2	29.6	25.7	25	26.3	32.2	23.9	95	96	72	77	88	93	86.8	------
5	56.87	56.28	56.69	55.20	55.57	57.20	56.30	24.1	24	30.4	31.2	25.3	24.7	26.6	33.1	23.9	97	96	71	69	95	97	87.5	3.9
6	56.33	55.89	56.11	54.76	55.33	56.82	55.87	24.8	24	30.2	27.5	26.5	25.9	26.5	32.7	23.6	96	96	71	84	92	92	88.5	.3
7	55.49	55.58	56.11	54.41	55.36	56.24	55.53	24.7	24.6	29	29.8	26.4	25.1	26.6	31.5	24	94	92	78	75	87	92	86.3	1
8	55.45	55.54	55.12	53.14	54.36	55.52	54.86	24.8	24.6	29.2	32.3	26.6	25.6	27.2	33.4	24	94	95	78	64	84	91	84.3	3.1
9	54.95	54.98	56.20	54.77	56.15	57.95	55.83	24.8	24.9	30.5	32.5	25.8	25.4	27.3	34.2	24.6	95	95	72	66	93	93	85.7	9.7
10	56.20	56.44	57.42	56.45	56.53	58.08	56.85	24.7	24.9	30	26	25.8	25.2	26.1	32.5	24.3	97	96	78	96	93	98	93	35.6
11	56.54	55.84	56.95	55.54	56.05	56.64	56.26	24.2	23.8	30.3	31.6	28.3	24.8	27.2	33.3	23.3	97	97	74	69	80	92	84.8	------
12	56.62	56.73	57.04	56.27	56.22	57.65	56.76	24.8	24.6	29.9	27.2	25.2	24.1	26	33.6	23.9	93	97	76	90	95	97	91.3	3.8
13	56.44	57.05	58.10	55.96	56.44	57.92	56.98	23.8	23.7	30.2	31.4	28.8	25.6	27.2	32.9	23.3	97	98	75	68	84	93	85.8	1
14	57.48	57.78	58.60	57.12	57.70	59.20	57.98	25.4	24.7	29.7	30.9	28.3	26	27.5	32.6	24.7	94	98	74	74	83	96	86.5	25.9
15	57.92	58.28	58.48	57.07	58.11	59.61	58.24	25.1	24.2	28.2	28.6	27.1	25.4	26.4	30.3	24	95	98	83	81	89	95	90.2	------
16	58.82	58.94	59.96	58.42	58.83	59.90	59.14	24.5	24.1	30.2	30	28	26.4	27.2	31.9	23.6	96	98	77	78	84	93	87.7	11.2
17	58.88	58.98	59.81	58.01	58.14	59.74	58.93	24.8	24.5	29.7	31	28.7	27.1	27.6	32.3	24.4	95	98	75	73	81	94	86	5.9
18	58.50	58.59	60.77	57.28	58.41	59.60	58.86	26.3	25.5	24	26.9	26.2	25	25.6	28.8	22.9	96	98	96	85	90	96	93.5	26.7
19	58.37	58.46	59.20	56.91	57.80	59.37	58.35	24.4	23.8	29.8	30	28.3	26.2	27.1	31.8	23.6	97	98	79	77	85	94	88.3	------
20	58.19	58.28	59.44	57.10	57.05	58.99	58.18	25.3	25.1	28.3	28.9	28.1	25.6	26.9	30.3	24.3	95	96	86	83	91	96	91.2	.3
21	58.15	58.83	59.95	57.71	57.90	59.15	58.62	24.7	24.6	30.7	31.6	28.6	26.6	27.8	33	24.3	96	95	76	72	84	95	86.3	1
22	58.33	58.31	59.11	57.12	57.85	59.02	58.29	25.5	26.4	30.7	30.3	28.8	27	28.1	32.8	25.5	96	92	72	70	79	92	83.5	15.7
23	58.39	58.28	58.87	56.78	57.09	58.47	57.98	25	24.5	30.2	31.2	28.6	26.4	27.6	32.7	24.4	96	96	77	70	80	90	84.8	2.8
24	57.99	58.04	58.82	56.89	57.56	59.08	58.06	24.6	24.2	30.1	31.7	27.6	25.7	27.3	32.9	23.6	95	96	77	68	84	93	85.5	-----
25	58.45	58.64	59.25	58.62	58.32	59.52	58.80	23.5	24.1	30.1	24.8	25.4	24.6	25.4	32.8	22.9	97	96	71	92	93	96	90.8	37.6
26	59.38	59.72	59.31	57.85	58.31	60	59.10	24.5	24.4	29.5	29.6	26.2	24.9	26.5	32.7	24.1	96	97	75	78	90	96	88.7	------
27	59.47	59.46	59.72	57.63	59.17	60.18	59.27	23.7	23.8	29.8	31	26.9	24	26.5	32.4	23.2	97	97	77	70	81	91	85.5	3.8
28	59.66	59.86	60.05	57.92	59.02	59.42	59.32	24.3	24	26.2	29.6	27.4	25.3	26.1	31.4	23.7	95	97	91	76	88	94	90.2	2.3
29	59.22	59.05	60.02	57.89	58.85	60.13	59.19	24	23.9	27.7	30.5	28.3	25.8	26.7	32.2	23.3	96	96	83	72	83	94	87.3	13.7
30	59.07	59.11	60.19	58.06	58.95	60.11	59.25	25.2	24.2	30.3	31.6	28.2	27.5	27.8	33.2	23.9	96	97	71	60	77	86	81.2	1.5
Mean	57.71	57.78	58.49	56.70	57.27	58.60	57.76	24.6	24.4	29.5	29.8	27.1	25.5	26.8	32.4	23.9	95.8	96.4	76.3	75.6	86.9	93.8	87.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	212.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SW	N	S	Calm	2.6	29.2	42.3	8	82.1	8	A.-Cu. S	N.	9	Ci.-S.	Fr.-N. SW
2	Calm	Calm	SW	S	SE	SE	3.4	21.5	35.7	7	67.6	9	Ci.-S.	N.	9	Ci.-S.	N.
3	Calm	Calm	SE	Calm	Calm	Calm	4	25.5	30.3	12.9	72.7	8	Ci.-S. W	N.	9	Ci.-S.	N. W
4	Calm	Calm	NW	NNW	Calm	Calm	13.7	31.7	37.3	9.5	92.2	6	Ci.	N.	9	Ci.-S.	N. SW
5	Calm	Calm	NW	N	Calm	Calm	12.6	24.3	38	15.5	90.4	7	Ci.	N.	8	Ci.-S.	Fr.-N. SW
6	Calm	Calm	NW	Calm	Calm	SSE	12.1	30.8	22.5	18.3	83.7	4	Ci.	N.	9	Ci.-S.	N. SW
7	Calm	SSE	S	NW	SW	Calm	11.3	44.5	32.8	20.9	109.5	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
8	Calm	S	SSE	WSW	Calm	SSW	15	34.8	48.5	10.2	108.5	10	Ci.-S.	N. SW	9	Ci.-S.	Fr.-N. SW
9	Calm	S	SSW	NW	Calm	SSW	23.5	43.7	46.7	14.8	128.7	10	Ci.-S.	N. SW	9	Ci.-S.	N. SW
10	Calm	Calm	WSW	Calm	Calm	Calm	17.9	20.4	21.4	9.9	69.6	10	Ci.-S.	N. SW	10	------------	N. SW
11	Calm	SE	SW	NW	Calm	Calm	9.7	22.5	41.8	45.9	119.9	9	Ci.-S.	N.	8	Ci.-S.	N. SW
12	Calm	SW	S	NW	Calm	Calm	7.5	31.2	54.5	9.9	103.1	10	Ci.-S.	N. SW	10	------------	N. NW
13	Calm	Calm	NNE	NW	NW	Calm	5.1	27.1	37.6	24.7	94.5	7	Ci.	N. NW	7	A.-Cu.	Fr.-N. W
14	Calm	Calm	WNW	N	Calm	NE	19.9	29.5	52.9	15.1	117.4	10	Ci.-S.	N.	7	Ci.	Fr.-N. N
15	Calm	Calm	SW	NE	Calm	Calm	10.8	20.1	31.2	5.3	67.4	10	Ci.-S.	N.	10	Ci.-S.	N.
16	Calm	Calm	NE	NE	Calm	Calm	4.2	26.6	47.3	1.4	79.5	8	Ci.	N.	8	Ci.-S.	Fr.-N. NE
17	Calm	Calm	NE	NE	Calm	N	4	42.1	41.8	16.1	104	8	Ci.-S.	N. NE	4	------------	Fr.-Cu. NE
18	Calm	Calm	S	E	Calm	Calm	8.2	29.8	16.3	2.4	56.7	10	Ci.-S.	N. N	9	Ci.-S.	N.
19	Calm	Calm	NE	E	Calm	Calm	3.8	25.1	32.2	1.1	62.2	7	------------	Fr.-N. NE	8	Ci.	Fr.-N. E
20	Calm	Calm	NW	NE	Calm	Calm	6.1	13.5	15.3	4	38.9	9	Ci.-S.	N. E	9	Ci.-S.	N. NE
21	NE	Calm	NW	NE	Calm	Calm-	12.3	25.5	45.3	5	88.1	9	Ci.-S.	N.	7	Ci.	Fr.-Cu. NE
22	Calm	Calm	ENE	NE	NE	Calm	15.5	46.9	37	6.6	106	7	Ci.	Fr.-Cu. NE	7	Ci.-S.	Cu. NE
23	N	Calm	N	NE	Calm	Calm	22.5	25.1	40.7	4.2	92.5	5	Ci.	N.	7	Ci.	Cu. NE
24	Calm	Calm	NNW	NE	S	Calm	8.5	25.9	36.5	6.4	77.3	7	Ci.	Cu.-N. N	5	Ci.	N.
25	Calm	Calm	NE	SW	Calm	Calm	7.4	24.4	28.5	4.6	64.9	6	Ci.	Cu.	10	------------	N.
26	Calm	Calm	SW	NE	Calm	Calm	6.7	32.8	38	5.3	82.8	9	Ci.-S.	N.	9	Ci.-S.	N. NE
27	Calm	Calm	N	NE	SW	Calm	3	18	46.7	13.2	80.9	7	A.-Cu.	N. NW	4	Ci.	Cu.
28	Calm	Calm	NE	NE	Calm	Calm	2.9	14.3	35.1	11.1	63.4	10	------------	N.	8	A.-Cu.	Cu. SE
29	Calm	Calm	Calm	ENE	Calm	Calm	5.9	13.7	32.5	7	59.1	8	Ci.-S.	N. SE	7	Ci.	Cu. E
30	Calm	Calm	NE	NE	NE	NE	3.7	31.1	35.1	23.3	93.2	6	Ci.	Cu. E	6	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	9.5	27.7	36.7	11.3	85.2	8.1	------------	------------	8	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	2,556.8	----	------------	------------	----	------------	------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

OCTOBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.61	60.08	60.10	57.91	58.45	59.61	59.29	25.6	25.3	29.7	30.8	28.5	25	27.5	32.8	24.5	94	94	80	73	81	96	86.3	10.5
2	58.22	58.23	58.85	56	56.55	57.72	57.60	24.6	24.7	28.2	29.7	28.7	27.8	27.3	32.3	24.4	94	96	88	82	83	88	88.5	2.8
3	56.30	56.62	57.73	55.08	56.10	56.89	56.45	27.3	25.6	26	29.3	27.2	25.4	26.8	30.8	24.5	87	95	93	81	87	93	89.3	23.9
4	56.07	56.11	57.28	55.21	56.09	57.29	56.34	24.8	24.4	29	28.7	25.7	25.2	26.3	30.4	24.3	93	93	76	78	93	92	87.5	4.8
5	56.45	56.75	57.10	54.90	56.23	56.99	56.40	24	23.6	29.1	31	25.7	24.8	26.4	32.2	23.5	96	97	76	70	89	96	87.3	.3
6	56.24	55.94	56.26	54.14	55.30	56.47	55.72	24.6	23.9	29.8	31.1	24.6	24.7	26.4	32.8	23.5	96	97	78	71	95	96	88.8	18.3
7	55.44	55.30	56.07	54.32	54.94	56.22	55.38	24.6	24	29	28.7	25.5	25.3	26.2	31.4	23.7	96	97	78	82	93	95	90.2	------
8	55.52	55.64	57.05	55.36	55.28	56.61	55.91	24.7	24	29.5	25.6	25.2	24	25.5	30.7	23.9	96	97	76	93	93	93	91.3	9.6
9	56.24	56.19	57.58	55.48	55.87	58.07	56.57	24	23.3	26.3	28.2	24.9	24.8	25.2	30	23.3	96	97	87	76	85	89	88.3	------
10	57.44	57.61	58.67	56.86	58.05	59.81	58.07	23.6	23.3	30.8	30.6	27.5	24	26.6	32.6	23.2	95	96	67	71	88	96	85.5	3.8
11	59.52	59.81	60.72	58.39	60.02	61.17	59.94	24.2	24.2	30	31.4	28.4	25	27.2	32.9	23.5	96	96	75	70	84	93	85.7	10.9
12	60.02	60.22	60.40	58.07	58.51	59.32	59.42	24.8	24.2	30	30	27.9	26	27.2	32	23.5	93	97	78	75	86	93	87	6.1
13	58.19	58.14	58.82	56.73	57.05	57.60	57.76	25.9	25.1	25.3	25.4	25.2	24.6	25.2	27.7	23.8	94	96	94	97	95	97	95.5	49
14	57.41	57.49	58.05	56.42	57.29	58.72	57.56	24.2	23.3	29.2	27	25.4	24.5	25.6	31.7	23.2	97	97	77	86	93	96	91	2.5
15	57.63	57.79	58.21	57.07	58.23	59.50	58.07	23.7	23.4	29.5	30.3	26.3	24.8	26.3	32	23.3	97	98	72	73	90	97	87.8	1.8
16	58.72	58.78	59.02	57.22	58.56	59.84	58.69	24.6	24.3	28.6	30.7	25.4	24.2	26.3	32	23.8	97	97	84	77	88	95	89.7	------
17	58.71	58.79	59.29	56.97	57.57	58.72	58.34	23.7	23.4	30.5	31.3	28.1	26	27.2	32.4	23.2	95	97	72	70	84	92	85	31.7
18	58.24	58.68	58.97	56.76	56.70	58.37	57.95	24.8	24.5	29.5	31.1	28.4	27.8	27.7	32.7	24.2	93	96	78	68	83	88	84.3	------
19	57.67	57.82	58.92	56.94	57.47	59.30	58.02	26.9	24.9	29.9	31.3	28.2	27.6	28.1	32.4	24.5	91	92	75	71	84	83	82.7	------
20	58.40	58.42	59.65	56.90	57.50	58.80	58.28	27	25.8	30.5	30.7	29.2	27.3	28.4	32.7	25.7	84	90	72	73	78	92	81.5	.8
21	57.93	58.02	58.67	56.31	56.32	57.28	57.42	26.6	25.5	30.3	30.1?	27.8	27	27.9	32.3	25.2	94	96	76	71?	82	85	84	.5
22	56.18	56.80	57.32	55.05	55.98	55.62	56.16	27.3	27.5	28.6	28.5	25.5	26.2	27.3	30.8	24.7	85	84	84	78	89	90	85	12.5
23	53.66	52.91	53.92	51.73	52.15	53.07	52.91	25.2	24.2	24.1	24.1	24.3	24	24.3	26.8	23.6	93	94	91	96	93	94	93.5	26
24	52.46	52.21	53.32	52.06	53.05	54.47	52.93	24.8	26.2	30.3	28.6	26.9	26.4	27.2	32.4	23.8	93	86	72	78	86	86	83.5	1.5
25	53.59	53.76	54.22	52.72	53.65	55.57	53.92	25.7	25.1	30.3	32	27.9	25.9	27.8	33.4	24.6	90	92	70	63	80	90	80.8	------
26	55.28	55.52	56.70	54.82	55.87	57.39	55.93	25.5	24.6	30.2	30.1	28	25.5	27.3	32.8	24.3	92	95	74	71	82	93	84.5	------
27	56.65	56.93	57.88	55.25	56.12	57.02	56.64	24.8	24.1	29.8	31.9	28.6	26.6	27.6	32.9	23.6	95	96	69	69	73	83	80.8	1.5
28	56.18	56.28	56.29	54.11	54.62	55.07	55.42	26.4	24.5	27	29.4	27.2	25.2	26.6	30.5	24.2	83	95	85	70	77	88	83	.8
29	54.69	54.96	55.82	54.07	55.36	56.89	55.30	25.1	25	31.4	31.9	27	25.6	27.7	33.2	24.2	88	88	62	64	84	87	78.8	------
30	56.15	56.22	57.36	55.50	56.73	58.03	56.66	25.2	25.6	30.8	29.5	26.6	25.2	27.2	32.5	24.9	91	91	73	75	83	88	83.5	------
31	57.17	57.38	58.52	55.94	57.66	59.19	57.64	24.6	23.8	30	32.9	25.8	25.7	27.1	33.9	23.6	91	93	72	58	92	94	83.3	2
Mean	56.84	56.95	57.70	55.62	56.43	57.63	56.86	25.1	24.6	29.1	29.7	26.8	25.6	26.8	31.8	24	92.7	94.4	77.5	75.2	86.2	91.5	86.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	-----	-----	-----	-----	-----	-----	-----	221.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	NW	N	NE	Calm	SW	14.7	34.4	38.8	22.3	110.2	10	----------	N. N	8	Ci.-S.	Cu. NE
2	WSW	Calm	NW	NNW	NNE	N	22.3	35.9	44.5	45.7	148.4	10	Ci.-S.	N.	7	Ci.-S.	N.
3	W	WSW	WSW	WNW	WNW	Calm	26.4	47	55.3	17.7	146.4	10	----------	N. NW	9	Ci.-S.	Fr.-N. NW
4	W	S	SSE	N	SE	Calm	27.4	17.4	27.7	-----	------	10	Ci.-S.	Fr.-N.	10	Ci.-S.	N.
5	Calm	Calm	Calm	NW	Calm	Calm	-----	-----	-----	14.2	------	10	Ci.-S.	N.	8	Ci.	Cu. SW
6	Calm	Calm	SSE	NE	Calm	Calm	2.2	27.9	43.3	14.7	88.1	8	Ci.-S.	N.	7	Ci.	Cu. SW
7	Calm	Calm	NNE	NE	Calm	Calm	10.3	25.5	28	12.7	76.5	8	Ci.-S.	N. NW	9	Ci.-S.	Fr.-N. NE
8	Calm	SE	SW	W	Calm	Calm	12.6	32.2	24.6	13.9	83.3	9	A.-Cu.	N.	10	----------	N. W
9	S	Calm	S	S	S	SSE	18.7	67.9	65.8	35.2	187.6	8	Ci.	N.	10	Ci.-S.	N.
10	Calm	Calm	SSE	NE	Calm	SSE	12.4	24.3	25.9	19.9	82.5	8	Ci.-S.	N.	8	Ci.-S.	N. NE
11	Calm	Calm	N	N	SW	Calm	2.4	28	34.9	6.6	66.9	7	A.-Cu.	N.	7	Ci.-S.	Cu.
12	Calm	Calm	N	NE	Calm	Calm	11	27.2	30	7.2	75.4	9	Ci.	Fr.-N. N	10	Ci.-S.	Fr.-N. NE
13	Calm	SE	SW	WNW	Calm	Calm	31.2	23.8	13.7	3.2	71.9	10	----------	N. N	10	Ci.-S.	N. NW
14	Calm	Calm	SSE	SSW	Calm	Calm	2.1	26.9	31.2	11.8	72	7	Ci.	N. SE	10	Ci.-S.	N. SW
15	Calm	Calm	SSE	NE	WSW	Calm	7.7	32.2	38.4	10.3	88.6	8	Ci.-S.	N.	8	Ci.-S.	Fr.-N. SE
16	Calm	Calm	SSE	NNE	SE	Calm	2.4	16.4	37.5	3.7	60	8	Ci.-S.	N.	8	Ci.-S.	Fr.-N. NNE
17	Calm	Calm	N	NNE	Calm	Calm	1.6	23.1	38.1	3.7	66.5	6	Ci.	N.	2	----------	Cu.
18	N	Calm	N	NW	Calm	N	14	25.7	29.3	15.8	84.8	8	Ci.	Cu. NE	4	Ci.	Cu. NE
19	Calm	Calm	NE	N	NE	NE	15	44.6	52.3	20.6	132.5	6	Ci.	Fr.-N. NE	7	Ci.	Fr.-Cu. NE
20	NE	Calm	NE	NE	NE	Calm	17.2	48.6	53.3	16.4	135.5	6	Ci.	Fr.-Cu. NE	8	Ci.-S.	Fr.-N. NE
21	Calm	Calm	NE	NE	Calm	NE	4	25.4	37.3	21.2	87.9	8	Ci.-S.	N. NE	8	Ci.-S.	N. NE
22	NNW	N	WNW	WNW	WNW	WNW	36.2	38	38.9	83.7	196.8	10	Ci.-S.	N. N	10	Ci.-S.	N. NW
23	NW	WNW	SW	SW	SW	S	101.4	83.4	37	28.7	250.5	10	----------	N. WNW	10	----------	N. SW
24	S	S	S	S	S	S	58.5	117.2	78.9	66.3	320.9	8	Ci.-S.	N. S	9	Ci.-S.	N. S
25	S	S	S	S	S	SSW	51.5	86.6	72.6	38.4	249.1	8	Ci.-S.	N. S	8	Ci.	N. S
26	S	Calm	NW	N	Calm	Calm	20.6	37.6	31.2	10.7	100.1	3	Ci.	N.	9	Ci.-S.	N. SW
27	Calm	Calm	WNW	NW	NW	S	4.6	26.6	66	39.9	137.1	9	Ci.-S.	N.	9	Ci.-S.	N.
28	Calm	Calm	SW	W	W	S	28.2	41.2	70	17.4	156.8	10	Ci.-S.	N. W	9	Ci.-S.	N.
29	WSW	SW	SW	SW	SW	S	14	49.3	34.8	34.6	132.7	10	Ci.-S.	N. W	9	Ci.-S.	N. SW
30	S	S	S	S	S	Calm	41	54.7	86.7	22.7	205.1	10	Ci.-S.	N. SW	9	Ci.-S.	N. S
31	S	Calm	SSE	S	WSW	Calm	37	50.1	46.2	3.2	136.5	9	Ci.	N.	8	Ci.-S.	Cu.-N. S
Mean	------	------	------	------	------	------	21.6	40.5	43.7	22.1	129.3	8.4	----------	----------	8.3	----------	----------

CAPIZ.

[φ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, —1.81 mm.]

NOVEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.53	58.95	59.51	57.41	58.02	59.35	58.63	25	24.4	30	30	27.4	27	27.3	32.5	23.7	95	96	75	75	88	86	85.8	------
2	58.47	58.65	59.17	56.90	56.72	56.96	57.81	26.9	25.9	30	31	28.2	28	28.3	32.5	25.5	86	88	72	69	79	82	79.3	5.2
3	55.45	54.38	55.13	53.49	53.96	56.82	54.87	27	26.1	25	25.5	25	25.7	25.7	28.3	24.4	87	93	95	94	96	86	91.8	30.7
4	56.72	58.21	59.33	56.92	57.84	60.17	58.20	25.7	24.9	31.1	33.2	29	26.1	28.3	34.7	24.4	86	91	71	58	83	89	79.7	------
5	59.19	59.42	60.01	57.69	58.15	59.31	58.96	25.2	24.8	29.2	31.2	28	27.6	27.7	32.8	24.7	92	93	83	68	86	87	84.8	1.3
6	58.22	58.41	59.27	57.05	57.65	58.96	58.26	26.9	26.6	29.6	30.4	27.6	27.2	28	32	26.1	86	86	70	69	81	81	78.8	------
7	58.22	58.44	58.85	57.24	57.83	58.93	58.25	26.3	24.4	29.8	30.6	27.6	27	27.6	32	24.2	86	93	70	65	82	87	80.5	------
8	58.36	58.52	59.21	57.47	58.06	58.83	58.41	25.3	24.5	30.2	30.3	28	27.7	27.7	32.3	24.2	96	96	74	71	84	84	84.2	.3
9	58.32	58.97	59.09	56.52	57.61	57.72	58.04	26.6	25	30	31	28.4	28.4	28.2	32.8	24.7	89	96	75	69	82	83	82.3	14.8
10	56.63	56.46	57.59	56.29	56.29	57.76	56.84	27.4	26.1	25	23.8	24.2	24.3	25.1	28.7	23.6	85	92	94	94	96	96	92.8	56.4
11	57.36	57.61	58.77	56.68	58.30	59.59	58.05	24.2	24.1	29.7	31.7	24.4	24.3	26.4	32.9	23.9	96	97	74	67	94	96	87.3	12.7
12	58.29	58.66	59.61	57.36	58.81	60.45	58.86	24	24	30.2	27.4	26.5	25.3	26.2	31.6	23.7	97	97	74	88	92	94	90.3	22.3
13	59.62	59.97	60.66	58.17	58.91	60.27	59.60	23.8	23.6	28.8	30.2	27.5	26.5	26.7	31.8	23.2	97	98	76	71	84	90	86	.3
14	59.87	60.27	60.94	58.84	59.51	60.88	60.05	25.5	24.6	29.4	30.2	27.5	26.7	27.3	31.9	24.2	96	96	73	74	85	86	85	1.5
15	60.06	60.38	61.27	58.64	58.97	59.92	59.87	26.5	25	29.7	29.6	27.6	26.8	27.5	31.4	24.6	84	93	70	71	81	88	81.2	.8
16	59.08	59.27	60.10	57.80	58.37	59.42	59.01	26.5	26.1	29.5	30.5	27.2	27.3	27.8	31.8	26	88	87	75	70	83	85	81.3	------
17	58.22	58.50	59.49	57.49	57.74	59.53	58.49	26.5	25.1	30	29.6	26.7	26.1	27.3	32	24.5	88	92	71	75	88	87	83.5	5.9
18	59.17	59.74	61.16	59.16	59.58	61.25	60.01	24.8	25.5	27.7	27.7	25.4	25.8	26.2	31.4	24	91	86	79	70	92	81	83.2	9.2
19	59.97	60.01	61.24	59.31	59.82	60.86	60.20	25.7	25.6	28.8	28	26.1	26.3	26.8	30.3	25.2	82	83	72	77	89	82	80.8	3.6
20	59.80	59.84	61.30	58.86	58.73	59.92	59.74	25.6	25.4	29.5	29.5	27.3	27	27.4	31.3	24.7	85	85	75	73	83	83	80.7	1
21	58.67	58.92	59.65	57.57	58.23	58.87	58.65	25.6	26	29	29.9	26.6	25.6	27.1	31.3	25.2	90	84	75	73	87	91	83.3	6.6
22	58.74	57.89	59.02	57.26	57.63	58.98	58.25	25.8	25.9	28.8	28	27	26.4	27	31.2	24.6	88	85	77	81	80	82	82.2	3
23	58.02	58.22	58.47	56.40	57.03	58.29	57.74	25.7	25.8	28	27	26.1	25.7	26.4	31	25	86	87	77	88	91	94	87.2	6.9
24	57.47	57.31	58.07	55.91	56.55	57.27	57.10	25	24.2	28.2	29.5	27	25.5	26.6	31.2	23.9	96	97	80	76	86	93	88	3.3
25	56.73	57.04	57.52	55.05	56.13	57.01	56.58	25.4	24.7	28.7	29.7	27.4	25.8	27	31.4	24.2	93	98	80	73	86	93	87.2	------
26	55.93	56.10	56.96	54.97	56.22	57.19	56.28	24.7	24.2	28.5	28.5	27.5	25.5	26.5	31.3	23.9	94	97	85	85	88	96	90.8	20.7
27	56.95	57.51	57.92	55.50	56.11	57.50	56.92	24.4	24.4	29	30	27.6	26.9	27	31.6	24	97	97	83	78	87	93	89.2	.8
28	57.19	57.59	58.15	56.30	57.13	58.10	57.41	26	26.1	28.7	30.5	27.6	27.2	27.7	31.8	25.9	94	91	79	72	87	90	85.5	.8
29	57.83	58.02	58.95	57.10	58.07	59.47	58.24	25.8	25	28.6	29.5	27.5	26	27.1	31	24.5	92	96	78	74	85	94	86.5	10.2
30	58.29	58.58	59.45	57.49	58.69	59.71	58.70	25.4	25.2	29	29.1	26.2	27	27	31.3	24.6	96	97	80	81	90	86	88.3	4.6
Mean	58.18	58.39	59.20	57.09	57.76	58.98	58.27	25.6	25.1	29	29.4	27	26.4	27.1	31.6	24.5	90.6	92.2	77.1	75	86.5	88.2	84.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	222.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NE	ENE	Calm	NE	1	27.2	31.2	13.9	73.3	7	Ci.-S.	N.	8	Ci.-S.	N.
2	NE	Calm	NE	NE	NNW	NNW	36	36.7	46.7	48.3	167.7	4	Ci.	Cu. NE	8	Ci.-S.	Fr.-Cu. NE
3	NW	WNW	SSW	W	Calm	S	86.4	80.7	30.3	63.1	260.5	10	------------	N. NW	10	------------	N.
4	S	S	S	S	E	Calm	49.1	66.6	35.9	6.7	158.3	8	Ci.-S.	N.	7	Ci.	Fr.-Cu. S
5	Calm	Calm	N	N	Calm	Calm	5.8	25.7	30.3	14	75.8	3	------------	Cu.-N. NE	3	Ci.	Cu.
6	N	N	NE	N	Calm	NE	39.6	50.9	30.8	13.5	134.8	3	------------	Cu. NE	7	Ci.	Cu. NE
7	NE	Calm	NE	NE	Calm	NE	10.7	27.7	38.3	5.9	82.6	4	Ci.	Cu. NE	2	------------	Cu.
8	Calm	Calm	NE	NE	Calm	NE	8.2	28	41	17.7	89.9	4	------------	N. NE	3	Ci.	Cu.
9	Calm	Calm	NNW	NW	NE	NNW	8.3	29.2	49.9	48.3	135.7	8	Ci.	Fr.-N. NE	4	Ci.	Cu. NW
10	NE	W	SW	WSW	Calm	Calm	46.5	48.3	16.3	18	129.1	10	------------	N. NW	10	------------	N. SW
11	SSW	Calm	S	S	Calm	Calm	25.2	39.6	36.2	5.6	106.6	9	------------	Fr.-N. S	8	Ci.-S.	Fr.-N. S
12	Calm	Calm	NE	N	Calm	Calm	7.4	31.2	24.6	10	73.2	3	Ci.	Cu.	8	Ci.-S.	N.
13	Calm	Calm	ENE	NE	Calm	Calm	6.1	22	40.2	2.7	71	7	A.-Cu.	N. NE	3	Ci.	Cu.
14	NE	Calm	NE	NE	Calm	ENE	9.1	41.8	38.9	31.1	120.9	6	Ci.	Fr.-Cu. NE	6	------------	Cu. NE
15	ENE	Calm	NE	NE	NE	NE	25.4	47.3	40.2	34.8	147.7	3	Ci.	Cu. NE	8	------------	Fr.-N. NE
16	NE	NE	NE	N	Calm	NE	35.7	56.6	36	29.6	157.9	8	Ci.-S.	Fr.-N. NE	3	------------	Fr.-Cu. NE
17	NE	Calm	NE	NNE	N	NE	14.8	45.6	64.2	81.8	206.4	7	Ci.	N. NE	8	Ci.-S.	Fr.-N. N
18	NE	NE	NE	NE	Calm	ENE	73.2	74.5	46.4	45.7	239.8	9	Ci.-S.	N. NE	9	Ci.-S.	N. NE
19	NE	NE	NE	NE	NE	NE	47.8	59	46.1	44.5	197.4	7	Ci.	Fr.-N. NE	9	Ci.-S.	Fr.-N. NE
20	NE	NE	NE	NE	NE	NE	32	53.9	39.1	53.9	178.9	4	------------	Fr.-N. NE	7	Ci.	Fr.-N. NE
21	NE	NE	NE	NE	NE	NE	44.3	58.7	42.1	21.9	167	7	------------	Fr.-N. NE	9	Ci.-S.	N. NE
22	NE	NE	NE	NE	NE	NE	38.4	66.8	55.5	35.2	195.9	7	Ci.	N. NE	9	Ci.-S.	N. NE
23	NE	NE	NE	N	Calm	Calm	41.2	67.6	34.4	7.8	151	8	Ci.	Fr.-N. NE	9	------------	N. NE
24	Calm	Calm	NE	NE	Calm	Calm	5.3	19.3	34.6	2.2	61.4	8	Ci.	Fr.-N. NE	3	Ci.	Cu. NE
25	Calm	Calm	NNW	NE	Calm	Calm	8	24.1	32	1.9	66	9	Ci.-S.	Fr.-N. N	6	Ci.	Fr.-Cu. NE
26	Calm	Calm	NNE	NE	Calm	SW	1.6	19.8	35.6	12.3	69.3	8	Ci.-S.	N. E	7	Ci.	Fr.-N. NE
27	Calm	Calm	NE	NE	Calm	Calm	2.2	25.7	40.2	5.8	73.9	6	Ci.	Fr.-N. NE	7	Ci.	Fr.-Cu. NE
28	NE	NE	NE	NE	Calm	NE	25.5	50.2	50.7	7.7	134.1	8	Ci.	Fr.-N. NE	2	------------	Cu.
29	Calm	Calm	N	NE	Calm	Calm	2.7	26.2	29.3	8.3	66.5	8	Ci.-S.	N. NE	8	Ci.-S.	Cu. NE
30	NE	Calm	NE	NE	NE	NE	9.5	35.6	67.9	49.7	162.7	10	------------	N. NE	7	Ci.	Cu.-N. NE
Mean	------	------	------	------	------	------	24.7	42.9	39.5	24.7	131.8	6.8	------------	------------	6.6	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	3,955.3	----	------------	------------	----	------------	------------

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.6 meters; gravity correction not applied, −1.81 mm.]

DECEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	58.68	58.87	59.82	57.56	58.74	59.77	58.91	26.3	26.2	29.7	28.5	25.2	26.7	27.1	31	25.2	88	87	76	85	95	86	86.2	6
2	58.72	59.12	59.75	57.67	58.31	59.37	58.82	26.2	26	28	28	26.5	26.5	26.9	29.9	25.2	88	88	79	78	84	84	83.5	.3
3	58.22	58.32	59.33	57.52	57.91	59.09	58.40	26	25.9	28	27	26.5	26.5	26.6	29.8	25.5	85	85	77	87	93	84	85.2	1.4
4	57.92	57.93	59.40	57.94	58.32	59.36	58.48	25.7	25.8	27.1	27.5	26.4	25.7	26.4	29.6	25.1	88	85	80	77	74	86	81.7	2.3
5	57.35	57.40	58.44	56.19	56.57	57.35	57.22	25.7	26	27	27.5	26.5	26.5	26.5	28.8	25.4	86	76	75	73	73	74	76.2	------
6	55.87	55.20	56.12	53.45	52.46	53.25	54.39	26.3	26.1	26.5	23.5	23.4	23.7	24.9	27.6	23	72	73	73	90	92	95	82.5	39.8
7	51.67	52.09	52.99	51.63	52.83	54.59	52.63	23.5	22.6	27.5	29.5	27.1	26.6	26.1	30.6	22.3	95	94	73	64	73	83	80.3	.3
8	54.04	55.19	56.06	54.80	56.02	57.84	55.66	26	25.3	28.6	31.6	27.2	25.5	27.4	33.3	24.9	85	89	73	63	82	92	80.7	------
9	56.97	57.24	58	56.12	57.14	58.09	57.26	24.5	23.7	29	28.4	26.6	25	26.2	31.8	23.5	94	96	75	78	87	93	87.2	.5
10	57.59	58.21	58.44	57.05	57.75	58.24	57.88	24.5	24.5	27.5	28.5	27.3	25.8	26.4	30.4	24.2	96	96	89	78	84	93	89.3	19.1
11	57.34	57.43	58.19	56.36	57.36	58.22	57.48	24.2	23.5	27.6	29	26.7	24.4	25.9	30.8	23.4	97	98	84	83	85	95	90.3	------
12	57.51	57.89	58.73	56.09	57.04	58.35	57.60	23.7	23.2	27.7	30.4	25.3	24.5	25.8	31.8	22.9	96	98	80	66	93	95	88	.3
13	57.30	57.55	58.32	55.75	56.68	58.27	57.31	23.4	23	28.9	29.7	26	24.7	26	32	22.8	95	97	71	71	91	87	85.3	2.3
14	57.53	57.79	58.41	56.30	57.27	58.52	57.64	24.2	23.6	28.1	29.9	27	25.5	26.4	31.7	23.5	91	98	77	72	88	93	86.5	------
15	57.87	58.26	58.85	57.04	57.77	58.97	58.13	24.2	23.5	28.8	30	27.2	25.5	26.5	31.4	23.2	97	97	79	69	86	93	86.8	.3
16	58.37	58.74	59.64	57.50	58.17	59.48	58.65	24.3	24.2	28.2	29.8	27.4	27.3	26.9	31.6	23.9	97	97	82	74	84	88	87	2.3
17	58.47	58.88	60	57.52	58.15	59.16	58.70	25	24.5	28.8	29.9	26.8	26.1	26.8	31.2	24	93	96	76	73	88	93	86.5	------
18	58.95	59.34	60.26	58.18	58.44	59.57	59.12	24.7	24	29	27.2	27.2	26.6	26.4	30.5	23.8	94	96	76	87	86	87	87.7	8.5
19	58.92	59.13	60.43	58.16	59.04	60.25	59.32	25.5	25.5	27.7	28	26.4	26	26.5	30.9	25.2	93	92	81	81	88	89	87.3	1.8
20	59.96	60.10	61.50	59.27	60.08	61.31	60.37	25.9	25.9	28.3	29.5	26	25.5	26.8	31.2	24.7	87	85	80	75	94	92	85.5	16
21	60.08	60.11	61.67	59.35	59.19	60.40	60.13	25.6	25.3	27.3	28	26.5	25.8	26.4	29.8	25.2	92	93	86	82	88	87	88	2.1
22	59.22	59.34	60.33	58.49	59.10	59.92	59.40	25.2	25.5	26.8	26.3	25	25.1	25.6	28.8	24.5	90	89	83	84	95	95	89.3	29.1
23	59.31	59.79	61.32	59.24	59.49	60.84	60	24.3	24.4	24.8	24.8	25.1	24.1	24.6	27.4	23.7	93	92	93	98	90	92	93	6.9
24	59.48	59.39	60.92	58.75	59.43	59.62	59.60	23.6	24.2	24.9	25.5	24.9	25	24.7	27.8	23.3	98	94	95	93	96	90	94.3	8.3
25	58.96	59.19	60.17	58.19	58.79	59.38	59.11	25	25.5	26.2	27	26	25.9	25.9	29.4	24.7	95	92	92	88	92	93	92	12.3
26	58.70	58.93	60.08	57.83	58.53	59.15	58.87	26	25.9	26.7	27.2	26	25.9	26.3	29.3	25.4	92	97	90	87	93	95	92.3	5.2
27	57.78	58.03	58.40	56.02	57.38	57.32	57.49	25.7	25.6	28.3	27.9	27.2	26.2	26.8	30.8	24.8	94	93	85	85	90	96	90.5	1.5
28	56.79	57.18	57.87	55.63	57.11	57.67	57.04	25.6	25.3	28.3	28.9	27	26.7	27	30.6	24.9	97	98	84	82	88	92	90.2	------
29	56.99	57.38	58.31	55.90	57.71	58.99	57.55	25.2	25.4	28.5	30.5	27.5	25.6	27.1	32	24.9	98	96	80	75	89	95	88.8	1
30	58.13	58.50	59.90	57.65	58.78	59.61	58.76	25	25.9	28.7	29.8	27.5	26.7	27.3	31.5	24.8	96	96	84	78	88	94	89.3	.3
31	58.89	59.19	60.17	57.62	58.57	58.92	58.89	26.4	25.9	28.1	28.1	26.9	26.8	27	30.4	25.4	94	88	79	79	85	89	85.7	------
Mean	57.86	58.12	59.09	56.99	57.75	58.74	58.09	25.1	24.9	27.8	28.3	26.4	25.8	26.4	30.4	24.3	92.1	92	80.9	79.2	87.5	90.3	87	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	167.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NNE	NE	Calm	NE	32.8	63.6	42	43.8	182.2	10	Ci.-S.	N. NE	8	Ci.-S.	N. NE
2	NE	NE	NE	NE	NNE	NE	42.3	57.9	57.9	65.2	223.3	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N. NNE
3	NE	NE	NE	NE	NE	NE	56.3	64.7	58.2	46.2	225.4	9	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N. NE
4	NE	NE	NNE	NE	N	NNE	53.3	79.1	69.2	58.7	260.3	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N. NE
5	N	N	N	NW	NW	NW	64.4	85.6	86.1	110.2	346.3	10	------------	N. N	10	Ci.-S.	Fr.-N. NW
6	NW	WNW	WNW	WSW	W	WSW	117.7	126.5	108.6	78.3	431.1	10	------------	N. WNW	10	------------	N. WSW
7	WSW	SW	S	S	S	S	60.2	56	67.6	84.2	268	10	------------	N.	9	Ci.-S.	N. S
8	S	S	S	S	Calm	Calm	82.4	52.8	58.9	13.7	207.8	10	------------	N.	8	Ci.-S.	Fr.-N. S
9	Calm	Calm	N	NE	Calm	Calm	6.9	19	23.1	2.7	51.7	3	Ci.	N.	4	Ci.	Cu.-N. S
10	Calm	Calm	NW	NE	N	Calm	3.5	16.9	31.9	23	75.3	8	Ci.-S.	N. NE	8	Ci.-S.	N. NE
11	NE	Calm	N	NNW	Calm	Calm	12.4	20.4	37.2	4	74	10	------------	Fr.-N.	8	Ci.	Fr.-Cu. N
12	Calm	Calm	Calm	N	SE	Calm	3.5	17.2	44.5	16.9	82.1	4	Ci.	N.	3	Ci.	Cu. N
13	Calm	Calm	S	NW	Calm	Calm	5.9	25.4	32.7	18.2	82.2	3	Ci.	Cu.	4	Ci.	Cu.
14	Calm	Calm	NW	NE	Calm	Calm	7	16.6	34.3	3.2	61.1	8	Ci.-S.	N. N	7	Ci.	Cu. NE
15	Calm	Calm	ESE	N	Calm	Calm	2.9	20.4	35.1	2.4	60.8	4	Ci.	N.	3	Ci.	Cu. SE
16	Calm	Calm	NE	NE	Calm	NE	4.3	26.2	39.2	18.2	87.9	8	Ci.	Fr.-N. NE	6	A.-Cu.	Cu. NE
17	Calm	Calm	NE	NE	Calm	Calm	2.1	38.9	37.3	6.9	85.2	7	Ci.-Cu.	Fr.-Cu. NE	7	Ci.	Fr.-Cu. NE
18	NE	Calm	NE	NE	NE	NE	9.9	32	46.7	67.9	156.5	8	Ci.-S.	N.	10	Ci.-S.	Fr.-N. NE
19	NE	NE	NE	NE	NE	NE	68.1	65.7	93.5	65.8	293.1	10	------------	N. NE	9	Ci.-S.	N. NE
20	NE	NE	NE	NE	NE	NE	57.7	74.2	73.5	43.3	248.7	9	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Fr.-N. NE
21	NE	NE	N	N	NE	N	38.1	48.8	83.9	46.7	217.5	9	Ci.-S.	N. NE	8	Ci.-S.	N. N
22	NE	NNE	NE	NE	NE	NE	53.6	60.4	62.3	59.2	235.5	9	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N. NE
23	NE	NNE	NE	NE	NE	NE	93.3	77.5	68.1	86.4	325.3	10	------------	N. NE	10	Ci.-S.	Fr.-N. NE
24	NE	NE	NE	NE	NE	N	59.3	70.3	73.8	72.4	275.8	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
25	NE	NE	NE	NNE	NE	N	45.4	45.3	38.9	54.7	184.3	9	Ci.-S.	Fr.-N. NE	10	------------	N. NE
26	NE	NE	NE	NE	NE	W	57.6	37	39.9	28.7	163.2	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
27	N	N	N	N	NNE	NE	22.5	67	49.9	21.9	161.3	10	A.-Cu.	Fr.-N. NE	10	Ci.-S.	N. NE
28	NE	Calm	NE	NE	NE	NE	11	29	42.8	13.5	96.3	9	Ci.-S.	N. NE	8	Ci.-S.	Cu. NE
29	Calm	E	E	ENE	Calm	Calm	13.9	40.8	37.3	3.5	95.5	3	------------	Cu. E	3	Ci.	Cu. E
80	Calm	NE	N	NE	Calm	Calm	7.4	34.4	34	8.2	84	8	Ci.	N. NE	7	Ci.	Fr.-N. NE
31	NE	NE	NE	N	NE	N	22.5	37	36	40.2	135.7	9	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
Mean	------	------	------	------	------	------	36.1	48.6	53	39	176.7	8.3	------------	------------	8	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	5,477.4	----	------------	------------	----	------------	------------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

JANUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.32	61.18	61.46	58.98	60.06	60.84	60.47	20.9	20.1	29.8	31	27.2	24.9	25.6	33.4	19.9	95	96	60	58	75	91	79.2	1
2	60.38	61.02	61.35	59.49	60.60	61.07	60.65	23.7	23.1	29.5	28.6	26.1	24.3	25.9	32.7	22.5	96	97	69	78	81	87	84.7	1.3
3	60.21	60.78	61.56	59.91	61.65	61.91	61	23.3	22.7	29.9	26.2	24.2	23.8	25	31	22.4	90	91	67	89	94	95	87.7	16.7
4	60.78	61.96	62.10	60.49	61.81	62.23	61.56	23.6	22.9	28.2	28.1	25	23.9	25.3	30.6	22.8	95	96	74	77	89	94	87.5	.5
5	60.81	62.05	62.16	59.98	60.87	61.86	61.29	23.6	22.5	29.2	27.9	26.7	25.1	25.8	31.2	22.4	95	96	73	84	85	92	87.5	1
6	60.86	61.81	62.50	59.88	60.49	61.26	61.13	24.1	23.9	26.2	28.3	26.1	24.5	25.5	29.1	22.9	95	96	90	79	82	92	89	11.7
7	60.34	60.91	61.56	59.09	60.20	60.99	60.52	22	21.2	28.7	29.3	26.7	23.9	25.3	30.1	20.9	96	96	73	69	80	94	84.7	------
8	59.88	60.89	61.51	59.12	60.55	61.51	60.58	22.8	21.5	27.5	31.4	26.2	24	25.6	32.3	21.4	96	96	70	65	76	91	82.3	------
9	60.22	61.01	61.89	59.61	61.14	62.16	61	22.9	21.9	28.8	29	25.2	24	25.3	31.6	21.7	95	96	73	74	88	88	85.7	2.3
10	60.91	61.77	62.86	60.66	61.70	62.67	61.76	23.7	24.5	28.4	29.5	26	24.2	26	31.4	23.5	90	84	72	69	84	91	81.7	------
11	61.26	62.76	63.36	61.05	61.90	62.86	62.20	22.9	21.6	31	28.6	26.3	22.9	25.6	31.5	21.5	96	96	61	73	76	93	82.5	------
12	61.79	62.33	62.84	60.41	62.27	63.16	62.13	20.7	18.5	28.7	31.5	25.6	21.8	24.5	31.9	18.4	95	96	57	47	76	93	77.3	------
13	62.07	62.89	63.27	61.84	62.70	63.46	62.70	21.9	21.6	29.2	28.6	25.6	23.6	25.1	30.9	20.6	94	96	61	72	76	88	81.2	.5
14	62.53	62.84	63.74	61.71	62.37	63.10	62.72	22	22.5	28	29.7	24.6	23.7	25.1	31.2	21.6	91	89	77	57	82	87	80.5	------
15	62.32	63.25	64.03	61.96	62.75	63.67	63	23.4	22.8	27.5	28.5	24.8	22.9	25	81.2	22.7	90	91	67	62	73	85	78	------
16	63.03	63.51	64.85	62.69	63.44	64.18	63.62	21.9	21.7	25.6	27.6	25	24.3	24.4	31.6	20.7	85	86	73	69	83	87	80.5	------
17	63.43	63.91	64.49	62.15	63.20	63.74	63.49	23.7	22.9	29.7	29.7	24.6	23.6	25.7	31.9	22.7	90	90	62	58	86	90	79.3	2
18	63.26	63.90	64.32	62.50	63.26	63.20	63.41	22.7	22.8	27.2	28.8	24.3	23.7	24.9	31.2	22.3	96	96	74	62	89	92	84.8	3.3
19	61.85	62.51	62.76	60.36	61.22	62.22	61.82	23.2	23.1	29	28.2	26.7	23.8	25.7	32.1	22.6	95	96	73	81	79	93	86.2	------
20	61.26	61.41	61.43	58.90	60.24	61.47	60.78	22.2	21.4	29.1	28.2	26.2	24.8	25.3	31.1	21.3	95	97	68	76	82	89	84.5	.5
21	60.43	61.26	61.92	60.31	61.12	62.12	61.19	23.5	23.4	27	25.7	25.2	23.8	24.8	29.7	23	96	96	88	92	93	95	93.3	8.5
22	61.01	62.08	63.01	60.29	61.64	62.71	61.79	22.8	21.9	28.8	28.7	26.1	22.3	25.1	29.8	21.3	97	97	73	75	87	94	87.2	1.5
23	61.51	62.05	62.45	60.34	60.91	62.01	61.54	20.7	19.8	29.4	28.7	26.1	21.6	24.4	31.3	19.5	95	96	66	73	80	93	83.8	------
24	61.43	61.65	62.26	59.59	60.72	62.41	61.34	19.7	18.8	28.5	28.5	26.5	23.9	24.3	32.4	18.6	96	97	64	68	71	89	80.8	------
25	61.78	62.48	63.34	61.13	61.65	62.72	62.18	22.2	21.5	27.2	29.2	26.2	21.8	24.7	29.8	19.7	95	95	72	60	75	91	81.3	------
26	62.25	62.58	63.17	60.84	61.64	62.28	62.13	19	17.6	27.1	28.2	25.7	24	23.6	29.7	17.4	95	96	65	69	81	91	82.8	------
27	61.28	61.77	62.42	60.04	60.61	61.74	61.31	23.8	22.5	27.5	29.2	27.2	23.7	25.6	30.3	22.4	91	93	70	63	70	92	79.8	------
28	60.53	60.80	61.80	60.02	60.89	61.85	60.98	22.3	22.7	27.1	27.4	25	22.4	24.5	29	21.7	96	96	76	83	87	93	88.5	2
29	61.12	61.93	62.90	60.68	61	61.97	61.60	21.3	20	28.8	32.6	26.5	22.6	25.3	33.2	19.9	96	95	62	44	71	93	76.8	------
30	61.28	61.64	62.11	60.36	61.24	62.70	61.56	20.5	19.5	27.3	29	26	24.2	24.4	31.4	19.4	95	95	72	69	82	92	84.2	------
31	61.77	62.08	62.65	60.79	61.41	62.15	61.81	22.9	22.4	29.5	29.1	26.9	23.5	25.7	32.2	22.3	94	94	60	70	72	94	80.7	------
Mean	61.35	62.03	62.65	60.49	61.46	62.33	61.72	22.4	21.7	28.4	28.9	25.8	23.6	25.1	31.2	21.3	94.1	94.4	69.7	69.8	80.8	91.3	83.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	52.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	ENE	ENE	NNE	Calm	26.4	55.2	47.7	21.5	150.8	0	------------	Cu.	5	------------	Cu. ENE
2	Calm	Calm	NE	S	Calm	NNE	14.5	46.4	47	42.3	150.2	8	Ci.-S.	S.-Cu. NE	7	------------	Cu. NE
3	Calm	NNE	NE	NE	N	Calm	29.5	65	42.1	19.3	155.9	4	Ci. E	S.-Cu.	10	Ci.-S.	N. NE
4	NE	Calm	NE	NE	N	Calm	26.9	56.5	67.1	24.1	174.6	10	A.-Cu. E	S.-Cu.	9	Ci.-S.	S.-Cu. NE
5	Calm	Calm	NE	S	Calm	Calm	15.1	39.9	46.4	21.7	123.1	3	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N.
6	Calm	NNE	Calm	SSE	Calm	Calm	18.7	25.2	34.1	15	93	7	Ci.-S.	S.-Cu. E	8	Ci.-S.	S.-Cu. E
7	Calm	Calm	NE	S	Calm	N	23.8	37.8	42.4	24.6	128.6	0	------------	------------	0	------------	Cu.
8	Calm	Calm	S	SW	N	Calm	18	39.7	56.3	23.1	137.1	0	------------	------------	2	------------	Cu. NE
9	Calm	Calm	NE	NE	NE	Calm	12.6	62.8	70.6	32.4	178.4	2	------------	S.-Cu. NE	8	Ci.-S.	S.-Cu. ENE
10	NNE	ENE	NE	NE	NE	Calm	39.4	77.9	77.2	24.1	218.6	9	Ci.-S.	S.-Cu. E	7	Ci.-S.	S.-Cu. E
11	Calm	NNW	NE	S	Calm	Calm	27.2	48.6	61.7	28.2	165.7	0	Ci.	------------	4	Ci.	Cu. NNW
12	N	Calm	N	ENE	NE	Calm	27.2	40.4	60.7	24.7	153	0	Ci.	------------	3	------------	Cu. E
13	N	Calm	NE	NE	NE	NNE	25.1	55.2	69.8	29.8	179.9	5	------------	S.-Cu. NE	7	------------	S.-Cu. NE
14	Calm	N	NE	N	N	NNE	29.2	95.8	99.3	50.7	275	1	------------	S.-Cu.	5	------------	S.-Cu. N
15	NNE	NE	N	NE	NE	N	77	84.2	104.6	34.4	300.2	1	------------	S.-Cu.	5	------------	S.-cf. NNE
16	Calm	Calm	NE	NE	NE	NNE	29.8	53.6	74.3	46.1	203.8	0	Ci.	S.-Cu.	8	Ci.-S.	S.-Cu. NE
17	NE	NNE	NE	NE	Calm	Calm	38.6	84.7	92.7	35.4	251.4	2	Ci.	S.-Cu.	5	Ci.-S. ESE	Cu. ENE
18	Calm	Calm	NE	NE	NE	NNE	25.9	64.2	72.6	30.3	193	8	------------	S.-Cu. ENE	9	Ci.-S.	S.-Cu. ENE
19	Calm	Calm	NE	S	NNE	Calm	11.5	51.7	61	22.5	146.7	9	Ci.-S.	S.-Cu. ENE	5	------------	Cu. ENE
20	Calm	Calm	NE	SW	Calm	Calm	15.5	37.3	61.2	14.5	128.5	0	------------	S.-Cu.	7	Ci.-S.	S.-cf. ENE
21	Calm	Calm	N	S	Calm	Calm	11.5	25.1	34.3	14.5	85.4	9	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	N. ENE
22	Calm	Calm	S	S	Calm	Calm	15.1	41.5	42.1	20.6	119.3	4	Ci.	S.-Cu.	4	------------	Cu. ENE
23	Calm	N	NE	S	Calm	Calm	28.7	35.2	59.8	18.8	142.5	3	Ci.	S.-Cu.	5	------------	Cu. ENE
24	Calm	N	NE	S	N	Calm	23.9	39.2	47.7	20.7	130.7	0	------------	S.-Cu.	6	------------	Cu. ENE
25	Calm	Calm	S	S	Calm	Calm	19	36	53.7	20.4	129.1	0	------------	S.-Cu.	6	------------	Cu. ENE
26	Calm	N	S	S	Calm	Calm	30.4	41.6	54.4	16.6	143	0	------------	------------	7	------------	S.-cf. E
27	Calm	Calm	S	S	Calm	Calm	11.1	41.5	57.3	21.9	131.8	4	------------	S.-Cu. E	1	------------	Cu.
28	Calm	Calm	S	SW	Calm	Calm	23.8	26.8	38.3	19.3	108.2	9	Ci.-S.	S.-Cu. E	8	------------	Cu.-N.
29	N	Calm	NE	SE	Calm	Calm	25.4	46.4	56.1	26.8	154.7	0	------------	------------	5	Ci.	Cu. ENE
30	N	Calm	S	S	N	NNE	26.6	34.4	60.2	47	168.2	0	------------	------------	4	------------	Cu. ENE
31	N	Calm	ENE	S	Calm	N	28.7	54.4	50.9	31.9	165.9	2	------------	S.-Cu.	2	------------	Cu. ENE
Mean	------	------	------	------	------	------	25	49.8	59.5	26.6	160.8	3.2	------------	------------	5.7	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,986.3	----	------------	------------	----	------------	------------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

FEBRUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.42	62.68	63.26	60.99	61.54	62.45	62.06	21.6	20.7	30.3	29.4	27.7	23.4	25.5	34.4	20.5	96	95	52	67	68	93	78.5	------
2	61.33	62.25	62.34	60.45	60.23	61.08	61.28	20.7	19.5	27.8	28.6	27.2	23	24.5	30.3	19.4	95	95	70	69	71	94	82.3	------
3	59.89	60.78	61.84	59.59	60.30	61.05	60.58	19.8	18.1	26.3	29	26.5	22.9	23.8	29.7	17.9	95	96	68	55	75	94	80.5	------
4	60.23	61.02	61.61	59.24	60.13	61.52	60.62	20.8	19.7	28.5	29.6	26.8	23.7	24.8	30.6	19.5	95	96	67	63	72	92	80.8	------
5	60.56	61.61	62.34	60.01	61.01	61.82	61.22	22	19.9	29.6	28.1	24.7	23.9	24.7	31.6	19.8	96	96	61	70	90	94	84.5	2.8
6	60.73	61.39	62.04	59.82	60.17	61.49	60.94	22.9	22	27.1	26.7	24.8	20.6	24	28.9	19.8	96	96	78	85	92	94	90.2	2.5
7	60.72	61.27	62.21	59.84	60.87	62.13	61.17	19	18.8	28.2	28.6	25.9	20.7	23.5	31.3	18.6	96	97	66	70	67	94	81.7	------
8	61.36	62.08	62.76	60.49	60.70	62.16	61.59	19.7	18.3	27.3	29	27.9	22.8	24.2	30.7	18.2	95	96	72	68	72	95	83	------
9	61.48	62.07	63	60.54	61.08	61.68	61.64	20.5	19.7	27.4	30	26.8	22.7	24.5	31	19.5	96	96	72	65	74	94	82.8	------
10	60.38	61.32	62.14	59.89	60.24	60.83	60.80	21	20.4	27.5	27.1	26.3	23.7	24.3	29.5	20.2	95	96	73	80	85	92	86.8	7.4
11	59.64	60.14	60.67	58.74	59.72	61.11	60	22.1	20.7	27.4	30.2	26	22.7	24.8	30.6	20.6	95	97	76	70	85	92	85.8	.8
12	60.28	60.38	60.89	58.90	59.56	60.99	60.17	21.4	21.2	29	32.4	27.3	24	25.9	33.7	20.8	95	96	67	50	63	85	76	------
13	60.20	60.78	62.03	59.71	60.08	61.23	60.67	22.6	20.7	30	33.6	26.8	23	26.1	34.5	20.5	96	96	52	37	62	81	70.7	------
14	60.24	60.86	62.45	60.49	61.34	62.71	61.35	21	20.7	29.7	30.5	27.9	25.2	25.8	34.1	20	91	91	57	45	61	78	70.5	------
15	61.85	62.90	63.42	61.48	62.19	63.06	62.48	24.6	22.7	30.6	31	27.2	23.7	26.6	33.3	22.4	82	90	52	49	59	81	68.8	------
16	62.20	62.64	63.10	60.54	61.26	62.66	62.07	22.2	22.3	30.6	33.5	27.6	23.8	26.7	34.5	20.7	94	94	56	35	58	78	69.2	------
17	61.50	62.48	63.23	60.89	60.63	61.88	61.77	21	18.5	29.2	30.5	26	22.4	24.6	32.7	18.4	94	94	55	55	66	89	75.5	------
18	61.27	61.74	63.14	60.59	61.19	62.88	61.80	19.8	19.3	27.4	30.8	27.1	21.6	24.3	32.6	18.9	94	94	68	59	65	93	78.8	------
19	62.06	62.65	63.77	61.29	61.62	62.76	62.36	19.9	18.9	26.8	28.6	26.4	22.7	23.9	31.3	18.7	94	95	74	68	69	92	82	.5
20	61.46	62.28	63.02	60.64	61.29	62.78	61.91	19.4	18.3	29	29	26.8	21.7	24	30.6	18.2	94	96	62	58	66	92	78	------
21	62.19	62.42	63.09	60.81	61.11	62.52	62.02	18.9	18	30.1	29.2	27.1	21.7	24.2	32.3	17.7	94	95	60	66	58	92	77.5	------
22	61.48	62.84	63.21	60.73	61.32	62.50	62.01	19.9	21.7	27.5	28.6	27.1	25	25	30.6	19.5	94	96	70	69	74	85	81.3	------
23	61.48	62.39	63.35	61.39	61.31	62.65	62.10	21.1	19.7	27.7	27.8	26.2	23.1	24.3	29.9	19.6	95	96	71	67	72	90	81.8	5.1
24	61.48	62.52	63.06	60.42	61.20	62.65	61.89	23	22	30.4	32.6	27.6	24.7	26.7	34.8	21.8	90	95	52	45	62	79	70.5	------
25	61.62	62.66	63.20	60.65	60.92	62.56	61.94	22.7	23.1	31.1	31	26	23.8	26.3	34.1	22.2	91	89	52	66	82	90	78.3	4.3
26	61.28	62.17	63.10	60.64	60.93	62.41	61.76	21	20.7	29.8	29.2	27.8	24.2	25.4	32.2	20.6	95	95	56	68	66	88	78	------
27	60.76	61.36	62.33	60.11	60.58	61.85	61.16	23.7	22	29	28.4	24.5	23.8	25.2	31.4	21.9	91	94	63	72	89	91	83.3	5.1
28	61.23	61.72	62.91	60.45	60.84	62.26	61.57	23.6	21.8	26.6	28.1	26	23.5	24.9	30.3	21.7	93	96	76	72	75	92	84	------
Mean	61.03	61.84	62.63	60.33	60.83	62.06	61.46	21.3	20.3	28.6	29.7	26.6	23.1	24.9	31.8	19.9	93.8	94.9	64.2	62.2	71.4	89.4	79.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	28.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	S	N	Calm	32.2	45.1	48.1	18.3	143.7	0	------------	------------	3	------------	Cu. ENE
2	Calm	N	SE	SSW	Calm	Calm	15.3	46.4	56.9	21.4	140	0	------------	Cu.	3	------------	Cu. NE
3	Calm	N	S	S	N	Calm	28.4	39.2	54.5	24.4	146.5	0	------------	------------	1	------------	Cu.
4	Calm	N	S	S	N	Calm	26.8	47.7	52.9	27.9	155.3	0	------------	Cu.	0	------------	Cu.
5	Calm	N	N	W	N	Calm	25.2	48	33.8	21.1	128.1	0	------------	Cu.	9	Ci.-S.	S.-Cu. E
6	Calm	Calm	S	Calm	Calm	Calm	24.9	24.4	29.5	23.8	102.6	5	------------	S.-Cu. NE	9	Ci.-S.	S.-Cu. E
7	N	Calm	SSE	SSW	Calm	N	25.9	42.8	48.1	24.3	141.1	0	------------	------------	3	------------	Cu. ENE
8	Calm	N	S	S	Calm	Calm	25.9	45.3	44.5	11.5	127.2	3	Ci.	------------	3	------------	Cu. ENE
9	Calm	Calm	S	S	Calm	N	21.7	39.9	44.9	24.4	130.9	0	------------	S.-Cu.	5	------------	Cu. ENE
10	Calm	N	S	S	Calm	Calm	29	39.9	35.4	17.7	122	0	Ci.	Cu.	8	Ci.-S.	N. E
11	Calm	Calm	S	S	Calm	Calm	23.8	30.9	45.1	21.2	121	0	------------	S.-Cu.	5	------------	Cu. ENE
12	Calm	Calm	S	E	E	Calm	24.6	38	49.4	29.3	141.3	0	------------	S.-Cu.	4	------------	Cu. E
13	Calm	Calm	ENE	ENE	NE	N	22.3	56.9	80.5	29.2	188.9	0	------------	S.-Cu.	3	------------	Cu. E
14	Calm	N	E	E	E	NE	21.2	75.3	82.4	34.8	213.7	0	------------	Cu.	7	------------	S.-cf. SE
15	NE	Calm	E	E	ENE	Calm	28.4	64.7	76.7	30	199.8	4	------------	S.-Cu. E	3	------------	Cu. E
16	Calm	Calm	NE	ENE	NE	Calm	21.4	52.8	61.8	34.1	170.1	9	------------	N. E	5	------------	Cu. ESE
17	N	N	S	S	Calm	Calm	27.1	47.2	56.1	21.5	151.9	0	------------	------------	4	------------	Cu. E
18	Calm	Calm	Calm	SW	Calm	Calm	15.8	35.2	52.8	22.5	126.3	0	------------	S.-Cu.	4	------------	Cu. E
19	N	Calm	S	SW	NW	Calm	25.1	33.6	57.3	21.9	137.9	0	------------	Cu.	9	------------	S.-Cu. E
20	N	Calm	S	S	Calm	Calm	25.4	47	58.2	35.9	166.5	0	Ci.	Cu.	3	------------	Cu. E
21	Calm	Calm	S	SSW	NNE	Calm	23	46.4	59.2	19.9	148.5	0	Ci.	------------	3	------------	Cu. E
22	N	NE	S	SSW	Calm	N	22.2	42.8	47.2	24.3	136.5	9	------------	N. E	8	------------	S.-Cu. ENE
23	Calm	Calm	S	NNW	N	N	12.7	44.9	32	32.4	122	0	------------	Cu.	9	Ci.-S.	S.-Cu. ENE
24	Calm	Calm	NE	NE	NE	NE	16.4	51.3	94.4	26.2	188.3	8	------------	S.-Cu. E	4	------------	Cu. E
25	NE	Calm	ENE	SW	NW	Calm	24.4	50.7	50.5	22	147.6	8	------------	S.-Cu. ENE	7	------------	Cu. ENE
26	Calm	Calm	NE	SSW	NE	Calm	18.5	46.2	63.6	27.6	155.9	3	Ci.	S.-Cu.	6	Ci.	Cu. ENE
27	Calm	Calm	NE	SSW	N	Calm	9.1	45.3	58.2	20.6	133.2	8	------------	S.-Cu. ENE	8	Ci.-S.	S.-Cu.
28	Calm	Calm	S	NNW	NNW	Calm	17.4	43.3	48.5	16.3	125.5	9	Ci.-S.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
Mean	-----	-----	-----	-----	-----	-----	22.6	45.4	54.4	24.4	146.9	2.4	------------	------------	5.2	------------	------------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4,112.3	----	------------	------------	----	------------	------------

CALBAYOG.

[φ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.80 mm.]

MARCH, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.88	61.64	63.03	60.74	60.85	62.88	61.67	21.2	19.8	29.4	31.8	27.1	23.1	25.4	34.1	19.7	95	96	56	44	62	89	73.7	------
2	61.61	62.59	65.01	61.93	61.81	63.36	62.72	21.2	21.6	24	28.6	26.5	22.5	24.1	29.7	21	95	93	87	66	76	94	85.2	1.8
3	62.12	62.47	63.54	61.68	62.16	63.47	62.57	20.9	20.6	29.9	30	24.9	24.2	25.1	31.7	20.3	95	96	63	70	89	93	84.3	5
4	62.33	63.27	64.54	62.64	62.70	64.10	63.26	23	21.6	28.4	29.2	26.3	23.3	25.3	32.2	21.5	95	96	68	69	83	93	84	1.8
5	62.83	63.42	64.07	61.79	62.28	63.65	63.01	21	20.5	27.6	28.8	26.5	23.4	24.6	31.3	20.2	95	96	77	73	76	94	85.2	------
6	62.34	62.84	63.57	60.94	61.16	62.59	62.24	20.8	20.1	28.7	28.7	28.6	24.3	25.2	32.7	20	96	96	69	75	65	89	81.7	------
7	61.78	62.17	63.24	61.25	61.55	63.36	62.22	22.4	23.2	28.9	29.4	26.7	24.7	25.9	29.9	22.3	95	91	71	72	82	88	83.2	1.3
8	61.86	62.72	63.09	61.43	62.26	64.30	62.61	24.2	22.7	30.4	31.7	28.2	24.8	27	34.8	22.6	91	96	61	66	66	85	77.5	------
9	62.60	63.24	64	61.65	62.44	63.79	62.95	22.8	21.7	28	30.4	26.7	25	25.8	30.8	21.6	92	94	73	63	74	85	80.2	1.3
10	62.47	63.21	64.24	61.78	62.29	63.60	62.93	23.8	23	29.1	29.5	27.2	24	26.1	31.9	22.4	93	96	71	72	87	94	85.5	.5
11	62.66	63.24	63.83	61.07	61.28	62.67	62.46	21.3	20.3	29.6	30.1	27.1	23.9	25.4	32.5	20.2	95	95	68	67	75	91	81.8	------
12	61.34	61.63	62.49	59.84	59.69	61.39	61.06	21	21.4	29	29.5	28	25.1	25.7	31	20.7	96	95	71	71	80	91	84	------
13	60.37	61.47	62.76	60.48	60.64	62.06	61.30	22	20.7	29.5	30.4	27.6	24.2	25.7	32.6	20.4	95	95	64	68	71	92	80.8	------
14	61.03	62.01	63.04	60.38	60.95	62.76	61.70	22.1	20.3	30	30.1	29	24.2	26	31.7	20.2	95	95	67	68	63	93	80.2	------
15	61.51	62.33	63.13	60.98	61.46	62.61	62	21.6	20	29	28.6	27.9	24.8	25.3	30.9	19.9	96	95	68	70	69	88	81	------
16	61.50	61.99	62.65	60.64	60.67	61.77	61.54	22.4	20.5	30	27.1	25.7	23.8	24.9	31.6	20.4	94	95	64	80	86	93	85.3	.6
17	61.02	61.68	62.79	60.42	60.55	61.90	61.39	22.4	22	29.2	29.4	28.5	24.8	26	31.9	21.3	95	96	70	70	67	90	81.3	------
18	60.86	62.14	63.14	61.18	62.01	63.50	62.14	22.9	21.7	30.5	30.5	26.9	24.8	26.2	32	21.6	95	96	59	63	79	92	80.7	1.5
19	62.28	63.11	64.04	61.73	62.35	64.18	62.95	23.7	23.4	28.7	32.2	26.7	23.7	26.4	33.2	23.1	95	96	69	53	70	87	78.3	------
20	62.50	63.28	63.63	60.95	61.20	62.77	62.39	23.8	21.7	30.7	29.2	27.7	24.8	26.3	34.3	21.6	86	90	51	66	64	80	72.8	------
21	60.98	61.96	62.28	60.48	60.85	62.57	61.52	21.6	21	28.8	29.7	28.4	24.8	25.7	31.6	20.7	93	94	68	69	66	87	79.5	------
22	61.06	61.61	61.99	60.29	60.66	62.70	61.38	22	21	31.4	29.5	28.1	24.3	26	32.7	20.9	93	94	57	68	65	87	77.3	------
23	61.31	62.28	62.65	60.14	60.94	62.71	61.67	21.4	20.2	28.2	29.9	26.3	24.2	25	33	20	95	94	73	69	88	90	84.8	2
24	61.88	63.12	63.31	60.64	61.45	62.62	62.17	22.4	21.2	28.5	32.7	28.2	24.2	26.2	33.8	21	95	95	73	58	72	91	80.7	------
25	61.33	62.53	62.73	59.70	60.16	61.41	61.31	22.6	21.3	29.5	33.5	27.8	23.9	26.4	34	21.2	93	96	71	58	70	92	80	------
26	59.92	60.73	61.85	59.48	60.18	62.14	60.72	21.9	20.9	32.1	31.7	28.2	24.7	26.6	34.6	20.8	95	94	49	63	64	87	75.3	------
27	60.71	61.42	62.59	60.47	61.18	62.64	61.50	22.7	20.8	28.4	30.7	27	24.9	25.8	33.2	20.7	94	94	72	55	68	81	77.3	------
28	60.88	61.98	62.77	60.09	61.09	62.62	61.57	24.6	24.5	31.5	34	27.8	25.9	28	35.6	24.3	82	82	51	42	69	80	67.7	------
29	61.49	61.91	63.05	61.42	61.71	63.05	62.10	25.2	24.9	28	25.8	25.2	24.7	25.6	32.8	23.8	85	86	73	92	92	92	86.7	5.4
30	61.46	61.80	62.89	60.94	61.93	62.76	61.96	23.7	23.5	32	28.6	24.6	24.2	26.1	33.3	23.2	96	97	62	79	94	95	87.2	23.9
31	61.28	61.31	62.40	59.94	60.55	62.16	61.27	23.7	23.4	27.4	29.9	27.8	24.6	26.1	31.2	22.9	95	96	81	70	82	93	86.2	------
Mean	61.55	62.29	63.17	60.87	61.32	62.84	62.01	22.5	21.6	29.2	30	27.2	24.3	25.8	32.5	21.3	93.5	94.2	67	66.7	74.6	89.5	80.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	45.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	NE	19	57.9	77.7	25.1	179.7	0	------	S.-Cu.	6	------	Cu. NE
2	N	NNE	NE	SE	N	N	29.6	33.2	42.3	18.2	123.3	7	------	S.-Cu. NE	9	Ci.-S.	S.-Cu. ESE
3	N	NNW	NE	S	N	NE	16.6	43.1	32.7	15.1	107.5	0	Ci.	Cu.	7	------	Cu. ESE
4	NE	N	S	SSW	N	N	18.8	30.8	31.6	17.4	98.6	0	------	S.-Cu.	8	------	S.-Cu. ESE
5	N	N	S	S	N	Calm	12.6	49.6	61.7	27.2	151.1	0	------	Cu.	5	Ci.	Cu. ESE
6	N	N	S	SSW	N	NE	28.8	51.5	56.3	23.1	159.7	0	------	Cu.	3	------	Cu.
7	N	NE	S	SE	SE	Calm	17.7	27.9	52.9	16.1	114.6	9	------	S.-Cu. E	8	------	N. E
8	NE	N	NE	SW	N	NE	17.4	47.8	54.5	30.8	150.5	2	------	S.-Cu.	4	------	Cu. NE
9	NE	NNE	S	SSW	NE	NE	30.9	52.8	63.4	18.5	165.6	3	------	S.-Cu. ENE	7	------	Cu. E
10	NE	NNE	S	NE	NE	NNE	19.3	33.8	44.1	19.6	116.8	8	------	S.-Cu. ENE	6	------	Cu. E
11	N	N	N	SE	NE	N	25.9	46.5	61.8	19.6	153.8	0	------	------	7	------	S.-cf. E
12	N	N	S	SW	S	SE	21.2	41	85.5	44.3	192	3	Ci.	S.-Cu.	5	Ci.	Cu. ESE
13	N	N	S	SSW	NW	NE	22.3	39.6	55.7	17.7	135.3	0	Ci.	------	3	Ci.	Cu.
14	N	N	S	SSW	NE	NE	25.7	46.9	56.5	16.7	145.8	0	Ci.	S.-Cu.	1	------	Cu.
15	N	N	S	W	NE	NNE	27.6	55.3	36	27.7	146.6	0	------	------	8	------	S.-Cu. ESE
16	N	N	S	E	NE	N	17.7	44.1	36.5	19.8	118.1	0	------	S.-Cu.	9	------	N. E
17	N	N	S	S	NE	N	19.3	51.5	50.4	26.8	148	5	Ci.	S.-Cu. ENE	5	------	Cu. E
18	N	N	NE	SW	NNE	N	28	56.3	67.1	35.6	187	5	------	S.-Cu. NNE	8	------	S.-Cu. NE
19	Calm	Calm	N	N	N	Calm	6.4	33.3	70.2	13.5	123.4	8	Ci.-S.	S.-Cu. NE	7	Ci.-S.	Cu. N
20	NE	N	N	S	N	NNE	18.7	52.6	57.7	26.4	155.4	2	Ci.	S.-Cu.	3	Ci.	Cu. NE
21	NNE	N	S	S	N	NE	20.1	55.3	62.2	37.3	174.9	4	------	S.-Cu.	5	------	Cu. NE
22	N	Calm	S	SSW	NE	Calm	11.3	59.3	57.9	22.7	151.2	0	------	Cu.	4	------	Cu. E
23	N	N	S	S	NNW	NE	24.6	59.2	78.4	24.4	186.6	0	------	------	1	------	Cu.
24	N	N	S	SW	NE	NE	13.5	58.7	74.6	28	174.8	0	------	S.-Cu.	1	------	Cu.
25	NNE	N	S	SW	NE	N	15.6	52	74.8	35.6	178	0	Ci.	S.-Cu.	2	------	Cu.
26	N	N	NE	SW	N	N	25.2	44.6	70	34.8	174.6	0	Ci.	Cu.	3	------	Cu.
27	Calm	N	S	NE	NE	NE	14	49.6	77.4	34.4	175.4	0	Ci.	------	7	------	Cu. E
28	NE	NE	NE	ENE	NE	NE	61.2	106.5	85.9	41	294.6	3	------	S.-Cu. E	2	------	Cu. E
29	NE	Calm	NE	SSE	N	NE	17.1	45.6	47.3	17.2	127.2	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	N. ENE
30	NE	N	ESE	S	NE	Calm	20.1	46.7	53.6	11.3	131.7	6	------	S.-Cu. E	8	Ci.-S.	Cu.-N. ENE
31	N	N	S	SSW	NW	N	12.3	26.2	52	18.5	109	6	------	S.-Cu. E	6	A.-Cu. SSE	Cu.
Mean	------	------	------	------	------	------	21.2	48.4	59	24.7	153.3	2.6	------	------	5.4	------	------
Total	------	------	------	------	------	------	------	------	------	------	4,750.8	------	------	------	------	------	------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

APRIL, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.68	61.14	61.74	59.05	59.15	61.10	60.48	22.2	21.5	28.7	29.6	29.4	25.8	26.2	32.1	21.4	96	96	75	72	76	87	83.7	13.2
2	59.82	60.48	61.68	59.34	59.58	61.21	60.35	23.8	22.7	28.9	29.7	28.9	26.2	26.7	32.3	22.6	95	96	75	73	74	89	83.7	------
3	59.95	60.88	62.09	60.04	60.25	61.61	60.80	23.4	22.3	28.9	29.9	28.9	27.1	26.8	31.3	22.2	95	96	73	70	73	83	81.7	------
4	60.59	61.55	62.33	59.99	60.24	62.21	61.15	25.7	23.7	30.5	31.2	29.9	26.8	28	32.8	23.5	84	92	66	66	69	86	77.2	------
5	61.45	62.41	62.98	60.24	61	62.69	61.80	24.1	22.3	30.5	30.2	30.2	24.7	27	32.4	22.2	91	91	61	64	58	91	76	------
6	61.58	63.02	63.73	60.89	61.33	62.75	62.22	22	20.7	29.8	30	29.2	24.2	26	30.9	20.6	95	95	63	62	66	90	78.5	------
7	61.10	62.04	63.24	60.93	61.14	62.64	61.85	21.3	20.5	29	30.5	29.8	24.7	26	31.7	20.3	92	92	66	65	63	87	77.5	------
8	61.36	62.16	62.88	60.20	60.89	62.55	61.67	22.1	21.8	32.5	30.9	29.2	25.4	27	34.2	21.5	94	95	55	69	68	85	77.7	.3
9	61.32	61.82	62.49	60.38	61.34	62.49	61.64	23.9	24.5	29.4	29.2	28.8	24.8	26.8	34.1	23.5	93	92	72	71	70	92	81.7	------
10	61.30	61.86	62.59	60.04	60.90	62.70	61.56	24.2	23.5	30	31.1	28.8	24.1	27	32.6	22.7	94	94	73	71	59	88	79.8	1
11	60.95	61.02	61.59	59.15	60.10	61.96	60.80	21.8	20.8	32	33.2	29.2	25.6	27.1	34.9	20.5	96	96	53	52	64	85	74.3	------
12	60.67	61.18	61.85	60.06	60.68	62.65	61.18	23.9	22.7	28.3	30.6	28.1	24.9	26.4	31.1	22.6	92	93	78	72	82	92	84.8	33.3
13	61.27	61.75	62.70	60.69	61.38	62.97	61.79	23.7	23.8	29.1	33.1	28.8	24.2	27.1	35.1	23.2	96	95	78	50	65	93	79.5	------
14	61.10	61.36	62.46	60.46	60.63	61.97	61.33	22.5	22.6	28.8	29.4	27.6	24.5	25.9	31.3	21.9	96	95	72	71	80	93	84.5	------
15	60.38	60.97	61.53	59.02	59.69	61.07	60.44	22.5	21.5	31.3	30.8	26.2	24.6	26.2	32.9	21.2	96	95	59	67	88	94	83.2	1.5
16	60.12	60.43	60.92	58.63	59.04	60.62	59.96	22.7	21.6	30.6	32.2	26.7	25.2	26.5	33.3	21.4	96	96	65	63	82	92	82.3	------
17	59.47	59.33	59.79	57.50	57.76	59.64	58.92	23	21.8	29.6	29.7	29.6	24.6	26.4	31.8	21.7	96	96	69	68	69	95	82.2	50
18	58.68	59.23	60.20	58.02	58.40	60.39	59.15	23.2	22.6	29.2	30.9	28.1	25.4	26.6	34	22.4	96	97	73	69	79	90	84	------
19	59.91	60.32	60.73	58.75	59.88	61.09	60.11	22.8	22.3	28.6	33.2	28.4	25.7	26.8	34.2	21.9	95	96	71	61	67	83	78.8	------
20	60	60.98	61.45	59.74	59.96	61.54	60.61	23.7	22.7	29.4	28.9	28.5	24.5	26.3	32.6	22.4	92	96	72	78	70	93	83.5	------
21	60.46	61.07	61.24	58.70	59.51	60.95	60.32	23.8	23.9	30.5	29.9	28.1	25.1	26.9	33.8	22.9	95	94	62	62	70	89	78.7	------
22	59.83	60.72	61.07	59.30	59.85	61.39	60.36	23.6	23.5	32	29.4	28.6	24.9	27	33.2	23.3	95	95	56	80	70	89	80.8	5.8
23	60.11	60.52	61.05	59.19	60.49	62.05	60.57	24.4	24.5	32	34	28.2	25.8	28.2	35.1	23.4	90	90	57	48	72	85	73.7	------
24	60.65	60.93	61.29	59.09	59.66	61.35	60.50	23.6	23	32	34.9	28.9	25.2	27.9	35.8	22.5	93	94	50	44	65	88	72.3	------
25	60.34	60.58	60.83	59.06	59.10	60.42	60.06	23.8	22.7	32	26.7	27.9	24.6	26.3	32.4	22.3	93	94	58	88	73	92	83	13.2
26	59.41	59.93	60.49	58.33	58.98	60.50	59.61	23	22.7	30.5	31.6	28.8	25.3	27	33.2	22.5	94	95	62	66	67	88	78.7	------
27	59.22	59.37	59.54	58.59	58.66	60.15	59.26	23.9	22.9	30.3	27	27.1	24.7	26	31.8	22.6	95	97	66	84	87	92	86.8	15.8
28	58.97	59.32	60.18	58.13	59.54	60.89	59.50	23	22.5	32	33.6	28.1	25.8	27.5	34.7	22.2	96	96	58	64	77	88	79.8	------
29	59.75	59.86	59.85	57.25	58.19	60.31	59.20	23.9	23.2	29.2	32.5	29	26.1	27.3	33.8	22.8	95	96	72	68	69	85	80.8	------
30	59.16	59.25	60.01	58.61	58.68	60.14	59.31	23	22.7	28.2	26.9	27.4	25.6	25.6	30.1	22.3	95	96	79	90	87	88	89.2	1.8
Mean	60.32	60.85	61.48	59.31	59.87	61.47	60.55	23.3	22.6	30.1	30.7	28.5	25.2	26.8	33	22.2	94	94.7	66.3	67.6	72	89.1	80.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	135.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	N	N	S	SSW	ESE	E	24.7	52.1	49.6	17.7	144.1	1	------------	S.-Cu.	1	------------	Cu.
2	NE	N	S	SSW	NNW	ENE	19	31.1	33	20.6	103.7	1	------------	S.-Cu.	1	------------	Cu.
3	NE	N	S	S	NNW	E	20.3	50.9	49.6	27.7	148.5	0	------------	S.-Cu.	0	------------	Cu.
4	E	NE	S	S	SE	SE	23	55	66.8	36	180.8	1	------------	S.-Cu.	0	------------	Cu.
5	E	NNE	S	SSW	NW	NE	23	54.4	55.8	16.9	150.1	0	------------	S.-Cu.	0	------------	Cu.
6	N	N	S	S	E	NE	28.7	49.7	36.8	38.4	153.6	0	------------	Cu.	1	------------	Cu.
7	N	N	S	S	NW	NE	33.3	57.4	48.6	21.5	160.8	0	Ci.	------------	1	------------	Cu.
8	N	N	NE	S	E	E	17.2	47.3	68.1	24.4	157	1	------------	S.-Cu.	5	------------	Cu. NE
9	N	NE	S	N	E	NE	25.7	43.1	62.8	19.6	151.2	3	------------	S.-Cu.	6	------------	Cu. E
10	NE	NNE	E	S	NE	NNE	22.5	45.6	56.8	34.6	159.5	5	------------	S.-Cu. E	8	------------	Cu. E
11	N	N	NE	SW	NW	NNE	26.2	45.1	45.3	25.5	142.1	0	Ci.	------------	1	------------	Cu.
12	NNE	N	S	NW	Calm	N	17.9	43.3	42	22.5	125.7	1	------------	S.-Cu.	7	------------	Cu.-N. E
13	N	NNE	SE	E	E	N	24.1	44.5	69.4	23.5	161.5	4	------------	S.-Cu. E	5	Ci.	Cu. E
14	N	N	S	SSW	NNW	N	20.9	41.2	39.7	14.7	116.5	0	------------	Cu.	8	------------	Cu.-N. E
15	N	NNW	NE	S	N	N	18.7	53.9	55.2	21.5	149.3	0	------------	S.-Cu.	2	------------	Cu.
16	N	N	S	SSW	NNE	N	23.9	55.2	64.9	21.2	165.2	0	------------	S.-Cu.	3	------------	Cu.
17	N	NNW	S	S	SE	NE	27.1	42.8	46.7	38	154.6	1	------------	S.-Cu.	2	Ci.	Cu.
18	NE	NNW	S	SW	NW	NE	24.6	49.9	56.6	17.5	148.6	1	------------	S.-Cu.	2	Ci.	Cu.
19	N	NNW	S	SW	NE	NNE	11.5	42.4	53.1	23.1	130.1	0	Ci.	Cu.	3	------------	Cu.
20	Calm	NNW	S	S	NE	NE	9.9	42	29.6	23.5	105	3	------------	S.-Cu.	7	Ci.-S.	Cu.-N. ESE
21	N	N	NE	NE	NE	N	16.6	67.8	88.5	30	202.9	7	------------	S.-Cu. E	8	------------	S.-cf. ENE
22	NNE	N	NE	N	NE	NE	28	55	55.5	35.2	173.7	5	------------	S.-Cu. NE	6	------------	Cu. E
23	NE	NE	NE	NE	NE	NE	22.5	72.4	88.8	34.9	218.6	4	------------	S.-Cu. E	3	------------	Cu. ENE
24	Calm	NNE	NE	NNE	NE	NE	5.3	62.8	85.1	24.3	177.5	0	------------	Cu.	3	------------	Cu. NE
25	NE	N	E	NE	NE	N	14.2	50.1	33.8	26.6	124.7	0	------------	Cu.	7	Ci.-Cu. E	Cu.-N.
26	N	N	S	SW	N	NE	23.6	45.4	48.9	36.2	154.1	5	------------	S.-Cu. ENE	2	------------	Cu.
27	Calm	N	N	S	Calm	N	18.5	38.1	29.3	15.6	101.5	0	------------	Cu.	8	------------	Cu.-N. E
28	N	N	NE	SW	NE	NE	15.9	48	69.8	-----	------	0	------------	Cu.	3	------------	Cu. ENE
29	Calm	Calm	S	SSW	NE	NE	-----	-----	58.9?	24.9	------	0	------------	Cu.	2	------------	Cu.
30	N	NNW	S	N	Calm	NE	16.4	33	34.4	18.3	102.1	5	Ci.-S. SSE	S.-Cu.	10	Ci.-S.	Cu.-N. E
Mean	------	------	------	------	------	------	20.8	48.9	54.1	25.3	148.7	1.6	------------	------------	3.8	------------	------------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.80 mm.]

MAY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.61	58.96	59.86	57.93	58.21	59.85	58.90	24.5	24.3	30.5	31.5	27.5	25.9	27.4	32.6	23.8	94	95	67	70	84	89	83.2	------
2	58.61	58.70	59.14	56.98	58.48	59.71	58.60	24.7	24	30.3	30.6	27.1	25.2	27	31.9	23.7	94	97	71	70	80	90	83.7	------
3	58.54	58.86	59.28	57.13	58.22	59.41	58.57	24.3	24.2	30.9	30.6	27.7	26.2	27.3	31.6	23.6	94	94	71	72	82	89	83.7	------
4	58.06	58.64	58.78	56.57	57.03	58.41	57.92	24.3	23.1	30.5	30.9	29.6	25.9	27.4	31.7	22.8	93	94	63	62	66	86	77.3	------
5	57.15	58.48	58.97	56.98	57.64	59.17	58.06	22.8	22.1	29.7	30.8	27.7	25.9	26.5	31.5	21.5	93	93	71	67	83	89	82.7	------
6	58.18	58.44	58.63	57.56	58.29	59.52	58.44	23.9	23.1	32.6	29.2	27.2	24.9	26.8	34	22.7	94	96	62	81	90	94	86.2	3.6
7	57.68	58.01	58.75	56.49	57.24	58.94	57.85	23.1	23	29.4	30.5	29.6	25.7	26.9	33.6	22.5	96	97	73	74	72	86	83	------
8	57.75	58.23	58.95	57.12	57.21	58.95	58.04	23.9	24.8	29.7	32.7	29	24.8	27.5	33.9	23.7	94	92	70	58	78	92	80.7	------
9	57.83	58	58.87	58.28	57.79	59.17	58.32	24	24.4	33	26.6	27.1	24.7	26.6	35.2	23.8	95	92	54	86	85	94	84.3	5.8
10	58.13	58.29	58.63	56.32	57.13	59.44	57.99	23.7	23.2	29.7	31.6	29	26	27.2	33.2	22.8	95	96	72	70	82	90	84.2	------
11	57.68	58.34	58.98	57.11	57.99	59.50	58.27	24.4	24	31	33.4	29.6	25.8	28	34	23.4	93	95	69	62	67	90	79.3	------
12	58.37	58.73	59.94	57.66	58.02	59.59	58.72	24.4	23.8	30.5	30.7	30.4	26.8	27.8	33.7	23.4	93	94	74	76	68	86	81.8	.8
13	58.30	58.90	59.25	56.78	57.18	59.48	58.32	25	24.7	31	33.5	28.7	26.8	28.3	34.4	24.2	93	94	71	62	73	84	79.5	------
14	58.41	59.24	59.39	57.09	57.67	59.53	58.56	25.1	25	31.5	30.8	30.8	29.8	28.8	33.2	24.8	93	93	72	74	72	75	79.8	------
15	58.64	58.59	59.45	57.43	58.34	59.26	58.62	29.1	27.7	31.4	33	29	26.6	29.5	33.9	25.8	79	88	73	67	79	87	78.8	------
16	58.43	58.49	58.69	56.73	57.80	59.65	58.30	25.7	24.7	32	34.2	27.2	26	28.3	34.5	24.4	93	94	66	63	80	87	80.5	------
17	58.33	58.88	59.67	58.10	58.56	60.20	58.96	25.8	24.7	31.5	28.4	28.2	25.9	27.4	32.9	24.3	87	92	66	82	79	91	82.8	3.8
18	59.57	59.86	60.55	58.77	59.58	60.96	59.88	24.7	25.4	30.6	32.2	30.1	26.9	28.3	33.9	24.3	95	90	73	68	72	86	80.7	------
19	60.15	60.51	60.70	58.65	58.77	60.36	59.86	24.8	23.7	31.2	31.8	30.3	26.7	28.1	33.7?	23.4	92	94	58	66	67	88	77.5	------
20	59.24	59.51	59.10	56.82	57.65	58.49	58.47	25	24.4	31.6	34	30.7	26.8	28.8	36.6	23.8	93	94	70	60	67	86	78.3	------
21	57.92	58.62	58.64	56.42	56.75	58.36	57.78	25	24.8	30.7	31.5	30	26.9	28.2	32.2	24.5	92	93	74	69	75	86	81.5	------
22	57.53	57.83	58.23	57.14	58.29	59.89	58.15	25.5	25.4	32	30.6	27.2	26.1	27.8	33.9	25.1	90	90	65	72	88	88	82.2	2.6
23	58.92	58.91	59.13	57.63	58.46	59.67	58.79	25	26.9	30.7	31.8	28.9	26.3	28.3	34.5	24.7	93	83	71	69	75	90	80.2	20.9
24	58.79	59.41	59.73	58.13	58.28	60.33	59.11	25.9	24.4	28.8	30.7	30.4	27	27.9	31.7	24.2	86	95	80	65	61	82	78.2	------
25	59.24	59.85	60.18	58.84	58.89	60.46	59.58	25	24.4	31.2	30.9	27.8	25.7	27.5	32.3	24	93	94	69	70	82	93	83.5	------
26	59.86	60.13	60.64	58.07	58.90	60.04	59.61	24.4	23.7	31.5	32	27.7	26	27.6	33.1	23.4	94	95	67	61	84	92	82.2	2
27	59.35	59.56	60.13	57.86	58.43	60.45	59.30	24.8	24.2	30.9	32.7	30.4	27.1	28.4	33	23.8	93	95	72	65	76	84	80.8	------
28	59.56	59.77	60.68	58.18	58.32	60.25	59.46	25.2	25	31.5	32.8	30.4	27	28.6	34.6	24.3	94	95	72	65	69	86	80.2	------
29	59.22	59.49	60.08	57.73	58.32	59.50	59.06	25.3	25.2	31.6	32	29.3	26.7	28.4	32.5	24.7	95	95	72	68	75	85	81.7	------
30	58.72	58.59	58.54	56.87	57.05	57.82	57.93	25.2	25.1	31.1	32.1	29.6	26.8	28.3	34.1	24.3	93	94	70	68	70	86	80.2	------
31	57.46	57.81	57.92	56.17	56.69	57.41	57.24	25.6	24.9	32	31.4	30.1	26.7	28.4	32.6	24.3	92	92	69	71	74	88	81	------
Mean	58.52	58.89	59.34	57.40	57.97	59.48	58.60	24.8	24.5	31	31.5	29	26.3	27.8	33.4	23.9	92.5	93.4	69.3	68.8	76	87.7	81.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	39.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NNE	S	NE	NE	NE	18.5	46.7	52.9	19.1	137.2	7	Ci.-S. SSE	S.-Cu.	7	Ci.-S.	Cu.-N. E
2	NE	NNW	SE	SSW	NNW	NE	21.4	36	39.9	21.5	118.8	7	Ci.-S.NEbyE	S.-Cu.	6	Ci.-S.	Cu.-N. E
3	NNE	NNW	S	SSW	NNW	NE	24.3	49.3	48.9	20.3	142.8	5	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N. E
4	NNE	NNW	S	SSW	NW	NE	21.5	51.8	56.9	16.6	146.8	2	Ci.	Cu.	2	Ci.	Cu.
5	NNE	NNW	S	SSW	NW	NE	30.1	53.1	47.3	12.1	142.6	0	Ci.	------------	6	Ci.	Cu.-N. E
6	N	NNW	ENE	W	NE	NNE	16.4	44.5	33.2	23.5	117.6	0	------------	Cu.	7	------------	Cu.-N.ENE
7	NNW	NNW	S	W	ENE	NE	22.7	41.8	36.2	25.7	126.4	3	Ci W	Cu.	6	------------	Cu.-N.ENE
8	N	NNE	S	SW	N	N	25.2	47.8	47.7	20.6	141.3	7	------------	S.-Cu. E	7	------------	Cu. E
9	NNE	NNE	SE	E	E	N	24.4	54.1	43.8	15.5	137.8	6	Ci.	S.-Cu. E	10	------------	N. E
10	N	N	S	W	N	NE	24.1	37.6	54.5	22.2	138.4	8	Ci.-S.	S.-Cu.	7	Ci.-S.	S.-cf. E
11	N	N	SSE	S	NE	N	25.7	39.4	40.8	21.1	127	6	A.-Cu. SE	S.-Cu.	5	Ci. S	Cu.
12	N	N	S	E	E	E	29	53.1	48.1	19	149.2	0	------------	S.-Cu.	6	Ci.-S.	Cu.-N. E
13	NNE	N	SSE	SSW	N	NNE	28.7	49.6	57.3	21.1	156.7	0	Ci.	S.-Cu.	2	Ci.	Cu.
14	N	NNW	S	SSW	W	SSW	23.6	43.8	49.9	44.5	161.8	6	Ci.-S.	Cu.-N. S	7	Ci.-S. W	Cu.
15	SSW	E	S	SSW	NNE	NNE	72.9	45.6	44	14.5	177	8	A.-Cu.	S.-Cu. SSW	7	Ci.-S.	Cu.-N.
16	NNE	N	S	SW	N	N	25.5	44.1	46.4	25.4	141.4	2	Ci.	S.-Cu.	6	Ci.-S.	Cu.-N.
17	NE	NNE	S	SE	E	NE	23.8	59.5	45.7	20.3	149.3	5	Ci.	Cu.	9	------------	S.
18	N	E	S	S	E	E	28.5	75.1	49.3	16.4	169.3	5	Ci.-S.	S.-Cu. SSE	7	Ci.-S.	Cu.-N. ESE
19	NE	N	S	S	N	NE	22	59.7	51.2	16.9	149.8	5	Ci. E	S.-Cu.	6	Ci. E	Cu.
20	NNE	N	S	SW	W	N	24.7	42	50.2	19.9	136.8	5	Ci. NE	S.-Cu.	6	Ci. NE	Cu.
21	N	N	S	SSW	S	NE	28.2	33.8	40.8	22.5	125.3	7	Ci.-S. NNE	S.-Cu. WSW	7	Ci.-S. NE	Cu.
22	NE	NE	SW	SW	NW	SW	31.4	54.4	36	65.4	187.2	5	Ci. NNE	Cu.	8	Ci.-S.	Cu.-N.
23	NW	SW	SW	SW	SW	E	44.1	62.2	64.4	44.8	215.5	7	Ci.-S.	S.-Cu. WSW	6	Ci.-S.	Cu. WSW
24	NE	NW	S	S	NW	NE	41.8	34.4	44.5	22	142.7	9	A.-Cu. S	S.-Cu.	7	Ci.-S.	Cu.
25	NE	NNW	SSE	E	E	NE	22.7	39.7	31.1	17.7	111.2	5	Ci.-S.	S.-Cu. S	7	Ci.-S.	Cu.-N.
26	N	N	SE	S	E	N	25.2	39.1	37.5	21.9	123.7	0	------------	Cu.	6	Ci.-S. SE	Cu.-N.
27	N	NNE	S	SSW	E	NE	23.3	37.2	46.7	18.3	125.5	4	Ci.	Cu.	4	Ci.	Cu.
28	NE	NNW	S	SSW	W	NE	21.4	44.5	49.3	13.2	128.4	7	Ci.-Cu.	S.-Cu. SSW	4	Ci.	Cu.
29	NNW	N	S	SW	NE	NE	22	45.6	35.9	21.1	124.6	4	Ci. NNW	Cu.-N.	7	Ci.-S.	Cu.-N.
30	NE	NE	S	SW	NE	NE	20.7	35.6	55.8	18	130.1	3	Ci.	S.-Cu.	2	Ci.	Cu.
31	NE	NE	S	SSW	NE	NE	24.7	39.6	38.8	12.1	115.2	0	------------	Cu.	3	Ci.	Cu.-N.
Mean	------	------	------	------	------	------	27	46.5	46	22.4	141.9	4.5	------------	------------	6	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,397.4	----	------------	------------	----	------------	------------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.80 mm.]

JUNE, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.11	57.98	58.78	57.36	57.81	59.31	58.06	24.7	23.7	31.8	32.2	81.9	27.9	28.7	34.9	23.4	92	94	64	61	63	79	75.5	-----
2	59.21	59.66	59.83	58.32	58.08	60.38	59.25	25	23.9	31.6	28.6	30	26.1	27.5	33.8	23.6	93	95	67	85	77	93	85	2.5
3	59.20	59.98	59.58	59.04	58.64	59.27	59.28	24.9	24.1	33.7	31.5	28.2	25.6	28	35.4	23.8	94	95	49	60	76	88	77	21.1
4	59.26	60.32	60.19	58.36	58.36	59.07	59.26	24	23.8	27.6	28.4	26.7	24.5	25.8	29.6	23.7	96	97	82	80	82	93	88.3	-----
5	58.40	58.68	59.07	57.51	58.12	59.51	58.55	23.5	23.4	31.2	31	27.6	24.7	26.9	33.2	22.9	96	97	72	68	80	93	84.3	-----
6	58.45	59.07	59.28	58.50	59.02	60.26	59.10	23.3	23.2	31.7	26.4	25.1	23.9	25.6	33.1	22.6	95	96	65	89	94	93	88.7	17.5
7	59.43	59.60	59.62	57.71	57.66	59.10	58.85	23	23.2	30.3	30	28.5	25.7	26.8	31.7	22.8	97	97	72	73	75	88	83.7	6.1
8	58.41	58.48	58.59	56.56	56.79	58.44	57.88	23.9	23.3	28.7	28.8	27.5	24.4	26.1	32.2	22.9	95	96	77	82	82	93	87.5	22.4
9	57.23	57.39	57.95	56.38	56.56	57.76	57.21	23.3	23.2	29.4	30.7	29.1	25	26.8	32.7	22.6	96	97	74	72	75	93	84.5	1
10	56.52	57.45	57.88	55.71	56.37	58.15	57.01	24.3	24.3	29.4	30.9	27.1	25.7	27	32.1	23.9	95	96	75	70	93	93	87	9.1
11	57.38	57.67	58.04	57.62	57.08	58.28	57.68	24.8	24.2	29.5	25	25.3	24.7	25.6	31.6	24	94	97	74	95	94	94	91.3	40.4
12	57.48	57.90	58.96	58.08	57.92	59.33	58.28	23.9	23.7	30	24.5	24.9	23.9	25.2	32.5	23.4	96	97	75	94	95	95	92	47
13	58.45	58.48	58.47	57.46	57.54	59.30	58.28	23.7	23.3	31.4	27.4	27.8	25.9	26.6	32.2	23.1	96	97	68	87	88	93	88.2	3.8
14	58.06	58.10	58.30	56.30	56.45	58.41	57.60	24.9	24.5	28.9	31	28.3	26.7	27.4	31.8	24.3	96	96	78	75	86	88	86.5	-----
15	57.99	58.54	58.44	57.17	57.78	59.57	58.25	25.4	24.5	31.2	31.7	29.2	26.6	28.1	33.5	24.4	94	95	70	69	82	87	82.8	2.5
16	58.47	58.61	59.08	58.48	58.89	60.59	59.02	25.6	24.8	31	30	28.8	26	27.7	33.1	24.3	93	95	74	76	82	92	85.3	.8
17	59.36	58.84	59.19	57.67	57.95	59.36	58.73	26	25	30.7	32.5	29	26.9	28.4	33.9	24.8	91	96	70	61	81	85	80.7	-----
18	58.16	58.05	58.69	57.31	57.55	59.11	58.14	24.8	24.3	29.7	27.9	27.4	25	26.5	33.4	23.8	95	96	78	87	85	92	88.8	8.8
19	58.09	57.94	58	56.96	57.11	58.69	57.80	24.3	24.2	29.6	26.7	28	26.3	26.5	31.8	23.6	96	97	78	90	86	90	89.5	2
20	57.31	57.28	57.78	56.49	56.91	58.74	57.42	25.2	24.8	30.4	28.2	28.9	25.2	27.1	30.6	24.2	95	97	73	80	81	93	86.5	25.1
21	57.45	57.97	58.51	56.79	57.52	58.80	57.84	23.9	23.7	29.1	28.3	27.3	25.6	26.3	30.7	23.2	96	97	78	81	85	93	88.3	9.4
22	57.59	58.28	58.18	56.80	57.68	58.46	57.83	24.1	24	29.8	27.8	26	24.8	26.1	30.7	23.6	95	96	77	84	94	94	90	15.5
23	57.28	57.95	57.81	55.98	56.90	58.32	57.37	24.2	24	29.7	26.9	27.5	25.9	26.4	30.9	23.5	96	97	79	93	90	93	91.3	18.3
24	57.13	57.82	58.21	56.81	57.17	58.67	57.64	25	24.6	29.2	29.2	25.2	24.7	26.3	31.7	24.3	95	97	78	81	93	93	89.5	6.1
25	57.88	58.19	58.20	56.74	56.92	58.58	57.75	24	23.7	29	27	26.3	24.9	25.8	30	23.5	96	97	78	90	90	94	90.8	8.8
26	58	58.09	58.54	57.02	57.95	59.89	58.25	24	23.8	80.2	31.1	29.6	24.6	27.2	32.3	23.3	96	97	74	70	75	95	84.5	90.9
27	58.81	58.39	59.15	58.05	58.25	59.50	58.69	23.9	23.9	29.5	30.5	28	26	27	31.7	23.4	96	97	79	72	87	94	87.5	-----
28	58.21	58.81	59.10	57.55	58.04	59.84	58.59	24.5	24.3	31.5	30.5	27.2	25.8	27.3	31.9	23.8	95	96	73	71	90	92	86.2	1
29	58.82	59.05	59.08	58.24	58.46	59.75	58.90	25.2	25	28.6	31.3	28	25.7	27.3	31.6	24.7	93	94	83	71	85	93	86.5	5.6
30	58.86	59.26	59.79	58.13	57.66	59.81	58.92	24.9	24.3	30.3	30.2	28.5	25.9	27.4	30.6	23.8	95	96	79	75	83	93	86.8	4
Mean	58.13	58.46	58.74	57.37	57.64	59.14	58.25	24.4	24	30.2	29.2	27.8	25.5	26.8	32.2	23.6	94.9	96.2	73.8	78.1	84.3	91.6	86.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	364.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	S	SSW	E	E	22.8	45.6	62.5	28	158.9	0	------------	Cu.	2	------------	Cu.
2	NE	N	S	E	ENE	NE	23.8	43.8	44	19.9	131.5	0	------------	Cu.	8	Ci.-S.	Cu.-N. E
3	N	N	N	NE	NE	E	19.8	46.1	53.9	15.8	135.6	2	------------	S.-Cu.	9	------------	S.
4	ESE	NW	SE	NE	N	N	31.9	20.7	35.4	19.9	107.9	10	Ci.-S.	N. S	9	Ci.-S.	Cu.-N.
5	N	N	SSE	S	N	N	21.9	51.5	40.2	18	131.6	5	Ci.	S.-Cu.	7	Ci.-S.	Cu.
6	N	NNW	ESE	N	NE	N	23.8	48.9	32.8	19.9	125.4	0	Ci.	Cu.	10	Ci.-S.	N. E
7	N	N	S	S	N	N	28.2	42.1	40.5	17.4	128.2	3	------------	S.-Cu.	8	Ci.-S.	Cu.-N. E
8	N	N	S	W	NNE	N	17.2	37.5	41.6	19	115.3	3	A.-Cu. WNW	Cu.	9	Ci.-S.	Cu.-N. E
9	N	N	S	ESE	NE	NE	24.1	35.9	38.9	15.9	114.8	4	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
10	N	NW	SE	SW	N	N	18.8	28.5	40.8	17.9	106	8	Ci.-S.	S.-Cu. ESE	6	Ci.-S.	Cu.-N.
11	N	NNW	S	NE	NE	N	-----	-----	45.9	21.4	-----	5	Ci.-S.	S.-Cu.	10	------------	N.
12	N	NNW	SE	NNW	N	N	25.2	29	46.7	14.2	115.1	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N. E
13	N	N	SSE	NW	N	N	21.5	34.8	35.1	19.3	110.7	4	Ci.	S.-Cu. E	7	Ci.-S.	Cu.-N.
14	N	N	NNE	N	N	NE	18.2	42.6	46.9	23.9	131.6	9	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu.
15	N	N	SSE	SSE	N	NNE	17.9	55.5	48.6	21.5	143.5	2	Ci.	S.-Cu.	5	Ci.-S.	Cu. E
16	N	N	SE	SE	E	NE	15.9	33.6	38.9	16.7	105.1	3	------------	S.-Cu. E	9	Ci.-S.	Cu.-N. E
17	NE	NNE	E	ENE	NE	NE	19.6	35.1	56.9	24.6	136.2	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
18	NE	N	SSE	NNW	ESE	N	14	38.3	24.4	16.1	92.8	2	------------	S.-Cu.	9	Ci.-S.	N. E
19	N	NNW	S	NNE	E	NE	25.4	41.8	32.5	14.7	114.4	0	------------	S.-Cu.	9	Ci.-S.	N. E
20	N	Calm	SSE	SSW	Calm	NE	17.9	30.6	23.5	17.4	89.4	7	Ci.-S.	S.-Cu. E	7	Ci.-S. E	Cu.-N.
21	N	NNW	S	E	E	NE	23.6	29.2	24.4	25.5	102.7	7	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. E
22	N	NNW	S	NE	N	N	21.7	38	21.7	20.9	102.3	5	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
23	N	N	S	S	NNE	NE	13.7	31.6	21.4	15.9	82.6	8	A.-Cu. SE	S.-Cu.	9	Ci.-S.	N. E
24	NNW	N	S	NNW	NNW	N	20.4	35.6	44.5	25.1	125.6	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	Cu.-N. E
25	N	N	S	NNE	N	N	25.9	34.9	30.3	18	109.1	6	A.-Cu. E	S.-Cu.	10	Ci.-S.	N. E
26	N	N	S	S	W	NE	20.7	39.4	42.1	29.5	131.7	8	Ci.-S.	S.-Cu. SSW	5	Ci.-S.	Cu.
27	N	NNE	S	S	N	N	22.7	42.4	42.4	21.5	129	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
28	N	N	N	SW	N	NW	20.6	43.3	40.8	25.4	130.1	6	Ci.-S.	S.-Cu. E	8	A.-Cu.	S.-Cu. NW
29	W	NNW	SW	SW	Calm	N	39.6	31.1	46.7	16.6	134	10	Ci.-S.	S.-Cu. NW	8	A.-Cu. WNW	Cu.
30	NNW	N	S	SSE	N	N	22.7	34.4	18.3	18	93.4	4	Ci.	S.-Cu.	8	Ci.-S.	Cu.
Mean	-----	-----	-----	-----	-----	-----	22.1	38	38.8	19.9	118.4	5.3	------------	------------	8.1	------------	------------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

JULY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a.m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.44	60.08	60.07	57.55	57.33	58.59	58.84	25	24.8	30	30.2	29.8	26.3	27.7	31.7	24.6	95	96	80	74	73	91	84.8	------
2	57.89	57.88	57.67	56.27	56.94	58.60	57.54	25.7	24.6	31.1	32.6	29.7	27.7	28.6	33.8	24.4	93	96	78	69	77	81	82.3	------
3	57.36	57.42	57.49	56.02	56.67	58.53	57.25	25.5	25	30.6	33.3	30.6	26.2	28.5	34.6	24.5	94	95	74	62	73	94	82	3
4	57.81	58.51	58.65	57.24	57.19	59.23	58.10	25	24.8	30.9	32.8	31.2	27.1	28.6	34	24.6	95	97	77	70	68	86	82.2	2
5	58.57	58.71	59.14	57.74	58.01	59.64	58.64	25.7	25.3	30.4	31.9	28.7	26.1	28	33.9	25	94	96	78	70	85	91	85.7	------
6	58.58	58.83	59.29	57.45	58.19	59.72	58.68	25.1	24.1	30.2	32.2	27.5	25.9	27.5	33.4	23.6	94	95	74	66	81	91	83.5	------
7	59.16	59.46	59.79	58.36	58.80	60.22	59.30	24.7	24.2	30.7	27.2	27.2	25.7	26.6	32.1	23.8	95	96	66	87	90	93	87.8	14.7
8	59.88	60.15	60.54	59.38	59.66	60.99	60.10	24.2	23.8	30.8	28.4	26.4	24.8	26.4	32.2	23.6	95	97	74	88	90	95	89.8	39.6
9	60.02	60.56	61.04	59.49	59.52	60.92	60.26	24.3	24.2	31.6	28.6	26.5	25.7	26.8	33.7	24	96	97	69	85	91	91	88.2	1.6
10	59.67	59.88	60.58	59.13	59.21	60.10	59.76	24.7	24.4	30.1	29.4	25.3	24.6	26.4	30.9	24	94	96	78	79	91	95	88.8	9.1
11	59.13	59.10	59.83	58.79	58.69	59.99	59.26	23.8	24.1	29.6	27	28.2	25.6	26.4	30.5	23.4	96	97	80	90	83	93	89.8	4.1
12	58.68	58.81	59.27	58.60	58.37	59.37	58.85	24.8	24.1	30.2	25.4	25.8	24.2	25.8	31.1	23.5	95	97	76	89	93	94	90.7	20.8
13	57.95	58.13	58.48	57.44	57.51	58.96	58.08	23.3	23.2	28.5	25.8	25.1	24.9	25.1	29.4	22.5	96	97	78	88	94	95	91.3	13.7
14	57.74	57.89	58.47	56.76	57	58.81	57.78	23.7	23.5	26.1	27.4	27.6	25.1	25.6	28.3	23	97	97	95	87	87	94	92.8	27.7
15	57.58	57.38	58.06	56.83	57.50	58.39	57.62	24	23.2	29.5	30	23.3	23.1	25.5	30.8	23	96	97	78	75	93	96	89.2	34.3
16	58.23	58.18	58.68	58.25	57.62	58.87	58.30	22.9	23	30.1	24.7	24.6	23.9	24.9	30.9	22.5	96	97	79	94	93	95	92.3	21.4
17	57.78	58.20	58.05	56.46	57.06	58.38	57.66	23.3	23.2	29.2	29.7	27.2	24.8	26.2	31.4	22.8	97	97	84	80	97	95	91.7	5.1
18	57.20	57.19	57.11	55.83	56.73	57.87	56.99	23.8	23.3	29.1	29	26.6	24.7	26.1	32.4	23.1	96	97	80	81	89	94	89.5	------
19	56.48	56.43	57.16	55.28	55.99	57.22	56.43	23.5	23.2	29.9	32	28.1	25.7	27.1	32.4	22.9	96	97	76	68	81	93	85.2	------
20	56.45	56.50	57.32	55.63	56.09	58.06	56.68	24.3	24.1	30.6	31.4	29	26.3	27.6	33.4	23.7	94	95	74	68	74	88	82.2	------
21	56.71	57.68	57.75	56.44	57.60	59.67	57.64	25.2	25	31.5	34	28.5	26.2	28.4	34.7	24.4	94	95	74	63	85	90	83.5	------
22	58.23	58.57	59.24	58.18	58.68	59.63	58.76	25.2	25.1	31.2	30.3	28.9	26.9	27.9	32.5	24.4	94	95	75	74	83	86	84.5	------
23	58.16	58.50	59.74	57.59	57.20	58.31	58.25	27	28	33.4	33	29.7	26.9	29.7	34.5	26.5	86	85	68	67	76	86	78	------
24	56.72	56.69	56.90	55.62	55.66	57.29	56.48	28	27.9	32.4	32.3	28.8	28	29.6	33.3	27.6	86	86	66	68	79	84	78.2	------
25	55.89	55.97	56.36	55.35	56.15	57.46	56.20	27.9	27.8	30.8	29.4	27.2	26.6	28.3	33.6	25.5	84	84	76	81	83	86	82.3	12.1
26	56.86	55.93	55.79	54.93	55.66	56.68	55.98	25.4	26.9	29.3	29.8	25.4	25.2	27	30.2	24.4	94	86	73	75	93	92	85.5	46.5
27	55.45	55.61	55.59	54.55	54.72	55.40	55.22	26.4	27.5	28.7	29.6	27.2	27.7	27.8	30.1	25.4	91	86	80	79	84	83	83.8	------
28	53.92	53.84	54.94	53.46	52.92	53.91	53.83	27.9	27.4	28.6	29.2	28	26.7	28	29.7	24.6	87	87	84	74	86	88	84.3	7.4
29	52.63	52.54	53.03	51.81	52.53	53.16	52.62	27.1	27.1	28.3	28	26.2	26.8	27.2	29.5	26	81	80	81	80	90	87	83.2	7.1
30	51.96	52.94	54.30	54.06	54.95	55.80	54	26.6	27.4	28.5	28.5	27.7	28	27.8	28.9	26.1	87	84	78	74	79	79	80.2	1.8
31	55.01	55.12	56.21	55.20	55.58	57	55.69	28	27.5	29.2	29.8	29	28.6	28.7	30.4	27.4	79	81	74	74	81	79	78	------
Mean	57.33	57.51	57.95	56.64	56.96	58.28	57.44	25.2	25.1	30	29.8	27.6	26	27.3	31.9	24.3	92.5	92.8	76.7	76.7	84.6	89.8	85.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	272

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	N	S	SSW	W	NNE	19.9	31.2	44.8	15.9	111.8	8	Ci.-S.	S.-Cu. SW	5	Ci.-S. SE	Cu.
2	N	NNW	S	SSW	N	NE	20.9	38.4	52.3	16.6	128.2	7	Ci.-S NNE	S.-Cu. ssw	5	Ci.-S.	Cu.
3	NE	N	S	SW	NW	S	18.8	44.5	54.1	25.5	142.9	5	Ci.-S. N	S.-Cu.	0	------------	Cu.
4	NNE	N	S	SSW	W	NNE	22.3	38	53.7	19.3	133.3	3	------------	Cu.-N.	3	------------	Cu.
5	N	N	S	SW	N	N	22.5	33.2	38.9	21.1	115.7	3	------------	S.-Cu.	7	Ci.-S.	Cu.-N.
6	N	N	S	S	N	N	30.1	39.1	49.3	30.3	148.8	4	Ci.	S.-Cu.	6	Ci.-S.	Cu.-N.
7	N	N	SW	W	Calm	N	28.7	32.2	34.6	19	114.5	0	------------	Cu.	8	------------	Cu.-N. E
8	N	N	SE	NNE	N	N	29.5	32.8	37.6	13.4	113.3	0	------------	Cu.	10	Ci.-S.	N. E
9	N	N	NE	NW	N	NE	28.5	33.6	35.2	11.8	109.1	7	Ci.-S.	S.-Cu. E	9	Ci.-S.	Cu.-N. E
10	N	N	SSE	NE	NE	Calm	11.9	24.3	40.8	16.9	93.9	3	Ci.	Cu.	9	Ci.-S.	Cu.-N. E
11	N	NNW	S	NNE	Calm	N	30.4	41.5	23.6	15.3	110.8	5	Ci.-S.NNE	Cu.	9	Ci.-S.	Cu.-N.
12	N	N	S	E	Calm	N	21.9	37.8	29.3	19	108	5	Ci.-S.NNE	S.-Cu.	10	Ci.-S.	Fr.-N. E
13	NNE	NNW	SSE	E	N	N	26.9	26.4	27.4	12.6	93.3	6	A.-Cu. NE	S.-Cu.	10	Ci.-S.	N. E
14	N	N	N	NNW	N	NE	12.4	19.9	26.4	30.8	89.5	10	Ci.-S.	N. E	10	Ci.-S.	S.-Cu.
15	NNW	NNW	NE	SE	N	N	23.9	30.4	54.5	16.4	125.2	10	Ci.-S.	Fr.-N.	8	Ci.-S	Cu.-N. E
16	N	Calm	N	N	NW	Calm	18.7	31.6	27.7	11.6	89.6	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N.
17	N	N	S	SW	NNW	N	22	32.7	38.8	23	116.5	10	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.NE
18	N	N	S	W	N	N	15.1	40.4	44.6	25.7	125.8	6	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
19	N	NNW	SW	SSW	N	NE	24.4	34.3	35.9	18.8	113.4	1	------------	S.-Cu.	4	Ci.-S.	Cu.
20	N	NNW	S	SSW	N	NE	29	33	43.1	24.6	129.7	4	Ci.	Cu.	2	Ci.	Cu.
21	NE	NNE	SW	SW	W	N	24.1	38.9	59.2	15	137.2	6	------------	S.-Cu. S	7	Ci.-S.	Cu.-N.
22	NW	NNW	SW	SW	SW	NE	21.1	35.2	42.8	42.1	141.2	9	Ci.-S.	S.-Cu. wsw	9	Ci.-S.	s.-cu. wsw
23	SW	SW	SW	SW	W	NW	65.8	66.6	78.9	32.5	243.8	7	Ci.-S.	S.-Cu. SW	7	Ci.-S.	Cu. WSW
24	SW	WSW	SW	SW	S	W	92.5	78.3	72.7	46.2	289.7	7	Ci.-S.	S.-Cu. wsw	8	Ci.-S.	Cu.
25	SW	SW	SW	SW	SSW	SSW	60.7	93.5	127.1	133.3	414.6	8	Ci.-S.	S.-Cu. wsw	8	Ci.-S.	S.-Cu. SW
26	SSW	SSW	SSW	SSW	W	W	147.6	116.7	113.8	72.9	451	10	Ci.-S.	S.-Cu. SW	8	A.-Cu.	S.-Cu. SW
27	SW	SSW	SSW	SSW	SSW	SW	113.5	134.4	140.6	112	500.5	10	Ci.-S.	N. SW	7	Ci.-S.	S.-Cu. SW
28	SSW	SSW	SW	SW	SW	W	118.5	127.3	126.3	129.5	501.6	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
29	WSW	WSW	SW	SW	SW	SW	114.5	131.5	180.4	143.8	570.2	10	Ci.-S.	Fr.-N. W	10	Ci.-S.	N. WSW
30	SSW	SSW	SSW	SSW	SSW	SW	167.3	164.1	153.5	138.4	623.3	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
31	S	S	S	S	SW	SW	165.9	138.9	95.3	36	436.1	9	Ci.-S.	S.-Cu. SW	7	Ci.-S.	S.-Cu.
Mean	------	------	------	------	------	------	50	58.1	64	41.6	213.6	6.5	------------	------------	7.5	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	6,622.5	----	------------	------------	----	------------	------------

CALBAYOG.

[φ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.80 mm.]

AUGUST, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.37	56.69	57.43	56.12	56.05	57.64	56.72	27.9	27.6	31	32.4	29.5	25.9	29	34.2	25.3	83	84	75	65	75	94	79.3	------
2	57.28	57.54	58.04	56.36	56.67	58.34	57.37	25.7	25.4	32	32.8	30.2	26.5	28.8	33.8	25	93	94	74	63	68	88	80	------
3	57.36	57.65	57.82	56.86	56.72	58.13	57.42	27.4	28.2	32	33.1	30	28.8	29.9	33.8	25.4	82	77	74	64	77	83	76.2	------
4	56.81	56.80	57.67	56.13	56.54	58.11	57.01	28.2	27.9	31.6	31.8	29.8	29.1	29.7	32.9	27.6	86	87	68	71	77	77	77.7	------
5	56.50	57.12	58.25	57.13	57.16	58.73	57.48	28.6	28.5	29.6	29.8	28.5	27.4	28.7	31	24.6	79	79	77	73	78	82	78	23.8
6	58.38	58.59	58.63	57.19	57.59	59	58.24	25	24.5	30	30	28.4	25.3	27.2	31.5	24.3	95	96	80	78	75	91	85.8	2
7	58.63	58.70	59.25	57.54	57.44	58.88	58.41	24.6	26.7	32.2	31.4	29	28.2	28.7	32.6	24.2	95	83	69	73	78	82	80	------
8	57.76	57.80	58.12	56.18	56.41	58.18	57.41	27.8	27.9	30.6	32.7	29.4	28.8	29.5	33.6	27.3	84	83	72	67	76	78	76.7	------
9	56.30	56.26	57.24	56.19	56.71	58.44	56.86	28.3	28.2	30.5	31.3	29.4	28.9	29.4	34.1	27.9	82	82	66	68	76	78	75.3	------
10	56.95	57.32	58.29	57.27	57.98	59.69	57.92	28.5	27.9	30.6	31.8	29.2	28.2	29.4	34.1	27.8	80	84	68	64	77	82	75.8	------
11	57.91	58.96	58.84	57.72	57.99	59.38	58.47	28.6	27.9	30.5	31.2	28.7	28.3	29.2	32.6	27.7	79	82	75	71	80	81	78	.3
12	58.26	58.99	58.91	57.44	56.99	58.44	58.17	27.7	27.2	29.4	30.8	28.4	27.3	28.5	32.6	26.7	84	87	76	71	72	78	78	------
13	57.65	58.02	58.45	56.62	56.91	58.30	57.66	27.9	27.7	30.9	33.3	29	28.6	29.6	34.8	26.7	75	75	67	57	76	76	71	------
14	57.67	57.71	58.04	57.02	57.26	58.71	57.74	27.4	27.8	32.1	31.2	29.4	27	29.2	33.8	25.6	82	80	69	66	75	86	76.3	------
15	57.41	57.27	58.54	57.48	57.95	59.30	57.99	25.5	25.1	32.4	33.4	28.7	26.8	28.6	35.8	24.4	94	94	70	62	80	89	81.5	5.1
16	57.91	59.01	58.98	57.51	57.56	58.75	58.29	26.6	25.7	28.4	29.4	28.2	26.8	27.5	30.2	24.9	89	94	79	76	82	89	84.8	.5
17	56.97	57.07	57.54	55.81	56.14	56.96	56.75	25.8	24.6	29.2	30.8	26.8	26.4	27.3	33.3	24.5	94	95	77	72	90	90	86.3	2.3
18	55.58	56.04	56.67	55.03	55.80	57.24	56.06	25.6	25	29.5	31.1	28.4	27.7	27.9	31.5	24.8	93	97	77	71	80	84	83.7	1.8
19	54.81	55.84	56.56	55.34	55.76	56.92	55.87	27.4	27.1	28.3	29.5	28.4	27	28	32.4	25.7	85	87	80	76	80	86	82.3	8.2
20	55.21	56.10	56.73	55.80	56.51	57.21	56.26	27.8	27.9	30.2	28.6	28.6	28	28.5	33.2	26.2	82	81	74	81	76	79	78.8	1.3
21	55.97	56.46	57.49	56.31	56.92	58.34	56.92	28.2	28.3	30.3	34.1	29.8	28.6	29.9	34.8	27.5	78	78	72	58	72	79	72.8	------
22	57.16	57.32	57.84	56.62	57.11	58.17	57.37	27.7	27.3	30.7	33.9	29	26.1	29.1	35.1	25.5	84	87	74	58	78	93	79	------
23	56.71	56.44	57.55	56.49	56.46	58.14	56.96	27.6	28.2	30.6	31.5	28.9	28.6	29.2	34.1	26.3	83	82	72	66	77	78	76.3	------
24	57.17	57.61	58.29	56.44	57.26	58.75	57.59	28.3	27.3	30.3	31.2	29.5	28	29.1	33.2	25.8	78	81	75	69	77	83	77.2	4.1
25	57.84	58.38	59.04	57.44	58.24	60.34	58.55	26	24.8	30.6	31.6	29.5	26	28.1	31.9	24.6	92	97	74	70	75	92	83.3	.5
26	59.15	59.66	59.90	58.04	58.26	60	59.17	24.7	24.3	29.7	32.9	28.9	25.8	27.7	33.8	23.9	94	96	73	63	78	93	82.8	8.1
27	59.74	60.93	61.17	59.23	59.70	60.32	60.18	25.4	24.3	26.8	28.8	26.9	23.9	26	30	23.1	95	96	83	75	82	95	87.7	6.6
28	59.90	59.97	60.69	58.97	59.39	60.94	59.98	22.8	21.9	29.5	30.9	29.6	25.7	26.7	31.9	21.7	97	97	77	72	71	93	84.5	------
29	59.56	59.61	59.42	57.71	58.04	59.39	58.96	24.7	23.4	31	33.5	29.5	25.8	28	34.4	23	95	96	73	63	75	93	82.5	------
30	58.85	59.16	59.44	57.55	57.30	58.83	58.52	24.5	23.7	29.6	31.5	29.1	26.8	27.5	31.7	23.6	94	97	79	73	78	87	84.7	------
31	57.25	58.28	58.97	56.96	57.51	58.62	57.93	25.5	24.7	28	28.5	26.5	24.8	26.3	29.6	24.1	94	96	78	80	90	93	88.5	10.6
Mean	57.45	57.85	58.38	56.92	57.24	58.65	57.75	26.7	26.4	30.3	31.4	28.9	27.1	28.5	33	25.3	87.1	87.9	74.1	68.9	77.5	85.5	80.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	75.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	S	SW	S	NNW	67.6	61.8	83.2	22.2	234.8	8	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
2	NNW	NNW	SW	SW	SW	NNW	20.3	43.1	52.9	22.7	139	5	------------	S.-Cu. SW	7	Ci.-S.	Cu. SW
3	SW	SW	SW	SW	SW	SW	52	91.7	62.8	59.2	265.7	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
4	SW	SW	SW	SSW	SW	SW	68.2	86.6	71.8	59.3	285.9	3	Ci.	S.-Cu.	6	Ci.-S. ENE	Cu.
5	SW	SW	SW	SW	SW	W	77.2	75.4	49.7	40.8	243.1	8	Ci.-S.	S.-Cu. SW	9	Ci.-S.	S.-Cu. SW
6	W	W	W	WSW	W	WNW	88.7	42.9	50.9	12.6	195.1	10	Ci.-S.	N. WSW	9	A.-Cu.	S.-Cu. WSW
7	Calm	W	SW	SW	SW	W	45.6	81.8	80.2	76.6	284.2	4	Ci.	S.-Cu. W	1	------------	Cu.
8	SW	SW	SW	SW	SW	SW	84.8	94.8	87.2	91.9	358.7	4	------------	S.-Cu. SW	0	------------	Cu.
9	SW	SW	SW	SW	SW	SW	101.9	106.8	81.6	98.7	389	7	Ci.-S.	S.-Cu. SW	4	Ci.	Cu. SW
10	SW	SW	SW	SW	SW	W	119.1	103	77.2	53.3	352.6	5	Ci.	S.-Cu. SW	8	Ci.-S.	Cu.
11	SW	SW	SW	SW	SW	SW	101.7	103.6	68.9	64.6	338.8	10	Ci.-S.	S.-Cu. SW	9	Ci.-S.	S.-Cu. SW
12	SW	SW	SW	SW	SW	SW	90.6	83.9	93.1	50.7	318.3	8	Ci.-S.	S.-Cu. WSW	8	Ci.-S.	S.-cf. SW
13	SW	SSW	SW	SW	SW	SW	74.5	54.7	65.7	54.5	249.4	7	A.-Cu. W	S.-Cu.	7	Ci.-S. NE	Cu.
14	SW	SW	SW	SW	SW	W	59	78.6	71	33.5	242.1	4	Ci.	S.-Cu. SW	5	Ci.	Cu. SW
15	Calm	Calm	SW	SW	Calm	Calm	17.4	56	51.5	13.1	138	5	Ci.	S.-Cu. SW	8	Ci.-S.	Cu.
16	Calm	W	W	W	W	Calm	59.5	34.3	47.3	14.5	155.6	10	Ci.-S.	N. W	10	Ci.-S.	S.-Cu. W
17	N	Calm	SW	WNW	Calm	W	18	30.6	51.8	27.4	127.8	10	Ci.-S.	N. NNE	8	Ci.-S.	S.-Cu. NW
18	W	Calm	W	W	N	Calm	11.9	33.2	40.4	30.6	116.1	8	A.-Cu.	S.-Cu. W	6	Ci.-S.	Cu. W
19	SW	SW	SW	SW	SSW	NW	53.6	52.8	57.6	59.8	223.8	7	Ci.-S.	S.-Cu. WSW	8	Ci.-S.	S.-Cu. WSW
20	SW	SSW	SW	Calm	SSW	SW	112.7	83.2	58.1	64.4	318.4	7	Ci.-S.	S.-Cu. SW	9	Ci.-S.	S.-Cu. SW
21	SSW	S	SW	SW	SW	S	75.8	74.5	60.9	58.4	269.6	3	Ci.	------------	7	Ci.-S.	Cu.
22	S	Calm	SW	WSW	SSW	NW	46.5	70	63.6	18	198.1	7	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu.
23	W	WSW	SW	SW	W	SW	56.8	75.4	73.4	50.9	256.5	10	Ci.-S.	S.-Cu. W	8	Ci.-S.	S.-Cu.
24	W	SW	S	S	SW	E	61.8	54.7	43.5	46.2	206.2	10	Ci.-S.	S.-Cu. SW	5	Ci.-S.	Cu.
25	W	Calm	S	S	Calm	N	17.7	29.5	31.4	27.9	106.5	7	Ci.-S.	S.-Cu. SSW	8	Ci.-S.	Cu.
26	N	NNW	S	W	Calm	N	18.7	33.5	41.8	18	112	7	Ci.-S.	Cu.-N. SSW	5	Ci.-S. SSE	Cu.
27	N	S	W	W	Calm	NNW	44.5	79.7	31.7	13.4	169.3	10	Ci.-S.	N. SSW	9	Ci.-S.	S.-Cu.
28	N	NNW	SE	SSW	Calm	N	33.5	27.2	42.8	19	122.5	0	------------	S.-Cu.	1	------------	Cu.
29	N	NNW	SW	SW	Calm	Calm	27.6	47.2	67.9	9.5	152.2	2	Ci.	S.-Cu.	3	Ci. E	Cu.
30	N	NNW	SE	SW	W	Calm	22.2	26.6	47.7	14.2	110.7	7	Ci.-S. NE	S.-Cu.	9	Ci.-S.	S.-Cu.
31	N	Calm	N	S	W	Calm	17.7	32.5	52	16.3	118.5	10	Ci.-S.	S.-Cu. NNW	9	Ci.-S.	S.-Cu.
Mean	------	------	------	------	------	------	56.4	62.9	60	40.1	219.3	6.8	------------	------------	6.6	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	6,798.5	----	------------	------------	----	------------	------------

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.80 mm.]

SEPTEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.55	57.80	58.38	56.99	57.19	58.14	57.68	23.9	23.8	29.9	30.3	28.3	27	27.2	32.4	23.3	96	97	75	68	79	86	83.5	17
2	56.82	57.92	57.98	56.26	56.74	57.95	57.28	27.3	24.4	31.6	29.8	28.7	26.9	28.1	33.2	24.2	85	93	72	78	78	88	82.3	------
3	56.67	57.50	57.96	56.24	56	57.42	56.96	27.7	27.5	30.7	30.4	28.2	27.9	28.7	33.4	27	84	84	75	73	80	81	79.5	------
4	56.42	56.51	57.56	55.85	56.24	57.50	56.68	27.7	27.8	29.5	30.2	26.6	27.4	28.2	32.3	26.3	83	86	78	80	89	85	83.5	1.5
5	56.07	55.89	56.70	54.83	55.21	56.59	55.88	27.3	27.2	29	31.7	28.6	27.8	28.6	32.2	26.8	85	86	82	73	79	83	81.3	------
6	55.87	55.50	56.01	54.24	54.72	56.29	55.44	27.6	27.4	29.9	31.2	27.7	27.6	28.6	31.6	27.2	83	84	74	73	82	83	79.8	2.3
7	54.75	55.13	55.63	54.26	54.37	55.94	55.01	27.2	26.1	30.3	30.5	28.2	27.8	28.4	30.8	26	85	93	76	75	85	84	83	2.1
8	55.04	54.60	55.35	53.66	54.33	55.57	54.76	27.8	27.4	28.7	30.5	29.1	26.6	28.4	31.2	24.9	84	85	78	79	80	89	82.5	2
9	54.79	55.29	56.06	55.27	55.76	57.47	55.77	27.9	27.8	30.1	30.7	29	28	28.9	32.4	27.6	78	77	72	72	77	82	76.3	------
10	56.21	56.40	57.56	55.76	56.80	57.55	56.71	27.8	27	31.2	31.6	25.9	26.7	28.4	33.8	25.6	82	86	72	68	82	80	78.3	------
11	55.96	55.82	56.86	55.49	55.66	56.52	56.05	27	26.9	30.2	30.3	28.9	25.7	28.2	34	25.4	84	83	74	75	81	93	81.7	------
12	56.36	56.45	56.99	55.49	56.24	57.29	56.47	26.7	25.7	31.5	29.4	25.4	25.2	27.3	33.1	25	86	89	71	82	93	93	85.7	25.1
13	56.76	57.31	58.30	55.58	56.61	57.81	57.06	25.1	24.8	27.4	31.6	28.1	25.6	27.1	32.6	24.4	93	97	84	65	82	93	85.7	81.9
14	57.67	58	58.26	56.65	57.56	58.67	57.80	24	24.2	29.5	31.3	27.4	25.7	27	33.5	23.7	97	96	76	60	84	93	84.3	1
15	58.13	58.76	58.33	56.84	58.09	59.73	58.31	24.6	24.5	28.6	29.9	24.5	24	26	30.7	23.4	93	94	82	75	92	95	88.5	9.9
16	58.96	59.45	60.20	58.96	59.37	60.06	59.50	23.3	22.9	29.6	27.1	25.8	24.6	25.6	31.1	22.6	96	97	77	88	92	95	90.8	.5
17	58.70	58.98	59.24	57.80	58.08	59.66	58.74	23.8	23.1	30.6	27.5	25.7	25.2	26	31.4	22.8	97	97	72	86	93	93	89.7	14
18	58.48	58.68	58.91	56.99	57.91	59.57	58.42	24.9	24.4	29.5	27.8	26.3	25	26.3	30.3	24.3	95	97	81	86	94	95	91.3	1.3
19	58.35	58.55	58.90	56.70	58.07	59.55	58.35	24.1	23.2	30	29.9	26.6	25.2	26.5	31.4	22.9	96	97	77	73	89	94	87.7	------
20	58.43	58.64	59.47	57.04	57.75	59.01	58.39	23.8	23.3	30.5	31.2	26.9	24.9	26.8	32.1	23.1	96	97	73	64	85	94	84.8	------
21	58.24	59.06	59.68	58.37	57.87	59.46	58.78	23.8	23.3	31.4	25.4	27.3	25.1	26	32.8	23	96	97	68	88	88	94	88.5	17.8
22	58.13	58.29	58.63	56.74	58.06	59.06	58.15	24	23.4	29.4	31.6	26.8	25.2	26.7	33.3	23.2	96	97	80	68	94	95	88.3	9.6
23	58.25	58.43	58.40	56.39	57.11	58.77	57.89	24	23.7	30.1	31.9	28.3	26	27.3	34.4	23.3	97	97	79	72	79	92	86	------
24	57.67	57.89	58.78	56.79	57.79	59.14	58.01	24.7	23.8	30.4	32.2	28.9	25.1	27.5	32.6	23.5	95	97	78	64	76	94	84	30.2
25	58.48	58.55	59.14	57.34	58.01	59.69	58.54	24.1	24.4	29.5	33.6	27.7	25.7	27.5	34.1	23.9	97	96	80	65	82	93	85.5	4.6
26	59.34	59.73	59.44	57.79	58.46	59.79	59.09	25.4	25	28.6	31.4	27.1	25.3	27.1	31.8	24.3	94	95	76	69	83	93	85	------
27	58.91	59.21	59.74	58.16	58.34	60.06	59.07	24.5	23.6	30.2	28.4	25.6	24.8	26.2	32.1	23.4	94	95	69	77	92	93	86.7	------
28	59.33	59.71	60.08	58.72	58.13	59.76	59.29	24.3	23.7	30	24.9	24.3	24	25.2	30.4	23.5	96	97	67	87	94	95	89.3	4.5
29	58.49	59.20	59.55	57.86	59.01	60.03	59.02	23.9	23.3	30.2	26.4	25.6	24	25.6	32.1	23.1	96	97	73	89	88	95	89.7	12.2
30	58.86	59.37	59.64	57.88	59.17	60.19	59.18	23	22.7	31.2	31.6	25.4	25.1	26.5	33.6	22.4	96	97	68	68	91	92	85.3	26.9
Mean	57.46	57.75	58.26	56.56	57.16	58.47	57.61	25.4	24.9	30	30	27.1	25.8	27.2	32.4	24.3	91.2	92.7	75.3	74.7	85.4	90.5	85	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	264.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km*	*Km.*	*0–10*			*0–10*		
1	Calm	NNW	W	W	Calm	W	14.8	53.7	49.9	34.8	153.2	9	Ci.-S.	N. W	8	Ci.-S.	Cu.-N.
2	W	NW	W	WSW	SW	W	47.3	56.3	75.3	45.1	224	9	Ci.-S.	N. W	8	Ci.-S.	S.-Cu. W
3	SW	SW	SW	SW	SW	SW	94.3	82.7	90.9	82.6	350.5	8	Ci.-S.	S.-Cu. SW	10	Ci.-S.	Cu.-N. SW
4	SW	SW	SW	SW	SW	SW	75.6	89.9	55	68.1	288.6	10	Ci.-S.	S.-Cu. SW	9	Ci.-S.	S.-Cu. SW
5	SW	SW	SW	SW	SW	SW	99.5	95.3	92.3	88.2	375.3	9	A.-Cu.	S.-Cu. SW	7	A.-Cu. NW	S.-Cu.
6	SW	SW	SW	SW	SW	SW	98.2	118.8	115.9	123.9	456.8	8	Ci.-S.	S.-Cu. SW	7	Ci.-S.	Cu. SW
7	SW	SW	SW	SW	SW	SW	116.2	122.8	153.1	140.6	532.7	10	Ci.-S.	N. WSW	7	Ci.-S.	S.-CU. WSW
8	SW	SW	SSW	SW	SW	SW	129	136.2	104.6	79.2	449	9	Ci.-S.	N. SW	7	Ci.-S.	S.-CU. WSW
9	SSW	SSW	SW	SW	SW	SW	128.7	106.2	101.1	88.5	424.5	8	Ci.-S.	S.-Cu. SW	8	Ci.-S.	S.-Cu. SW
10	W	W	SW	SW	NNW	W	84.8	74.8	104	40.5	304.1	9	Ci.-S.	S.-Cu.	8	A.-Cu.	S.-CU. WSW
11	W	W	WSW	WSW	SW	SW	51.8	76.4	100.3	82.6	311.1	10	Ci.-S.	S.-Cu. W	8	A.-Cu. NW	S.-Cu.
12	W	Calm	W	W	Calm	NNW	42.8	62.3	60.7	13.5	179.3	9	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu. W
13	Calm	NNW	W	W	Calm	W	17.9	33.6	58.9	27.9	138.3	10	Ci.-S.	N. WNW	6	Ci.-S.	Cu.
14	W	N	SW	W	N	Calm	28	38.4	52.6	13.1	132.1	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
15	Calm	E	Calm	SW	N	Calm	15.6	25.4	44.5	24.7	110.2	9	Ci.-S.	N. SSE	8	Ci.-S.	Cu.
16	N	NNW	SSE	NE	E	Calm	30.6	32.2	30.1	11.6	104.5	4	Ci.	S.-Cu.	10	Ci.-S.	N. ENE
17	Calm	N	NE	W	NNW	N	16.9	37.2	35.6	17.7	107.4	2	Ci.	Cu.	9	Ci.-S.	CU.-N. ENE
18	N	NNW	SSE	W	E	N	22.3	40.5	30.4	17.7	110.9	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Cu.-N.
19	Calm	NNW	SSE	WNW	N	N	14.7	37.5	33.2	23.5	108.9	5	Ci.-S.	S.-Cu. E	9	Ci.-S.	Cu.-N. E
20	N	NNW	SSE	SW	N	N	26.8	41.5	47.3	23.8	139.4	0	------------	Cu.	5	Ci.-S.	Cu.-N.
21	N	N	SSE	NE	NNE	N	32.2	41.3	46.2	19.9	139.6	0	Ci.	Cu.	9	Ci.-S.	N. E
22	N	N	S	W	N	N	19.5	36.5	48.9	17.5	122.4	0	Ci.	Cu.	7	Ci.-S.	Cu.-N. NW
23	Calm	NNW	S	W	NE	Calm	24.6	34.8	44.5	16.6	120.5	3	Ci.	Cu.	6	Ci.-S.	Cu.-N. N
24	N	NNW	S	SW	N	N	29.2	36.2	38.4	23.8	127.6	0	Ci.	S.-Cu.	4	Ci.-S.	Cu.-N.
25	N	NNW	S	W	N	N	29	37.3	50.4	21.4	138.1	6	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N.
26	W	NNW	SW	SW	N	N	26.2	38.8	39.4	24.7	129.1	8	Ci.-S.	S.-Cu. W	7	Ci.-S.	Cu.-N.
27	N	NNW	S	S	NNW	N	31.4	38.9	33.8	29	133.1	2	Ci.	Cu.	7	Ci.-S.	Cu.-N.
28	NNW	NNW	SE	N	NNW	N	27.1	35.7	51	28.5	142.3	6	Ci.-S.	Cu.	10	Ci.-S.	Fr.-N.
29	N	NNW	SSE	Calm	N	N	27.4	35.4	38	24.3	125.1	0	------------	Cu.	9	Ci.-S.	Cu.-N. E
30	N	Calm	NE	WNW	Calm	Calm	24.9	40.7	46.9	12.4	124.9	4	Ci.-S.	Cu.	8	Ci.-S.	CU.-N. NNW
Mean	------	------	------	------	------	------	47.6	57.9	62.4	42.2	210.1	6.1	------------	------------	7.8	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	6,303.5	----	------------	------------	----	------------	------------

CALBAYOG.

[φ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.80 mm.]

OCTOBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.93	59.76	59.81	57.27	57.96	59.22	58.82	24.2	23.5	30.7	30.9	27.4	25.7	27.1	32.5	23.4	95	97	72	71	87	93	85.8	2.5
2	57.91	57.40	57.85	55.57	56.58	57.09	57.07	25	24.4	31.2	27.3	25.6	24.7	26.4	31.4	24.2	93	96	76	93	95	95	91.3	18.9
3	55.33	56.22	56.86	54.56	55.76	57.03	55.96	24.5	24	28.9	29.5	25.5	24.7	26.2	29.8	23.8	97	97	82	79	93	95	90.5	2
4	55.57	56.56	56.98	55.21	55.95	57.19	56.24	24.7	25.5	30.5	29.6	26.4	25.2	27	30.9	23.7	96	94	78	79	90	95	88.7	2.1
5	56.08	56.49	56.80	54.84	55.81	56.91	56.16	25.3	24.7	31.3	32.6	28.5	25.9	28	33.1	24.4	94	97	75	61	80	93	83.3	1.5
6	55.48	56.02	56.29	54.22	54.79	56.31	55.52	24.4	23.7	28.6	31.9	28.4	25.9	27.2	32.6	23.6	96	97	78	68	78	93	85	.8
7	55.04	55.45	56.10	54.25	55.35	56.58	55.46	25	24.1	29.4	30.3	26	25	26.6	30.8	24	95	97	78	70	91	94	87.5	25.6
8	55.36	56.06	57.14	55.06	55.99	56.54	56.02	24.8	24.7	28.1	30.4	26.4	24.8	26.5	30.7	24.3	97	97	79	74	89	95	88.5	4
9	56.14	56.25	57.81	55.73	56.61	57.95	56.75	24	23.6	28.2	31.5	28.2	25.5	26.8	32	23.4	97	97	80	70	79	95	86.3	10.7
10	57.65	58.34	58.86	56.81	58.61	59.72	58.33	23.7	23.3	29.8	30.5	24.8	24.3	26.1	31.5	23.1	97	97	75	74	92	95	88.3	10.7
11	59.16	60	60.34	58.48	59.76	60.60	59.72	24	24	29.8	30	26.5	25.7	26.7	32.3	23.6	97	97	75	72	91	94	87.7	1
12	59.52	59.88	60.41	57.95	58.59	58.52	59.14	24.7	23.9	25.8	26.4	26	24.7	25.2	31.3	23.8	96	97	95	90	94	96	94.7	44.5
13	57.45	57.78	58.57	55.97	56.58	57.87	57.37	24	23.6	26.6	27.2	23.6	23.6	24.8	31.1	23.2	97	97	87	87	94	95	92.8	40.2
14	56.94	57.43	58.33	56.34	57.50	58.66	57.53	22.9	22.6	29.6	29.6	27.3	24.8	26.1	30.9	22.3	96	97	75	77	87	94	87.7	.5
15	57.71	58.17	58.44	57.45	58.29	59.32	58.23	24	23.8	29.6	30	27.5	25	26.6	31.1	23.6	96	97	77	70	93	94	87.8	-----
16	58.61	58.78	59.14	56.91	58.46	59.57	58.58	24.6	23.9	29.6	34	26.2	24.3	27.1	34.4	23.6	95	97	72	59	85	96	84	1
17	58.44	58.41	59.05	56.97	57.46	58.61	58.16	23.3	23.1	29	27.8	26.8	24.9	25.8	33.4	22.8	97	97	81	86	91	94	91	1.1
18	57.63	58.29	58.60	56.26	57	58.56	57.72	23.9	23.3	32.4	32.8	27.8	25.2	27.6	34.8	23.1	96	97	63	72	76	93	82.8	-----
19	57.38	57.89	58.78	56.21	57.66	58.90	57.80	24.1	23.7	32.3	32.1	27.8	25.6	27.6	35.4	23.5	95	96	59	70	85	94	83.2	-----
20	58.13	58.67	58.85	56.91	57.48	58.80	58.14	25.1	24.5	32.4	28	25	24.2	26.5	33.8	24.2	96	96	65	83	94	95	88.2	34.6
21	57.82	57.79	58.38	56.11	56.06	57.78	57.32	24	23.1	30.2	29.1	25.4	24.8	26.1	30.8	22.9	97	97	74	78	93	95	89	33
22	55.68	56.32	56.04	53.20	52.16	51.08	54.08	23.7	23.5	24.4	24.5	24.4	24.9	24.2	25.2	23.3	97	97	96	95	95	94	95.7	176.7
23	49.48	50.49	53.02	51.75	52.78	54.31	51.97	24.9	25	26.4	25.1	27.3	27	26	27.6	24	95	96	82	95	84	86	89.7	38.8
24	53.61	54.11	54.58	53.17	54.06	55.50	54.17	26.9	26.1	29.7	30.5	28.1	26.1	27.9	32.4	25.2	86	91	77	74	82	89	83.2	-----
25	54.20	54.94	54.91	53.44	54.45	55.89	54.64	25.9	25.8	30.3	31	28.5	27.6	28.2	31.7	25	89	88	74	71	82	84	81.3	-----
26	54.76	56.03	56.59	54.64	55.51	57.05	55.76	26.7	24.3	30.3	33	28.6	26.2	28.2	33.5	24	88	95	80	69	80	90	83.7	2.5
27	55.83	56.05	56.99	54.70	55.47	56.32	55.89	25.8	26.2	29.5	30.2	28.1	27.9	28	31.3	25.2	92	90	76	75	81	82	82.7	.3
28	55.19	55.31	55.25	53.52	53.74	54.55	54.59	27.8	27.7	28.3	28.6	28.3	27.9	28.1	28.9	26.7	82	82	78	78	78	82	80	-----
29	53.75	54.35	55.84	53.83	54.95	57.01	54.96	28	27.9	28.8	29.4	28.7	27	28.3	30.2	25.9	82	82	78	79	81	86	81.3	-----
30	55.85	56.82	58.05	55.68	56.57	58.16	56.86	27.3	27.7	30.7	31.8	29	28	29.1	32.6	26.4	85	83	74	69	83	83	79.5	14.2
31	56.85	57.82	58.68	56.57	57.61	59.52	57.84	26.8	25.4	30.8	30.3	27.8	25.6	27.8	31.2	24.3	87	94	75	72	87	93	84.7	4.3
Mean	56.37	56.90	57.53	55.47	56.31	57.46	56.67	25	24.5	29.5	29.9	27	25.6	26.9	31.6	24	93.5	94.5	77	76.1	86.8	92	86.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	471.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NNE	NNE	N	Calm	17.9	38.6	39.7	13.9	110.1	7	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	S.-Cu. NNE
2	NNW	Calm	NNW	Calm	NW	N	23.5	34.3	22.5	25.2	105.5	10	Ci.-S.	S.-Cu. N	10	Ci.-S.	N. NNW
3	Calm	Calm	S	SW	N	N	12.7	25.4	31.1	18.7	87.9	7	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu.
4	NNE	SW	SW	SSW	SSW	N	25.1	59.3	72.1	25.1	181.6	10	Ci.-S.	S.-Cu. SW	8	Ci.-S.	S.-Cu. SW
5	W	Calm	WSW	W	NW	Calm	27.1	52.5	69.2	16.6	165.4	9	Ci.-S.	N. W	6	Ci.-S.	Cu. W
6	Calm	NNW	S	SW	Calm	N	18.5	32.2	41	22.3	114	5	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu. W
7	N	NNW	SSE	S	NNW	NNW	21.7	33.2	49.1	26.6	130.6	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
8	N	Calm	S	SSW	W	N	21.1	27.1	55.7	24.9	128.8	10	Ci.-S.	N. SSW	9	Ci.-S.	S.-Cu. SSW
9	N	NNW	S	SW	W	Calm	23.9	23.1	46.2	16.7	109.9	6	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. SW
10	N	N	S	SSE	NNW	N	25.9	39.9	50.2	24.9	140.9	6	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. ENE
11	N	NNW	S	S	N	Calm	33.5	43.5	40.8	13.1	130.9	5	A.-Cu. N	S.-Cu.	9	Ci.-S.	Cu.-N. ENE
12	N	NNW	N	W	Calm	N	14.8	29.6	28.4	16.4	89.2	6	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	N. NNE
13	Calm	NNW	NW	WNW	Calm	Calm	19	28.4	38.3	13.5	99.2	10	Ci.-S.	N.	10	Ci.-S.	N. NNE
14	N	NNW	S	SW	Calm	N	20.3	56.5	36	25.1	137.9	3	Ci.	S.-Cu.	7	Ci.-S. E	Cu.
15	NNE	N	SE	S	Calm	N	22.8	40.4	42.8	20.1	126.1	7	Ci.-S. NNE	S.-Cu.	9	Ci.-S.	Cu.-N.
16	N	NNW	S	W	Calm	N	22.3	36.7	48.9	20.6	128.5	4	Ci.	S.-Cu.	6	Ci.-S. NW	Cu.
17	N	N	S	NNW	Calm	Calm	33.3	38.6	24.6	15.6	112.1	0	------------	Cu.	8	Ci.-S.	Cu.-N.
18	Calm	NNW	NNE	W	N	N	15.9	35.6	48	22.3	121.8	0	------------	Cu.	6	Ci.-S.	Cu. NNE
19	N	N	NNE	S	Calm	N	23	49.1	44	15	121.1	0	------------	Cu.	5	Ci.	Cu. NE
20	N	N	NNE	N	N	N	20.3	42.1	48	20.9	131.3	5	Ci.-S.	S.-Cu. NE	8	Ci.-S.	Cu.-N. E
21	N	N	NE	N	N	Calm	28	28	31.1	20.4	107.5	0	Ci.	Cu.	10	Ci.-S.	N. NE
22	Calm	Calm	NW	WNW	W	WSW	20.3	32.8	71.1	200.8	325	10	Ci.-S.	N.	10	Ci.-S.	N. NW
23	WSW	SW	SSW	S	S	SSE	239.8	263.9	126.1	142.6	772.4	10	Ci.-S.	N. SW	10	Ci.-S.	N. SSW
24	SSE	SSE	SSE	SSE	SE	E	96	114.1	121.2	58.2	389.5	9	Ci.-S.	S.-Cu.	7	Ci.-S.	S.-cf. S
25	SE	SE	SE	SW	SSW	E	42.8	77.5	85.1	35.2	240.6	7	A.-Cu.	S.-Cu. S	7	A.-Cu.	S.-Cu. SW
26	SSW	NNE	SW	SW	SW	NW	30.3	32.4	61.2	29.5	153.4	7	Ci.-S.	S.-Cu. SW	7	Ci.-S.	Cu. SW
27	NW	WNW	W	WSW	WSW	WSW	30.9	72.4	91.7	84.5	279.5	8	Ci.-S.	S.-Cu. W	9	Ci.-S.	S.-Cu. W
28	WSW	WSW	WSW	WSW	SW	SW	116.7	144.5	144.2	135.8	541.2	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	S.-Cu. W
29	SW	SSW	SSW	SSW	SSW	S	198.2	142.1	133.9	144	618.2	10	Ci.-S.	S.-Cu. SW	8	Ci.-S.	S.-Cu. SW
30	S	SSE	SE	SE	SSW	SW	149.7	67.6	70.3	62.2	349.8	9	Ci.-S.	S.-Cu.	4	Ci.	Cu.
31	E	NE	SE	SSW	Calm	NE	18.5	48	27.2	26.2	119.9	9	Ci.-S.	S.-Cu.	8	Ci.-S. ESE	Cu.
Mean	------	------	------	------	------	------	45.6	57.7	59.3	43.1	205.8	6.6	------------	------------	8	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	6,379.8	----	------------	------------	----	------------	------------

CALBAYOG.

[φ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.80 mm.]

NOVEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.18	59.08	59.45	57.30	58.44	59.24	58.62	24	23.6	29.9	29.7	26.4	24.2	26.3	30.9	23.4	96	97	72	78	90	95	88	13.5
2	58.43	58.53	58.50	56.10	56.02	55.35	57.16	22.9	22.2	30	27.8	25.8	25.5	25.7	33.7	21.9	96	97	73	86	93	95	90	61.5
3	51.95	49.22	51.98	52.48	55.26	57.34	53.04	24.1	25.5	24.5	27	27.8	27.5	26.1	28.4	23.5	97	96	96	90	79	81	89.8	39.7
4	57.53	58.94	60.30	57.74	58.44	60.28	58.87	26.2	24.7	31	32.2	29.8	26.6	28.4	------	24.5	89	92	76	68	76	87	81.3	------
5	59.47	59.63	59.37	57.28	58.53	59.32	58.93	24.9	24.6	29.7	32	27.4	25.6	27.4	34.4	24.4	96	97	77	66	81	93	85	------
6	58.39	58.57	58.58	56.32	57.77	58.97	58.10	24.7	23.5	31.4	33.4	27.1	24.2	27.4	34.2	23.2	96	97	70	54	81	95	82.2	------
7	57.68	58.18	58.46	56.77	57.84	58.99	57.99	23.5	22.7	29.5	29.8	26.5	24.8	26.1	34.2	22.6	96	97	75	74	88	94	87.3	------
8	57.94	58.30	58.93	57.47	58.17	58.66	58.24	24	23.5	29.6	26.6	26.2	24.8	25.8	32.9	23.3	96	97	79	92	94	95	92.2	23.1
9	57.64	58.15	58.08	56.27	57.18	57.09	57.40	23.6	23.3	31.2	26.4	25	24.7	25.7	33.5	22.8	97	97	71	92	96	96	91.5	51.4
10	55.61	56.16	58.07	56.11	56.99	58.16	56.85	25.3	25.7	25	27.3	25.8	24.2	25.6	27.6	24.1	94	92	93	86	92	94	91.8	15
11	57.15	58.68	59.15	57.49	58.76	59.35	58.43	23.9	23.7	29.4	29.1	26.6	24.2	26.2	32.2	23.4	97	97	75	81	89	95	89	------
12	58.34	58.93	59.43	57.26	59.11	60.10	58.86	23.7	23.3	30.3	31.5	25.4	24	26.4	31.8	23	97	97	75	72	95	96	88.7	2.5
13	59.17	59.97	60.15	58.36	58.95	60.16	59.51	23.7	23.6	28.9	26.9	26.2	24.3	25.6	30.3	23.2	97	97	81	90	90	95	91.7	.5
14	59.22	60.52	60.93	59.52	60.04	60.96	60.20	22.9	22.7	30	26.6	25.3	23.6	25.2	30.3	22.5	97	97	77	84	93	95	90.5	24.6
15	59.96	60.54	60.81	58.68	59.15	59.86	59.83	22.4	22.7	27.7	28.4	25.7	24.2	25.2	31	21.7	97	97	87	85	91	95	92	10.4
16	58.67	59.11	59.54	57.40	58.41	59.16	58.72	23.7	23.6	28.5	28.1	27	24.7	25.9	32.3	23.1	97	97	83	86	88	94	90.8	5.4
17	57.84	58.65	59.25	56.95	58.01	59.50	58.37	23.9	22.7	28.3	28.8	25.6	24.6	25.6	29.8	22.6	96	97	79	82	90	95	89.8	19.8
18	58.85	59.86	60.67	59.10	59.55	60.93	59.83	23.3	23.7	27.9	31	26.2	22.8	25.8	31.9	22	97	96	78	56	79	96	83.7	------
19	59.54	60.12	60.73	58.50	59.85	60.81	59.92	21.3	20.5	28.9	31.4	26.9	23.6	25.4	32.8	20.4	96	98	71	51	76	96	81.3	------
20	59.42	59.99	60.85	58.02	58.62	59.61	59.42	21.9	21.6	30.5	32.6	26.9	24.5	26.3	33.5	20.7	96	96	66	56	83	94	81.8	3.8
21	58.57	58.93	59.41	56.80	57.64	58.57	58.32	23.4	22.7	30.4	31.7	26.5	24.7	26.6	32	22.6	95	97	69	64	86	94	84.2	9.1
22	57.13	57.25	58.36	56.16	57.36	58.60	57.48	24	23.2	29.9	26.5	25.8	24.6	25.7	32.3	23.1	96	97	73	88	92	95	90.2	20.1
23	57.35	57.97	58.28	55.97	56.63	57.92	57.35	23.9	23.7	28.5	27.6	25.7	24	25.6	31.7	23.6	97	96	79	83	91	96	90.3	1.3
24	56.90	56.98	57.55	55.87	56.58	57.03	56.82	23.5	22.7	29.4	28.2	26.8	25.2	26	31.9	22.6	97	97	79	91	90	94	91.3	8.9
25	56.09	56.68	57.36	54.72	56.31	57.09	56.38	23.9	23	29.4	30.7	25.7	24.2	26.2	31.2	22.9	96	97	81	72	93	95	89	3.5
26	55.69	56.18	56.78	55.35	56.48	57.64	56.35	23.6	23.1	30.1	27.1	25.1	24	25.5	30.9	22.9	97	97	75	86	96	95	91	10
27	56.20	57.41	58.01	55.34	56.05	57.82	56.80	23.4	23.1	29.4	31.1	26.4	24.9	26.4	32.4	22.9	96	97	79	77	92	94	89.2	3.8
28	56.81	57.74	57.76	55.99	57.13	58.34	57.30	24.1	23.3	30.6	33.1	26.2	24.7	27	33.5	22.9	96	97	72	71	93	94	87.2	13.2
29	57.28	57.97	58.71	56.95	58.31	58.76	58	24.2	23.7	30	27.2	25.8	25.2	26	31.2	23.4	96	97	77	87	93	94	90.7	12.7
30	57.67	58.59	59.21	57.21	58.52	59.52	58.45	24.1	23.3	28.1	29.6	26.2	23.9	25.9	30.6	23.2	96	97	82	77	89	95	89.3	.5
Mean	57.69	58.23	58.83	56.85	57.87	58.84	58.05	23.7	23.3	29.3	29.3	26.3	24.6	26.1	31.8	22.9	96.1	96.6	77.3	77.5	88.6	94.1	88.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	354.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NNW	S	NNW	NE	N	28.5	35.4	32.2	24.3	120.4	7	Ci.-S. NNE	S.-Cu.	8	Ci.-S.	Cu.-N.
2	N	NNW	NNE	NNW	N	NNW	23.6	44	59.7	49.3	176.6	4	Ci. NE	S.-Cu.	10	Ci.-S.	Cu.-N.
3	NW	WSW	SSW	S	S	SSE	120.2	310.1	204.2	108	742.5	10	Ci.-S.	N. W	10	Ci.-S.	N. SSW
4	SE	NE	SE	SW	SSE	NE	52.8	47.5	29.2	22.7	152.2	5	Ci.-S.	S.-Cu.	5	Ci.-S. NE	Cu.
5	N	N	S	W	N	Calm	27.2	42.8	54.2	17.4	141.6	0	Ci.	Cu.	7	Ci.-S.	Cu. ENE
6	Calm	N	NE	NNE	N	N	12.4	41.2	62	23.3	138.9	2	Ci.	Cu.	7	Ci.-S.	Cu. NE
7	N	N	SSE	NW	N	Calm	29.8	36.2	50.7	19.8	136.5	0	Ci.	Cu.	5	Ci.	Cu.-N. ENE
8	N	NNW	NE	Calm	NNW	Calm	23.6	35.4	26	10.8	95.8	0	Ci.	Cu.	9	Ci.-S.	N. NE
9	Calm	NNW	N	NNW	Calm	Calm	15.5	42.6	30.1	6.9	95.1	6	Ci.-S.	S.-Cu. N	10	Ci.-S.	N. NNW
10	WSW	SSW	SSE	SSE	NNE	N	62.8	109.4	68.4	18.8	259.4	10	Ci.-S.	N. SW	9	Ci.-S.	S.-Cu. S
11	NW	NNW	E	SE	N	N	22.5	39.1	37	22.5	121.1	9	Ci.-S.	S.-Cu. SE	8	Ci.-S.	Cu.-N. ENE
12	N	N	SSE	SW	NE	N	26.9	38.9	46.4	25.9	138.1	2	------------	S.-Cu.	6	Ci.-S.	Cu.-N. E
13	N	N	SE	NW	N	N	17.2	40.8	31.9	16.6	106.5	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. ENE
14	N	Calm	SSE	ENE	Calm	Calm	13.4	30.8	23.6	15.5	83.3	0	------------	Cu.	9	Ci.-S.	N. ENE
15	Calm	N	NE	NE	N	N	14.8	45.4	40.5	24.1	124.8	7	Ci.-S.	S.-Cu. NE	9	Ci.-S.	N. NE
16	N	Calm	SE	WNW	Calm	Calm	19.8	26.6	31.2	14.8	92.4	8	Ci.-S.	S.-Cu. NE	8	Ci.-S.	Cu.-N. NNE
17	N	N	S	NNW	N	NE	18.3	34	46.9	25.2	124.4	7	Ci.-S.	S.-Cu. NNE	9	Ci.-S.	Cu.-N. NE
18	NNE	Calm	NE	N	N	N	35.7	31.9	63.8	14	145.4	9	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu. N
19	N	N	NE	NNE	N	N	22.8	50.5	65	19.5	157.8	0	------------	Cu.	5	Ci.	Cu. NE
20	N	NNW	NE	NNE	N	N	19.5	53.9	51	13.9	138.3	0	Ci.	------------	6	Ci.	Cu. NE
21	Calm	Calm	NNE	NNE	Calm	Calm	13.9	38.4	56.6	8.9	117.8	8	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu. NE
22	Calm	N	N	NE	Calm	Calm	20.1	57.9	39.6	15.8	133.4	7	Ci.-S. NW	Cu.-N.	8	Ci.-S.	Cu.-N. NE
23	N	N	NE	NE	Calm	Calm	29.2	55.7	42.8	13.1	140.8	8	A.-Cu. NWbyN	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
24	Calm	NNW	S	NW	N	N	14.8	33.6	38.8	15	102.2	2	Ci.	Cu.	9	Ci.-S.	Cu.-N.
25	Calm	Calm	S	S	N	N	13.5	39.7	37.2	24.6	115	2	Ci.	Cu.	5	Ci. NW	Cu.-N.
26	N	N	SE	N	N	NNE	28.5	39.4	32.2	22.5	122.6	3	Ci.	S.-Cu.	10	Ci.-S.	Cu.-N. ENE
27	Calm	NNW	SSE	W	N	N	22.5	35.7	35.4	21.4	115	0	Ci.	S.-Cu.	5	Ci.	Cu.
28	N	N	NE	W	N	Calm	15.6	45.6	46.7	14.3	122.2	0	Ci.	S.-Cu.	6	Ci.	Cu. E
29	N	N	N	Calm	N	N	19	40	27.7	18.5	105.2	2	Ci.	Cu.	9	Ci.-S.	N. ENE
30	N	Calm	NE	NNE	N	Calm	11.8	48	53.3	9.2	122.3	0	Ci.	Cu.	8	Ci.-S.	S.-Cu. NE
Mean	------	------	------	------	------	------	26.5	52.4	48.8	21.9	149.6	4.2	------------	------------	7.8	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,487.6	----	------------	------------	----	------------	------------

CALBAYOG.

[φ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

DECEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.10	58.78	59.36	57.35	58.92	59.58	58.68	23.6	23.2	30.3	28.5	24.4	24	25.7	32.2	23.1	96	97	76	78	93	95	89.2	15.5
2	58.25	58.52	59.74	57.27	57.96	59.47	58.54	23.9	23.7	26.1	28.2	25.8	23.8	25.2	29.5	23.5	97	97	88	88	93	95	93	12.7
3	57.37	58.27	58.83	57.30	57.64	59.03	58.07	23.4	23.4	25.2	26.8	25.6	24.7	24.8	27.2	23.3	97	97	94	89	93	94	94	13.5
4	57.33	57.52	58.96	56.83	57.49	58.38	57.75	24	23.4	26.6	27.1	24.9	24.4	25.1	28.2	23.1	95	95	81	75	87	90	87.2	3.5
5	56.27	55.74	56.13	53.84	54.34	53.61	54.99	24.4	23.9	27.6	26.6	24.1	24	25.1	28.6	23.7	91	91	81	76	94	94	87.8	72.3
6	50.66	50.03	49.66	44.03	46.44	49.13	48.32	23.6	23.5	23.4	23.4	23	23.4	23.4	26.8	22.7	96	97	98	98	98	97	97.3	266.7
7	50.24	52.11	54.57	53.05	54.35	55.73	53.34	25.8	26.1	27.3	28.6	26.7	25.7	26.7	29.7	24.2?	88	85	83	77	87	93	85.5	-----
8	55.38	56.46	56.98	55.12	56.69	58.27	56.48	25	24.5	30.2	30.5	27.1	25.7	27.2	31.1	24.4	93	92	71	71	87	93	84.5	3.3
9	57.01	57.43	58.18	55.57	57.23	58.07	57.25	24.5	23.3	29.5	29.3	25.6	24.6	26.1	30	23.2	94	97	79	77	93	95	89.2	5.3
10	57.15	57.95	58.07	56.93	57.33	57.92	57.56	24.2	23.3	26.6	26.9	25.8	24.6	25.2	28.5	23.2	96	97	85	88	93	95	92.3	2.3
11	57.03	57.33	58.06	56.01	56.96	58.46	57.31	24	23.2	27.1	30	26.2	24.8	25.9	30.5	23	96	97	87	80	94	93	91.2	5.1
12	57	58.03	58.66	56.25	56.85	58.36	57.52	23.8	23.3	28.5	28.9	26.8	24.7	26	-----	22.9	97	97	83	76	89	94	89.3	-----
13	56.95	57.61	58.21	55.89	56.56	57.99	57.20	23.7	22.7	28.4	29.9	27.4	25	26.2	32.7?	22.5	97	97	80	77	85	95	88.5	-----
14	56.83	57.69	58.43	56.24	57.57	58.50	57.54	23.7	22.9	28.5	31.3	27.7	24.8	26.5	-----	22.8	96	97	84	71	82	95	87.5	7.1
15	56.98	58.30	58.90	56.63	57.77	58.94	57.92	23.7	22.8	28.9	31.7	27.3	25	26.6	32.1	22.7	97	98	78	64	88	94	86.5	-----
16	58.11	58.86	59.50	57.34	58.41	59.56	58.63	24	23.7	28.4	27.5	25.3	24	25.5	32	23.5	96	97	83	88	93	95	92	25.7
17	58.27	59.34	59.90	57.29	58.54	59.55	58.82	23.1	22.5	30	30.8	26.3	24	26.1	32.8	22.4	97	97	72	71	80	96	85.5	-----
18	58.40	58.87	59.97	57.76	58.77	59.80	58.93	22.9	23.2	27.4	29.9	25.5	24.5	25.6	30.7	22.8	97	97	86	73	93	94	90	6.1
19	58.68	59.17	59.90	58.42	59.16	60.07	59.23	24.2	24.1	28.8	24.7	24.4	23.9	25	29.1	23.7	95	95	79	92	94	95	91.7	23.3
20	59.81	60.32	61.37	59.02	59.85	60.60	60.16	23.7	23.4	26.7	27.2	25.5	24.1	25.1	27.7	23.2	97	97	88	81	91	94	91.3	14.5
21	60.22	59.66	60.84	58.35	59.86	60.03	59.83	24	23.9	28.9	31.3	24.4	23.7	26	31.7	23.4	95	95	81	73	95	96	89.2	46.2
22	58.49	59.01	60.16	58.15	59.06	59.80	59.11	23.3	23	25.3	27.5	24.6	24.5	24.7	27.8	22.8	97	97	91	84	92	92	92.2	36.6
23	58.50	59.27	60.66	58.68	59.67	60.37	59.52	23.8	23.5	24.2	25	23	22.9	23.7	25.3	22.4	95	94	94	92	95	96	94.3	40.6
24	58.87	59.25	60.30	57.91	59.37	59.70	59.23	23	23.4	25.7	27.4	24.8	24.2	24.8	27.7	22.4	97	97	93	84	92	94	92.8	23.9
25	58.54	58.43	59.42	56.85	58.49	58.75	58.41	23.9	23.8	26.3	24.7	24.4	24.6	24.6	26.5	23.4	96	96	90	95	96	96	94.8	12.1
26	57.80	58.88	59.34	57.09	57.94	58.29	58.22	24	24	27.6	25.8	25.2	24.7	25.2	28.6	23.6	97	98	87	93	96	94	94.2	14.5
27	57.32	57.80	57.70	55.61	57.27	57.33	57.17	24.5	23.9	27.6	26.6	24.6	24	25.2	27.8	23.7	96	97	91	94	97	96	95.2	39.2
28	56.30	57.28	57.78	55.35	56.90	57.96	56.93	23.9	23.8	28.9	29.6	27.5	25.5	26.5	-----	23.7	97	97	78	72	87	90	86.8	-----
29	56.81	57.74	58.14	56.23	57.69	58.89	57.58	24	23.3	29.1	28.5	27.5	26.5	26.5	-----	23.1	96	97	77	85	88	90	88.8	1.3
30	57.69	58.68	59.66	57.30	58.74	59.57	58.61	25.2	24.4	29.9	28.2	26.5	25	26.5	31.2	24.3	95	97	73	88	86	93	88.7	3.1
31	57.87	58.97	59.67	57	58.38	58.02	58.32	24	23.3	26.6	26.4	24.5	24.4	24.9	27.6	23.3	96	97	91	92	95	95	94.3	22.3
Mean	57.23	57.85	58.61	56.34	57.49	58.38	57.65	24	23.6	27.6	28	25.6	24.5	25.5	29.4	23.2	95.6	96	83.9	82	91.2	94.1	90.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	716.7

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.			
												Amount.	Form and direction.		Amount.	Form and direction.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.	
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*			
1	N	NNW	NNE	NNE	N	Calm	19.6	41.3	56.1	31.6	148.6	7	Ci.-S. E	S.-Cu.	9	Ci.-S.	S.-Cu. NE	
2	NNE	N	Calm	N	N	N	22.7	22	39.1	24.9	108.7	10	Ci.-S.	N. NE	9	Ci.-S.	S.-Cu. NE	
3	N	N	N	NE	N	N	17.4	31.6	34	25.4	108.4	10	Ci.-S.	Fr.-N.	10	Ci.-S.	N. NE	
4	NNE	N	N	NNE	Calm	N	20.3	50.7	41.5	11.6	124.1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.	
5	N	NNW	NNW	NNW	NW	WNW	35.4	72.2	68.9	62.8	239.3	10	Ci.-S.	S.-Cu. N	10	Ci.-S.	S.-Cu. N	
6	W	W	W	SW	SSW	SSW	95.6	135.5	351	337.9	920	10	-----	N. WNW	10	Ci.-S.	N. WSW	
7	SSW	S	SSE	SSE	SE	SE	210.6	137.8	97.1	63.3	508.8	10	Ci.-S.	N. S	8	Ci.-S.	S.-Cu. S	
8	SE	SE	SSE	SSE	N	N	61.7	34.1	39.4	28.7	163.9	8	A.-Cu. SE	S.-Cu.	4	Ci.-Cu.	Cu.	
9	N	N	SSE	S	NNW	N	21.7	39.6?	41.6?	23.1	126	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. ENE	
10	Calm	N	NNW	Calm	Calm	Calm	20.4	18.2	16.6	5.1	60.3	10	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	N. NE	
11	Calm	Calm	S	S	N	Calm	9.4	31.2	32.7	20.7	94	9	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu.	
12	N	N	SSE	S	Calm	N	19.6	37	34.3	23.5	114.4	7	Ci.-S.	S.-Cu. S	4	Ci. SE	Cu.	
13	N	N	S	SSW	Calm	N	25.9	38.8	40.5	17.1	122.3	2	Ci.	S.-Cu.	6	Ci. E	Cu.	
14	N	NNW	SW	SW	N	N	26.9	31.4	38.1	35.6	132	6	Ci.-S. ESE	S.-Cu.	5	Ci.	Cu.	
15	N	NNW	SSE	SW	N	Calm	21.5	38	39.1	16.7	115.3	7	Ci.-S. E	S.-Cu.	7	Ci.-S.	Cu.-N. ENE	
16	N	Calm	SE	SW	N	Calm	20.9	36.4	34.3	20.9	112.5	5	Ci.-S.	S.-Cu. ENE	8	Ci.-S.	Cu.-N. ENE	
17	N	NNW	NNE	W	N	N	24.9	42.1	44	26.8	137.8	3	Ci.	S.-Cu. E	5	Ci.	Cu. NNE	
18	N	N	NE	NNW	N	NNE	21.2	38.1	55.8	25.5	140.6	6	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu. NNE	
19	NNE	Calm	NNE	Calm	NNE	N	28.8	50.7	34.1	27.4	141	8	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	N.	
20	NNE	N	NE	NNE	Calm	N	36.4	42.9	48.9	16.1	144.3	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. NE	
21	NNE	NNE	NNE	W	N	NE	28.4	39.2	39.7	36.4	143.7	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. ENE	
22	NE	NE	NE	NNW	N	N	39.9	32.8	44.6	29.5	146.8	10	Ci.-S.	N.	10	Ci.-S.	S.-Cu. NE	
23	N	N	NNE	N	N	NNE	57.1	44.1	50.4	39.1	190.7	10	Ci.-S.	N. NE	10	Ci.-S.	N. NNE	
24	NNE	NNE	N	NNE	NE	NNE	23.9	58.2	58.4	26.9	167.4	10	Ci.-S.	N. NE	10	Ci.-S.	S.-Cu. NE	
25	Calm	NNE	NE	NNE	Calm	N	19.1	50.4	44.5	16.7	130.7	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N.	
26	N	Calm	NE	NNW	Calm	Calm	13.4	27.6	25.1	11.5	77.6	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE	
27	Calm	Calm	S	W	Calm	N	9.2	23.1	24.3	19.9	76.5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N. NNW	
28	N	N	S	S	Calm	N	25.2	41.2	34.8	16.9	118.1	8	A.-Cu. ESE	S.-Cu.	2	-----	Cu.	
29	N	N	S.	NNE	Calm	NNE	20.9	39.7	37.8	26.9	125.3	0	-----	S.-Cu.	7	Ci.-S.	Cu.-N. E	
30	Calm	Calm	NE	SSW	N	Calm	22	38.8	30	17.2	108	4	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N. N	
31	N	Calm	NE	Calm	N	Calm	12.3	22.7	17.9	11.9	64.8	9	Ci.-S.	S.-Cu.	10	Ci.-S.	N. NNE	
Mean	-----	-----	-----	-----	-----	-----	33.3	44.8	51.4	35.4	164.9	7.9	-----	-----	8.2	-----	-----	
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5,111.9	-----	-----	-----	-----	-----	-----	

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

JANUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	60.92	61.11	61.65	59.47	60.01	60.94	60.68	24.6	24.4	28.2	30.7	27.7	26.5	27	32	23.8	83	84	70	62	76	82	76.2	-----
2	60.36	61.12	61.59	60.42	60.26	61.17	60.82	25.9	25.5	27.2	25	26.4	25.9	26	28.3	24.2	85	88	78	93	85	87	86.	30
3	60.37	61	61.91	60.42	61.46	62.02	61.20	25.3	25	28.3	29.6	26.4	26.2	26.8	30.2	24.7	84	84	74	70	82	80	79	5.1
4	61.74	62.15	62.64	60.54	61.55	62.34	61.83	25	24.3	25.3	26.4	24.7	25.1	25.1	27.6	23.4	86	90	88	83	93	92	88.7	16.8
5	61.35	62.10	61.83	60.05	60.94	61.84	61.35	25.4	25	28.7	29.2	27.3	26.5	27	31.2	24.1	91	92	72	78	84	88	84.2	11.7
6	61.51	62.22	62.26	59.66	60.10	61.24	61.16	25.2	24.9	25.7	29.3	26.7	25.3	26.2	29.6	24.2	96	96	93	77	86	88	89.3	5.1
7	60.12	60.98	61.13	58.87	59.74	60.75	60.26	24	22	28.7	30.9	27.4	26.4	26.6	31.4	21.6	88	96	72	67	79	84	81	-----
8	60.24	60.80	61.23	59.35	60.14	61.52	60.55	24.3	23	28.8	31.6	26.9	24.9	26.6	32.2	22.6	88	95	76	65	80	92	82.7	7.4
9	60.54	61.31	62.14	60.48	60.92	62.35	61.29	24.8	25	25.7	28.1	26.3	25.1	25.8	28.4	24.2	92	92	88	76	82	91	86.8	6.5
10	61.51	62.06	63.97	61.45	61.86	62.70	62.26	25.7	25.5	28.1	29.4	26.6	25.5	26.8	29.9	24.5	85	84	77	69	79	84	79.7	-----
11	62	62.71	63.40	60.85	61.61	62.55	62.19	25.4	25	29.3	31.4	27.2	26.2	27.4	31.9	24.3	84	83	68	62	76	82	75.8	-----
12	61.58	62.36	62.75	60.88	61.85	63.42	62.14	24.2	22	28.9	29.7	25.9	25.1	26	30.9	21.3	82	91	61	54	72	71	71.8	-----
13	62.43	63.20	63.35	61.60	62.41	63.92	62.82	24.2	24.4	27.6	29.8	26.8	25.7	26.4	31.6	23.1	77	81	64	62	73	79	72.7	-----
14	63.05	63.35	63.68	61.85	62.19	63.60	62.95	25.4	25.5	27.9	29.8	26.6	25.6	26.8	30.6	23.2	80	80	67	58	71	76	72	-----
15	63.39	63.67	64.74	62.35	62.59	64.09	63.47	25.3	25.2	24.3	29.2	26.2	25.2	25.9	29.6	23.8	75	74	75	62	72	74	72	.8
16	63.13	63.86	64.51	63.34	63.59	64.60	63.84	24.9	25	27.7	29.4	26.4	25.5	26.5	30	24.6	74	74	62	60	71	77	69.7	-----
17	63.95	64.34	65.11	63.18	63.54	64.22	64.06	24.9	25.1	28	28.5	26.6	26	26.5	30.3	23.9	79	79	68	66	72	76	73.3	.5
18	63.55	64.05	64.33	62.79	62.59	63.56	63.48	25.4	25.5	26.4	30.3	26.7	26	26.7	31	24.2	80	80	80	61	77	77	75.8	1
19	62.46	62.45	62.92	60.74	61.09	62.36	62	24.8	24.4	27.4	29.7	27.4	25.9	26.6	31.2	24.3	83	83	70	63	73	81	75.5	-----
20	61.66	61.46	61.19	59.12	60.04	61.51	60.83	23.6	24.6	29.2	31.9	27.2	25.7	27	32.6	20.6	87	92	72	60	78	83	78.7	-----
21	60.61	61.55	61.90	60.02	60.61	61.90	61.10	25.4	25.3	29	31.7	27.6	26.4	27.6	32.6	24.7	83	82	67	63	79	85	76.5	-----
22	61.04	61.96	63	60.53	61.33	62.62	61.75	24.9	22.9	24.6	29.9	27	25.3	25.8	30.6	22.4	92	96	92	73	80	87	86.7	11
23	61.32	61.80	62.03	60.97	61.10	62.17	61.56	24.5	24.6	27.4	25.5	23.2	23.6	24.8	29.4	22.6	88	90	77	87	96	93	88.5	7.1
24	61.27	61.49	62.52	60.22	61.02	62.35	61.48	23.5	21	24.9	28.4	24.7	24	24.4	28.7	20.4	93	95	85	68	86	89	86	11.2
25	61.78	62.15	63.22	61.20	61.40	62.60	62.06	23.7	22.9	27.6	27.9	26.2	24.9	25.5	30	22.3	90	95	74	75	74	80	81.3	.8
26	62.18	62.36	62.84	60.99	61.14	62.35	61.98	24.6	24.7	26.9	29.7	26.2	24.4	26.1	30.4	23.5	82	83	77	68	82	87	79.8	2
27	61.36	61.55	62.11	59.94	60.41	61.70	61.18	24.4	24.3	28.6	30.9	27.3	25.5	26.8	31.2	23.6	87	87	67	59	78	83	76.8	.3
28	60.62	60.73	61.59	60.52	60.56	61.72	60.96	24.1	22.4	28.4	25.9	25.7	25.5	25.3	29.2	21.9	87	96	75	90	85	84	86.2	13.5
29	61.07	61.85	62.91	60.66	60.86	61.82	61.53	23.5	24.8	25.9	27.2	26.2	25.4	25.5	30.7	23.1	95	87	87	79	80	85	85.5	5.4
30	61.20	61.31	61.84	61.14	61.49	62.55	61.59	24.8	24.4	28.4	28.3	24.4	25.4	26	30.1	23.4	85	87	74	79	93	84	83.7	7.7
31	61.42	61.97	62.71	61.28	61.51	62.26	61.86	25	24.9	29.4	31	26.6	24.9	27	31.4	24.2	83	82	68	65	77	83	76.3	-----
Mean	61.60	62.10	62.68	60.80	61.29	62.41	61.81	24.7	24.3	27.5	29.2	26.4	25.5	26.3	30.5	23.3	85.3	87	74.8	69.5	79.7	83.4	79.9	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	143.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0–10			0–10		
1	N	NNE	NNE	NE	NE	NNE	63	86.9	56.8	67.6	274.3	1	Ci.	Cu.	2	-----	Cu. ENE
2	N	N	NNE	Calm	NE	NNE	79.5	79.4	59.5	89.9	308.3	6	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	Fr.-N. NE
3	N	N	NE	NNE	N	N	84	98	94.4	87.4	363.8	1	Ci.	Cu.	2	A.-Cu.	Cu. ENE
4	N	N	NNE	NE	NNE	N	92.8	89	102.7	71	355.5	10	Ci.-S.	Fr.-N. ENE	9	Ci.-S.	Fr.-N. ENE
5	N	N	ENE	ENE	NE	N	70.5	82.7	68.1	56.5	277.8	6	Ci.-S.	Fr.-N. ENE	6	A.-Cu.	Cu.-N. ENE
6	N	NE	ENE	NE	NE	Calm	44.3	53.1	76.1	15.5	189	10	-----	N.	7	A.-Cu. ESE	Cu.-N.
7	Calm	Calm	NE	E	ENE	Calm	5	20.6	51	36.4	113	0	-----	-----	2	-----	Cu.
8	Calm	Calm	NNE	E	NE	NE	1.4	44.1	74.3	84.2	204	1	-----	Cu.	2	-----	Cu.
9	N	NNE	NNE	NNE	NNE	NNE	89.5	102.4	128.7	123.1	443.7	8	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Fr.-N. NE
10	N	NNE	N	NNE	N	N	115.9	114.3	91.7	72.1	394	10	Ci.-S.	Fr.-N. ENE	4	Ci.-S.	Cu. ENE
11	NE	N	ENE	E	NE	NE	75.4	53.3	63	54.7	246.4	1	Ci.	Cu. ENE	2	-----	Cu.-N.
12	Calm	Calm	NE	NE	Calm	N	6.7	62	80.5	41.6	191	0	-----	-----	2	-----	Fr.-Cu. NE
13	N	NE	NNE	NNE	NNE	NNE	43.5	89.8	91.4	83.9	308.6	2	-----	Cu. NE	1	-----	Cu. ENE
14	NE	NNE	NNE	NNE	NE	NE	97.6	142.4	126.8	108.3	475.1	10	Ci.-S.	Fr.-Cu. NE	1	-----	Cu. NE
15	NE	NE	NNE	NNE	ENE	NE	140.3	158	134.9	135.7	568.9	2	Ci.	Cu. ENE	2	-----	Cu.-N. NE
16	NE	NE	NNE	NNE	NNE	NNE	142.2	159.5	115.3	104.8	521.8	2	Ci.	Cu. NE	4	Ci.	Cu. NE
17	N	NNE	N	NE	NE	NNE	80.5	-----	-----	-----	-----	3	Ci.	Cu.	5	-----	Fr.-Cu. NE
18	NE	NE	NNE	NE	NE	NE	-----	-----	-----	105.6	-----	4	Ci.	Fr.-N. ENE	3	-----	Cu.-N. NE
19	N	NNE	NNE	NE	NE	NNE	103.8	99.6	75.3	50.7	329.4	0	-----	-----	6	-----	Cu.-N. ENE
20	Calm	NNE	ENE	ENE	NE	NNE	9.2	60.2	76.6	76.1	222.1	1	-----	Cu.	2	-----	Cu.
21	NE	NE	NNE	E	NE	NNE	74.2	93	65	55.5	287.7	2	A.-Cu.	Cu.	6	A.-Cu. SE	Cu.-N.
22	Calm	Calm	Calm	NE	ENE	N	6.6	20.1	64.1	37.5	128.3	1	Ci.	Cu.	4	-----	Cu.-N. NE
23	Calm	Calm	NNE	NE	N	NE	22.3	50.4	64.9	38.6	176.2	3	-----	Fr.-Cu. ENE	10	Ci.-S.	N. ENE
24	Calm	Calm	N	NNE	N	NE	9.9	31.6	77.9	69.2	188.6	1	-----	Cu. ENE	3	-----	Cu.-N. ENE
25	N	Calm	NNE	NE	NNE	NNE	33.6	36.7	69	65.2	204.5	2	-----	Cu. NE	2	-----	Cu.-N. NE
26	N	NE	NNE	NE	NE	N	56.3	48.3	69.5	64.9	239	3	-----	Cu. NE	2	-----	Cu.-N.
27	N	E	NE	NE	NE	Calm	54.7	62	62.5	23.3	202.5	3	-----	Cu. E	1	-----	Cu.-N.
28	Calm	Calm	NE	Calm	Calm	NNE	6.6	29.2	40	54.1	129.9	2	-----	Cu. E	10	Ci.-S.	N. ENE
29	Calm	NE	ENE	NNE	NNE	NE	49.4	69.8	69.2	67.4	255.8	3	Ci.-S.	Cu. ENE	6	A.-Cu.	Cu.-N. ENE
30	N	N	NE	E	ENE	NE	55.8	87.9	100.8	73.2	317.7	2	-----	Cu. ENE	4	-----	Cu.-N. ENE
31	NE	NNE	NE	NE	NE	N	93.3	77.4	75	51.3	297	1	Ci.	Cu. ENE	2	Ci.	Cu.
Mean	-----	-----	-----	-----	-----	-----	60.3	75.9	80.2	68.8	283.2	3.3	-----	-----	4.2	-----	-----

LEGASPI.

[$\phi = 13° 09' N$; $\lambda = 123° 45' E$; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

FEBRUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.96	62.57	63.03	60.98	61.60	62.72	62.11	24	21.9	28.7	30.1	26.7	25	26.1	30.6	21.5	86	96	71	67	77	83	80	------
2	61.53	61.66	62.16	60.44	60.23	60.99	61.17	24.2	23.9	28.9	30.2	26.7	23.7	26.3	31.2	21.2	86	87	65	62	70	85	75.8	------
3	60.22	60.73	61.41	59.33	59.76	60.96	60.40	20.7	19.5	27.5	30.2	27.4	21.8	24.5	31.1	19.1	87	94	69	60	65	92	77.8	------
4	60.43	60.79	61.25	59.15	59.56	61.40	60.43	20.2	19.5	27.8	31.4	27.2	24.1	25	31.6	18.9	91	94	74	60	70	86	79.2	------
5	60.91	62.21	62.10	59.75	60.41	61.75	61.19	21.5	20.8	28.6	31.7	27.4	26.2	26	31.7	20.1	95	94	64	55	73	79	76.7	------
6	60.84	61.31	61.56	60.30	60.69	61.37	61.01	25.6	24.9	26.7	26.3	24.6	24.4	25.4	27.9	21	79	83	80	90	90	89	85.2	7.1
7	60.58	60.90	61.96	60.40	61.11	61.85	61.13	24.2	24.3	29	30.3	26.8	25.2	26.6	30.9	23.2	88	88	69	64	83	81	78.8	------
8	61.21	61.96	62.44	60.67	60.70	61.91	61.48	23.5	21	28.4	31.1	27.4	25.6	26.2	31.6	20.4	81	95	72	61	76	87	78.7	------
9	61.22	61.75	62.78	60.65	60.80	61.70	61.48	24.9	25	29.8	32.2	27.7	25.9	27.6	32.6	24.1	87	88	65	58	71	81	75	------
10	60.94	61.24	62.09	60.02	59.87	60.57	60.79	24.9	25	26.9	30	26.5	25.4	26.4	30.6	24.1	83	83	80	72	83	89	81.7	7.4
11	59.76	59.95	60.56	59.33	59.29	60.82	59.95	25.2	23.5	28.1	27.8	26.7	25.6	26.2	29.4	22.9	89	93	78	78	82	86	84.3	13
12	60.17	60.65	61	59.18	59.51	60.80	60.22	24.4	23.6	27.6	30.9	27.3	25.9	26.6	31.2	23.2	91	96	79	69	80	85	83.3	.3
13	60.26	60.85	61.96	60.37	60.04	61.27	60.79	24.7	25	30.2	31.6	26.7	25.6	27.3	31.8	24	89	88	63	60	74	78	75.3	------
14	60.70	61.26	63.01	61.38	61.96	62.99	61.88	25.1	24.4	29.9	31	27	26.6	27.3	31.4	23.5	76	80	60	59	77	75	71.2	------
15	62.25	62.87	63.56	61.72	61.85	63.12	62.56	26	26.3	28.4	30.4	27.4	24.1	27.1	32.4	23.4	78	82	70	62	68	83	73.8	------
16	62.51	62.60	63.05	61.10	61.51	62.45	62.20	24.5	25	29.4	30.6	27.9	24.9	27	31.6	23.8	87	83	65	61	69	83	74.7	------
17	61.65	61.96	62.99	61.22	60.85	61.88	61.76	24.4	24.2	29.4	31.8	26.7	20.9	26.2	32.2	20	86	86	61	51	65	90	73.2	------
18	60.97	61.66	62.94	61.09	61.39	62.67	61.79	19.6	19.2	28.7	31.7	27.2	23.8	25	31.8	18.3	91	94	64	54	68	85	76	------
19	61.91	62.64	63.50	61.32	61.63	62.32	62.22	20.6	19.3	28.4	31.4	26.9	24.3	25.2	32.2	18.8	94	94	67	62	77	84	79.7	------
20	61.68	61.94	62.94	60.93	61.24	62.56	61.88	20.5	20.9	28.6	31.3	26.5	24.4	25.4	31.8	20.2	94	93	64	57	74	83	77.5	------
21	61.96	62.37	63.06	61.23	61.28	62.32	62.04	23.2	22.5	29.7	30.8	27.1	24.9	26.4	31.9	21.8	89	91	69	66	75	85	79.2	.5
22	61.75	62.10	63.46	61.04	61.36	62.59	62.05	23.9	21.5	25.4	29.4	24.3	25.1	24.9	31.1	20.7	79	95	84	63	85	88	82.3	3.3
23	61.87	61.95	63.03	61.12	61.13	62.56	61.94	24.8	25	30.2	31.7	27.4	25.5	27.4	31.7	24.2	86	88	65	59	73	82	75.5	------
24	62.09	62.75	63	60.85	61.14	62.52	62.06	25.2	25	29.6	31.9	27.4	26.4	27.6	32.4	24.2	83	84	66	56	72	76	72.8	5.6
25	61.89	62.83	63.41	60.93	60.78	62.35	62.03	25.4	23.4	29.7	31.3	27.4	26	27.2	31.6	22.7	79	89	68	63	77	83	76.5	.8
26	61.37	62.55	62.89	60.78	60.80	62.12	61.75	25.1	24.9	30.4	31.5	27.4	25.5	27.5	32.1	24.3	83	83	61	58	73	79	72.8	------
27	61.07	61.39	61.96	60.75	60.35	61.71	61.20	24.9	25.4	29.4	30.7	26.3	25.8	27.1	32.5	24.3	81	80	70	65	80	82	76.3	------
28	60.81	61.82	62.88	61.40	60.77	62.07	61.62	25.6	25.5	29	25.5	26.4	25.6	26.3	29.6	23.3	82	86	69	76	73	76	77	7.4
Mean	61.23	61.76	62.50	60.62	60.77	61.94	61.47	23.8	23.2	28.7	30.5	26.9	24.9	26.4	31.4	22	85.7	88.8	69	63.1	75	83.4	77.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	45.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	Calm	NNE	NE	NNE	N	-----	56.3	80.5	53.7	-------	0	------------	------------	1	------------	Cu.
2	N	NE	NNE	NE	ENE	Calm	41.2	54.1	73	23.1	191.4	1	------------	Cu. E	1	------------	Cu.-N.
3	Calm	Calm	NNE	NE	ENE	Calm	5.8	27.4	53.1	11	97.3	0	------------	------------	1	------------	Cu.
4	Calm	Calm	NE	ENE	E	Calm	9.1	27.9	66.5	24.6	128.1	0	------------	------------	1	------------	Cu.
5	Calm	Calm	NNE	E	ENE	NE	3	39.7	68.2	65.5	176.4	0	------------	------------	1	------------	Cu.
6	N	Calm	NNE	ENE	NNE	NNE	34	63.6	75	55.2	227.8	9	Ci.-S.	Fr.-N. ENE	9	Ci.-S.	N. ENE
7	Calm	ENE	E	ENE	NE	Calm	43.3	59.5	86.1	34	222.9	3	------------	Fr.-Cu. ENE	1	------------	Cu.
8	Calm	Calm	NNE	NE	NE	NE	6.4	22.5	67.6	55.2	151.7	1	Ci.	------------	2	Ci.	Cu.
9	Calm	N	ENE	ENE	ENE	NE	41	71.9	74.8	52.6	240.3	2	------------	Cu. ENE	2	------------	Cu.-N.
10	Calm	N	NNE	ENE	ENE	ENE	42.3	38.4	70.2	60.7	211.6	3	Ci.	Cu. ENE	7	Ci.-S.	Cu.-N. ENE
11	NE	Calm	NNE	NNE	ENE	Calm	35.6	43.3	64.1	53.6	196.6	3	Ci.	Cu. E	5	Ci.-S.	Cu.-N. E
12	E	Calm	NE	NE	ENE	NE	36.2	44.9	73	62.8	216.6	9	Ci.-S.	N. E	3	------------	Cu.-N. ENE
13	N	Calm	ENE	ENE	NE	NE	-----	80.7	-----	80.2	-------	9	Ci.-S.	Fr.-N. ENE	2	------------	Cu.
14	N	NNE	E	ENE	NE	NE	43.3	-----	81.8	93.6	-------	1	Ci.	Cu.	1	------------	Cu.
15	N	ENE	SE	NE	NE	Calm	88.5	-----	91.9	37.6	-------	5	------------	Cu. E	5	A.-Cu.	Cu.-N. ENE
16	NE	NNE	NNE	NE	NE	Calm	-----	-----	86.7	35.1	-------	1	------------	Cu.	3	------------	Cu.-N. ENE
17	Calm	N	NE	ENE	ENE	Calm	16.1	59.8	63.4	15.1	154.4	1	------------	Cu.	1	------------	Cu.
18	Calm	Calm	NE	ENE	NE	Calm	3.7	50.4	69.2	29.5	152.8	0	------------	------------	1	------------	Cu.
19	Calm	Calm	NE	ENE	ENE	NE	3	30	69.7	39.1	141.8	0	------------	------------	2	------------	Cu.-N.
20	Calm	Calm	NE	ENE	ENE	Calm	12.7	47.2	85.9	52.1	197.9	1	------------	Cu.	1	------------	Cu.
21	N	Calm	NE	ESE	E	N	30	63.1	79.2	43	215.3	1	Ci.	Cu.	1	------------	Cu. ENE
22	NE	Calm	NNE	NE	Calm	NE	24.3	45.7	69.8	49.4	189.2	1	------------	Cu. ENE	4	Ci.-S.	Cu.-N. ENE
23	E	NE	NE	ENE	NE	NNE	52	75.1	73.8	58.2	259.1	5	------------	Cu.-N. ENE	6	A.-Cu. ENE	Cu.-N.
24	NE	N	NE	ENE	NE	NE	56.1	75.9	83.4	87.5	302.9	1	------------	Cu.	1	------------	Cu.
25	NE	N	NE	E	E	NE	78.1	86.9	85	77.4	327.4	6	Ci.-S.	Cu.-N. E	1	------------	Cu.-N. ENE
26	N	NE	SE	E	ENE	NE	61	62.5	90.4	60.4	274.3	1	A.-Cu.	Cu. E	1	A.-Cu.	Cu.-N.
27	N	NNE	ENE	E	NNE	N	48.6	71.9	73.2	63.9	257.6	2	A.-Cu.	Cu.	7	A.-Cu. E	Cu.
28	N	N	NE	NE	NE	NE	55.3	85.1	118.3	102.4	361.1	7	A.-Cu. NE	Cu.	9	Ci.-S.	Cu.-N. NE
Mean	------	------	------	------	------	------	34.8	55.4	76.8	52.7	212.8	2.6	------------	------------	2.9	------------	------------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

MARCH, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1	60.82	61.47	62.95	60.67	60.51	62.87	61.55	23.8	24.4	27.9	31.9	27.3	25.8	26.8	31.9	22.8	85	81	74	54	70	78	73.7	------
2	61.99	62.71	63.84	61.22	61.61	63.32	62.45	25.2	25	29.8	29.2	27.4	25.6	27	31.8	24.3	81	81	65	66	73	80	74.3	------
3	62.01	62.77	63.59	61.54	61.88	63.25	62.51	25.7	25.6	30.4	32.2	27.9	26.4	28	32.6	25.1	83	83	65	58	74	81	74	1
4	62.75	63.77	64.64	62.63	62.68	63.95	63.40	25.2	23	25.9	29.9	27.3	25.8	26.2	30.6	22.3	83	87	82	68	76	84	80	.8
5	62.60	63.40	63.64	61.98	62.44	63.27	62.89	25.3	25	30.2	29.7	26.7	25.5	27.1	31.7	23.3	86	88	67	67	77	83	78	5.3
6	62.71	62.85	62.88	61.37	61.36	62.59	62.29	25.3	25.5	29.8	31.3	27.5	26	27.6	31.8	23.6	83	83	67	62	74	82	75.2	.8
7	61.61	61.91	62.89	61.13	61.38	62.85	61.96	25.1	24.9	30.4	32	27.6	26.5	27.8	32.4	24	86	87	68	63	77	81	77	------
8	62.05	62.87	63.14	61.65	62.45	64.25	62.74	25.9	25.6	30.7	32.2	28	26.6	28.2	32.6	24.8	84	85	67	61	75	84	76	------
9	62.66	63.37	63.89	61.68	62.09	63.50	62.86	25.9	25.6	28.4	32.2	28.2	27.1	27.9	33.2	24.8	82	83	70	57	69	74	72.5	------
10	62.40	63.24	63.99	61.87	61.91	63.60	62.84	26.4	24	28.3	31.3	27.9	26.5	27.4	31.8	23.4	76	87	70	63	74	82	75.3	6.3
11	62.71	63.10	63.44	60.94	60.61	62.20	62.17	24.8	23.5	29.6	31.7	27.5	26.6	27.3	32.2	22.8	87	95	69	60	78	83	78.7	------
12	60.41	61.42	61.88	59.28	59.10	60.57	60.44	25.8	25.5	29.4	31.4	28.3	25.2	27.6	31.9	23.6	87	88	68	64	74	87	78	------
13	60.15	61.46	61.91	59.88	59.95	61.51	60.81	22.7	21.5	28.7	31.9	27.9	25.4	26.4	32.7	21.2	94	95	74	62	74	87	81	------
14	60.70	61.66	62.55	60.33	61.19	62.45	61.48	23.4	22.9	30.5	32.6	26.5	26.5	27.1	32.9	21.3	90	96	63	62	77	85	78.8	------
15	61.65	62.08	62.40	60.93	61.57	62.67	61.88	24.3	24	30.4	31.4	24.7	24.1	26.5	33.1	22.3	88	91	63	60	89	93	80.7	1.3
16	61.74	61.95	62.52	60.52	60.30	62.02	61.51	24.6	24.3	27.4	26.8	24.7	24.9	25.4	28.4	23.5	92	93	79	86	92	92	89	17.2
17	60.82	61.60	62.40	60.14	59.79	61.82	61.10	24.3	24	26.3	30.4	28.4	26.4	26.6	31.2	23.3	95	95	83	66	73	85	82.8	19.3
18	61.14	62.07	62.57	61.51	62.22	63.40	62.15	25.2	25.9	29.7	27.2	25.4	25.2	26.4	31.1	23.7	92	88	69	77	82	82	81.7	.5
19	62.33	63.20	63.75	62.08	62.10	64.06	62.92	25.1	24.6	28.9	30.7	27.2	25.9	27.1	31.7	24.4	80	82	64	63	70	78	72.8	------
20	62.77	62.83	63.23	61.44	60.94	62.56	62.30	25.3	25	28.7	30	26.7	25.3	26.8	31.4	24.5	79	80	66	65	78	84	75.3	.3
21	61.62	62.01	63.12	60.89	61.09	62.25	61.83	24	23.6	27.1	30.1	27	26.4	26.4	31.3	22.9	89	91	79	68	77	78	80.3	1
22	61.10	61.32	62.15	60.18	60.73	62.45	61.32	25.9	26	30.1	31.9	27.9	26.4	28	32.4	25.5	79	80	61	57	70	79	71	------
23	61.65	62.07	62.30	60.15	60.90	62.75	61.64	25.5	25	29.7	31.9	27.7	26	27.7	33	24.3	84	86	69	60	74	85	76.3	------
24	61.65	62.76	62.99	60.75	60.99	62.49	61.94	25.8	25.9	30.2	31.2	27.9	26.4	27.9	33.1	25.4	84	85	72	69	79	85	79	------
25	61.06	62.22	62.49	59.92	59.95	61.20	61.14	25.9	24.1	30.3	32.4	27.7	26.1	27.8	33	23.3	85	92	66	62	73	83	76.8	------
26	60.20	60.74	61.56	59.92	59.91	61.90	60.70	25.4	25	29.6	32.3	28.1	26.7	27.8	33	24.3	86	88	70	61	75	81	76.8	------
27	60.37	61.19	62.36	60.69	60.75	62.61	61.33	26	25.7	27.7	28.3	27.3	26.3	26.9	30.1	25.5	85	86	73	77	79	85	80.8	1.5
28	61.65	62.16	63.36	61.34	61.36	62.60	62.08	26	25.9	30	31.4	27.5	26.5	27.9	32.2	25.6	84	84	69	66	78	80	76.8	------
29	61.55	61.94	62.84	60.94	60.98	62.75	61.83	26.1	25.8	29.4	30.9	28.6	26.9	28	31.6	25.2	80	81	64	60	71	81	72.8	------
30	61.55	61.85	62.79	60.48	61.06	62.74	61.74	26.6	26.5	30.9	32.4	28.4	26.9	28.6	33.2	25.9	82	82	69	66	75	84	76.3	------
31	60.55	61.12	62.06	60.13	60.16	61.98	61	26.5	26.2	29.6	32.4	28.4	26.9	28.3	33.6	25.2	86	86	71	66	77	85	78.5	------
Mean	61.58	62.23	62.91	60.91	61.10	62.66	61.90	25.3	24.8	29.2	31	27.4	26.1	27.3	32	23.9	85.1	86.7	69.5	64.4	75.9	82.9	77.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	55.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NNE	NE	NE	NNE	76.6	81.8	92.2	75.4	326	2	------	Cu. ENE	1	------	Cu.-N.ENE
2	NE	N	NNE	NNE	E	ENE	62.8	71.3	81.6	75.9	291.6	1	Ci.	Cu.	2	------	Cu.-N.
3	NE	NE	ENE	NNE	ENE	NE	82.7	80.5	89.1	76.4	328.7	1	------	Cu. E	2	------	Cu.-N.
4	NE	NE	NNE	NNE	E	N	64.4	63.8	52.9	59.5	240.6	10	Ci.-S.	N. NE	8	Ci.-S.	Cu.-N.
5	N	N	E	NNE	NNE	NE	61.7	63.6	83.2	64.2	272.7	1	Ci.	Cu.	5	A.-Cu. ENE	Cu.-N.
6	N	NE	ENE	ENE	NE	N	62	74.8	86.3	54.2	277.3	1	------	Cu.	1	------	Cu.
7	N	Calm	NE	NE	E	N	34.3	66.6	80.5	58.2	239.6	4	------	Cu.-N. ENE	1	------	Cu.
8	N	N	NE	E	NE	NE	42.4	70	94.1	88.2	294.7	1	------	Cu. ENE	1	------	Cu.-N.NNE
9	NE	NNE	NNE	E	NNE	NE	86.6	90.7	88.5	86.3	352.1	9	Ci.-S.	Fr.-N. ENE	1	------	Cu. ENE
10	NE	Calm	NNE	NE	NE	NE	------	------	69.5	53.1	------	5	------	Cu.-N. ENE	3	A.-Cu.ESE	Cu.-N.
11	E	Calm	NNE	E	NE	NE	------	------	85.5	65.2?	------	3	A.-Cu.	Cu.	4	Ci. E	Cu.
12	E	NE	NE	NE	E	Calm	50.7?	55.5	86.1	43.5	235.8	1	Ci.	Cu. E	1	A.-Cu. S	Cu.
13	Calm	Calm	NNE	E	NE	Calm	11.3	34.6	64.9	27.2	138	4	Ci.	Cu.	6	Ci.	Cu.-N. SW
14	Calm	NNW	S	E	N	N	15.9	53.9	66.6	50.7	187.1	1	A.-Cu.	Cu.	2	Ci.	Cu.
15	NW	Calm	ENE	NE	N	N	15.8	38.9	81	69.4	205.1	6	Ci.-S.	N. WNW	3	A.-Cu. NE	Cu.
16	N	N	NNE	NE	NNE	NE	72.2	69.4	80.2	72.7	294.5	8	Ci.-S.	N. ENE	5	Ci.-S.	N. ENE
17	N	Calm	W	ENE	NE	Calm	40.5	24.4	49.3	25.7	139.9	10	------	N.	2	------	Cu.-N.
18	N	NE	E	N	NNE	NNE	33.2	65.4	104.8	71.4	274.8	4	A.-Cu.NNE	Cu.	8	Ci.-S.	Fr.-N.NE
19	E	NNE	ENE	ENE	NE	NE	81.9	81.9	73.4	84.8	322	3	Ci. SW	Cu. NE	5	A.-Cu. NE	Cu.-N.
20	NE	N	NE	ENE	ENE	NNE	67.3	75.6	85.6	70.3	298.8	8	Ci.-S.	Cu. ENE	9	Ci.-S.	Cu.
21	NE	NE	NE	ENE	ENE	NE	77.9	47.3	------	------	------	9	Ci.-S.	Fr.-N. E	8	A.-Cu. W	Cu.
22	NNE	ENE	E	E	NE	NNE	------	------	86.7	75.9	------	4	------	Cu.-N. E	1	------	Cu.-N.
23	N	N	NNE	ENE	NNE	N	54.7	76.2	73.7	57.7	262.3	5	Ci.	Cu. E	1	------	Cu.-N.
24	NE	NE	NNE	ENE	E	NE	69.2	66.6	85.9	60.6	282.3	3	A.-Cu. ENE	Cu.	2	A.-Cu. ENE	Cu.-N.
25	E	Calm	E	E	NNE	NNE	39.6	53.9	79.5	76.9	249.9	1	Ci.	Cu.	1	------	Cu.
26	NE	NNE	ENE	E	NE	NE	67.9	65	88.5	75.9	297.3	0	------	------	1	------	Cu.
27	NE	NNE	NNE	NE	NE	NNE	69.4	77.5	114	120.1	381	1	Ci.	Cu.	4	------	Cu.-N. E
28	NE	NE	NE	ENE	NE	NE	122.3	115.9	104.1	83.9	426.2	7	A.-Cu.	Cu.-N. E	3	------	Fr.-Cu.ENE
29	NE	NNE	NE	NE	NNE	NNE	87.5	87.5	59.5	55.3	289.8	7	A.-Cu. S	Cu.	7	Ci.-S.	Cu.-N.
30	N	NNE	NNE	E	NE	NE	53.1	65.8	89.6	70	278.5	7	A.-Cu.	Cu. E	5	Ci.	Cu.-N.
31	NE	NNE	NNE	NE	NNE	N	69.7	52.6	61.2	66.2	249.7	1	------	Cu. ENE	4	A.-Cu.ESE	Cu.-N.
Mean	------	------	------	------	------	------	59.8	66.8	81.3	67.2	275.4	4.1	------	------	3.5	------	------

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.77 mm.]

APRIL, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.65	61.04	61.90	59.51	58.79	60.76	60.44	26.1	25.3	30.7	32.4	28.4	27.6	28.4	33.6	25.1	85	89	72	64	76	80	77.7	------
2	59.67	60.26	61.04	59.49	59.29	60.73	60.08	27	24.5	30.7	32.6	28.7	27.4	28.5	33	24.2	82	92	68	66	78	82	78	------
3	60.19	60.76	62.02	60.08	59.89	61.41	60.72	26.5	26	31.1	32.6	28.3	27.4	28.6	33.4	25.2	86	84	65	66	77	81	76.5	------
4	60.29	61.17	61.62	59.73	60.03	61.93	60.80	26.9	23.5	31.2	33.2	29.2	27.8	28.6	33.4	23.3	78	95	69	66	78	84	78.3	------
5	60.81	61.77	62.34	60.32	60.64	62.55	61.40	27	25.6	29.7	32.2	28.2	27	28.3	33.2	25.2	84	87	72	60	82	87	78.7	------
6	61.76	62.86	63.30	60.78	60.89	62.39	62	25.9	21.5	30.2	32.6	28.7	27.1	27.7	32.8	21.1	83	94	56	54	71	81	73.2	------
7	61.29	62.14	62.68	60.42	60.60	62.83	61.66	23.8	20.9	30.7	32.9	28.9	26.8	27.3	33.6	20.5	87	91	61	58	74	84	75.8	------
8	61.69	62	62.62	60.28	60.74	62.55	61.65	26.5	26.4	31.9	32.6	29.2	26.6	28.9	33.6	25.6	86	86	61	61	74	85	75.5	------
9	61.65	61.85	62.50	60.69	60.84	62.55	61.68	26.5	26.4	30.7	32.6	28.8	27.4	28.7	33.1	25.7	85	85	68	64	76	84	77	------
10	61.49	61.59	62.51	60.90	60.56	62.54	61.60	27.1	26.9	28.2	32	27.7	26.7	28.1	32.6	25.9	84	86	82	67	83	87	81.5	3.6
11	61.11	61.16	61.55	59.62	60.70	61.80	60.99	26.2	25.7	29.9	31.8	28.2	27.1	28.2	32.4	25.2	84	82	71	64	77	81	76.5	------
12	60.84	61.06	61.74	60.25	60.09	62.20	61.03	26.4	25.6	29.4	32.4	29.2	27.3	28.4	33.6	25.2	83	88	74	66	76	85	78.7	------
13	61.84	61.70	62.68	61.09	61.14	62.83	61.88	27	26.9	32.1	32.9	28.7	27.4	29.2	33.2	25.9	85	86	63	65	80	82	76.8	------
14	61.55	61.36	62.28	60.53	60.29	61.85	61.31	26.6	26.2	31.3	33.1	29.2	26.9	28.9	34.1	25.9	86	87	61	55	71	80	73.3	3.3
15	60.34	60.86	61.19	59.45	59.59	60.98	60.40	26.3	26	29.7	32.4	28.9	27.1	28.4	33.1	25.2	82	84	73	67	77	83	77.7	------
16	59.95	60.15	60.74	58.84	59	60.43	59.85	26.8	26.4	31.1	32.9	28.7	27.3	28.9	33.4	25.8	84	85	64	59	74	81	74.5	------
17	59.67	59.25	59.52	57.57	57.51	59.60	58.85	26.4	26	30.9	32.6	28.8	27.2	28.6	33.7	25.9	86	87	65	61	71	80	75	------
18	58.69	59.08	60.22	58.49	58.80	60.18	59.24	26.3	23.9	31.1	32.4	29.1	27.5	28.4	33.6	23.6	82	91	72	68	75	83	78.5	------
19	59.24	60.04	60.60	59.12	59.39	61.23	59.94	26.6	26.4	31.9	33.7	29.7	27.4	29.3	34	26	86	86	65	60	69	81	74.5	------
20	60.66	60.84	61.89	60.02	60.18	61.48	60.84	26.7	26.4	25.3	31.4	28.9	27.4	27.7	31.6	24.8	85	86	93	66	76	83	81.5	9.1
21	60.56	61.25	61.26	59.11	59.19	60.83	60.37	27.1	26.4	29.4	32.8	28.7	27.4	28.6	33.2	25.8	83	85	76	61	75	81	76.8	8.1
22	59.97	60.76	61.19	59.46	59.60	61.34	60.39	26.3	25.9	29.4	28.7	28.1	27.3	27.6	31.1	24.7	87	89	80	83	78	81	83	9.9
23	60.05	60.59	61.20	60.10	59.99	61.95	60.65	27	26.5	28.7	31.9	28.7	27.2	28.3	33	24.7	82	85	77	63	74	80	76.8	------
24	61.09	61.14	61.49	60.05	59.94	61.45	60.86	26.7	26.4	29.7	31.9	28.4	26.9	28.3	33.6	25.7	77	77	63	61	75	75	71.3	------
25	60.27	60.76	61.25	59.65	59.30	60.80	60.34	26.2	26	30	29.1	27.9	26	27.5	33.8	25.4	78	78	65	71	77	89	76.3	4.1
26	59.79	60.17	60.74	59.12	58.95	60.33	59.85	25.9	26.4	30.3	32.2	28.7	27.2	28.4	32.6	25.1	88	86	70	63	79	84	78.3	11.4
27	59.52	59.81	59.88	58.22	58.49	60.09	59.34	26.6	25.4	30.6	30.4	28.7	26.9	28.1	32.2	24.7	86	93	70	70	72	83	79	8.6
28	59.10	59.37	60.15	58.69	58.93	60.30	59.42	26.6	26	30.9	33.2	29.7	27.9	29	34.1	25.7	83	86	67	62	71	81	75	------
29	59.49	59.60	59.59	57.29	57.77	60.20	58.99	27.3	23.9	31.2	33.2	29.9	27.8	28.9	33.6	23.8	82	92	70	66	75	84	78.2	------
30	59.40	59.04	59.83	57.99	58.04	59.88	59.03	26.5	25.4	31.7	33.6	29.7	28	29.2	34.6	25.3	86	90	64	61	75	83	76.5	------
Mean	60.42	60.78	61.38	59.56	59.64	61.33	60.52	26.5	25.5	30.3	32.3	28.8	27.2	28.4	33.2	24.9	83.8	87.1	69.2	63.9	75.5	82.5	77	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	Calm	NNE	E	ENE	NE	48.9	46.1	79.4	82.4	256.8	0	------	------	1	------	Cu.
2	E	Calm	NE	ENE	NNE	NE	41.2	49.4	88.2	89.8	268.6	0	------	------	1	------	Cu.
3	NE	E	ENE	ENE	E	ENE	74.5	61.5	81.6	69.5	287.1	2	Ci.	Cu.	1	------	Cu.
4	E	Calm	NNE	ENE	NNE	NNE	31.7	38.4	71.9	68.4	210.4	0	------	------	1	------	Cu.
5	E	Calm	NNE	E	ENE	NE	48.6	44.5	88.5	------	------	1	------	Cu.	1	------	Cu.
6	E	Calm	NNE	NNE	NE	ENE	------	------	85.8	70.8	------	0	------	------	1	Ci.	Cu.
7	Calm	Calm	NNE	ENE	NNE	NE	17.1	45.9	85.9	55.2	204.1	0	------	------	1	------	Cu.
8	N	ENE	E	E	ENE	NNE	51.8	76.7	93.5	82.7	304.7	3	------	Cu.-N. ENE	2	------	Cu.
9	NE	NE	NNE	NE	NE	NE	76.6	78.6	91.9	85.8	332.9	1	------	Cu. E	2	------	Cu.-N.NE
10	NE	NE	NNE	ENE	NNE	NE	79.1	78.9	------	------	------	1	------	Cu. E	3	------	Cu. E
11	NE	NE	NNE	ENE	NNE	NNE	64.7	54.7	88.8	77.7	285.9	1	Ci.	Cu.	1	------	Cu.
12	NE	NNE	NNE	NE	NE	NE	65.4	79.4	82.1	74	300.9	2	A.-Cu.	Cu. ENE	2	------	Cu.-N.ENE
13	N	NE	E	E	NE	NE	71.4	92.7	100	88.7	352.8	3	------	Cu.-N. ENE	2	------	Cu.-N.
14	NE	N	ENE	ENE	ENE	N	61.4	67.1	76.2	67.4	272.1	1	------	Cu.	1	------	Cu.
15	N	N	NE	NE	ENE	N	51	69.2	87.5	64.9	272.6	2	------	Cu.-N. E	1	A.-Cu.	Cu.
16	NE	ENE	NNE	ENE	NNE	NE	46.5	63.8	91.5	75	276.8	1	------	Cu.	1	A.-Cu.	Cu.-N.
17	E	Calm	NE	NE	ENE	N	45.6	64.4	90.1	68.7	268.8	3	Ci.	Cu.	1	------	Cu.
18	NE	Calm	NE	NE	ENE	NNE	39.7	67.6	86.9	86.3	280.5	1	------	Cu.	2	Ci.	Cu.
19	N	NE	NE	ENE	NE	N	73.7	70	87.4	77.4	308.5	4	Ci. SW	Cu. ESE	2	------	Cu.-N.
20	NE	N	ENE	NE	NE	NE	76.7	69.2?	80.3	81.6	307.8	1	------	Cu.	6	A.-Cu. ENE	Cu.-N. E
21	NE	N	NNE	NNE	NNE	NE	84	82.3	------	------	------	3	------	Cu.-N. ENE	2	------	Cu.-N. NE
22	N	Calm	NE	ENE	NNE	NE	------	------	------	85.1	------	7	------	Cu.-N. E	4	------	Cu.-N.ENE
23	NE	NE	ENE	NE	NNE	NE	83.1	92.2	106.7	103.3	385.3	4	------	Cu.-N. E	1	------	Cu. NE
24	N	NNE	NE	NNE	NNE	NE	81.1	102.4	107.3	90.3	381.1	1	------	Cu. ENE	2	------	Cu. ENE
25	NE	NNE	NNE	NNE	NNE	NNE	84.8	101.4	83.4	69.7	339.3	1	------	Cu. ENE	5	------	Cu.-N.ENE
26	NE	NNE	NE	NE	NNE	NE	65.7	69.8	83.7	77.9	297.1	3	------	Cu.-N. ENE	2	------	Cu.-N.ENE
27	NE	NE	NE	NE	NE	N	68.7	75	81.9	70.3	295.9	10	Ci.-S.	N. E	2	------	Cu.-N.ENE
28	N	N	NE	ENE	NNE	NNE	61	56.3	63.9	84.8	266	1	------	Cu.	1	------	Cu.
29	N	Calm	ENE	ENE	ENE	NE	44	36.4	87.9	85.9	254.2	3	A.-Cu.	Cu.	1	------	Cu.
30	N	N	NNE	ENE	E	NE	47.7	62.8	75.6	64.9	251	2	Ci.	Cu. ENE	2	Ci.	Cu.
Mean	------	------	------	------	------	------	60.2	67.7	86.2	77.7	290.4	2.1	------	------	1.8	------	------

LEGASPI.

[ϕ=13° 09′ N ; λ=123° 45′ E ; barometer above sea, 5.5 meters ; gravity correction not applied, —1.77 mm.]

MAY, 1915.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.81	58.90	59.22	57.48	57.44	59.31	58.53	27.6	26.9	31.7	32.2	29.7	28.5	29.4	33.3	25.9	84	88	70	69	78	83	78.7	------
2	58.40	58.50	58.87	57.21	57.80	59.20	58.33	27.1	24.9	31.7	31.6	26.9	26	28	34.5	24.5	85	96	68	70	90	94	83.8	5.1
3	58.78	58.87	58.99	56.94	57.55	59.15	58.38	25	24.5	30.8	30.6	29.4	26.4	27.8	33.2	23.7	91	96	74	76	79	90	84.3	------
4	58.20	58.23	58.57	56.69	56.61	58.10	57.73	27.2	26.3	31.4	32.2	29.4	26.5	28.8	33.1	24.9	85	90	63	64	68	83	75.5	------
5	57.07	57.98	58.79	57.21	57.29	58.93	57.88	23.6	22.9	30.9	33.4	29.9	28.1	28.1	34.1	22.4	93	94	65	58	74	82	77.7	2
6	58.14	58.17	58.99	57.74	58.18	59.48	58.45	27.2	26.9	31.2	32.9	29.9	28.2	29.4	34	26.5	87	87	70	63	71	78	76	1
7	58.44	57.98	58.88	56.89	57.39	58.83	58.07	27.1	26.8	30.4	33.2	29.2	28.1	29.1	33.7	26.2	83	85	75	62	76	81	77	2
8	57.51	58.37	58.83	57.71	57.43	58.54	58.06	27.1	26.9	31.9	33.2	29.4	28.4	29.5	34.1	25.7	77	77	57	58	70	75	69	7.6
9	58.24	58.39	59.12	57.87	57.85	59.11	58.43	27.1	27	31.4	32	29.3	28	29.1	33.8	25.7	82	83	65	64	76	82	75.3	------
10	58.10	57.90	58.59	56.56	57.07	58.78	57.83	27.2	27.1	30.9	33.9	29.4	28.2	29.4	34.6	25.6	82	87	65	57	76	82	74.8	------
11	57.75	58.02	58.62	56.81	57.14	58.69	57.84	27.2	25.6	32.2	35.2	30.9	27.1	29.7	35.4	25.4	87	93	64	57	71	90	77	------
12	58.16	58.24	59.42	57.02	57.19	59.10	58.19	25.5	24.5	31.7	34.6	30.4	29.2	29.3	34.7	24.1	90	96	67	56	78	83	78.3	------
13	58.45	58.57	58.78	56.87	56.59	58.70	57.99	26.4	25.5	32.9	34.2	29.9	28.9	29.6	35.2	25	90	95	65	63	78	81	78.7	------
14	58.40	58.71	58.58	56.22	56.79	59.05	57.96	26.7	26.5	31.5	34.9	29.9	27.5	29.5	35.2	25.7	92	92	64	52	73	84	76.2	------
15	58.19	58.93	58.67	56.40	57.18	58.86	58.04	27	26.2	32.4	33.4	31.6	27.2	29.6	35.9	25.4	86	90	63	57	64	90	75	------
16	57.85	58.11	58.13	56.52	57.42	58.83	57.81	26.1	25.9	32.5	30.5	26.8	27.1	28.2	35.3	24.7	89	93	66	79	84	90	83.5	23.4
17	57.82	58.72	59.07	57.58	57.61	59.28	58.35	26.9	24.7	31.7	31.9	29.4	28.4	28.8	33.7	24.2	84	95	67	69	81	82	79.7	------
18	59.24	59.52	59.90	57.81	58.54	60.21	59.20	26.8	24.5	32.4	34.3	30.4	27.4	29.3	35.2	24.2	84	95	65	62	77	88	78.5	------
19	59.71	60.06	60.12	57.83	58.20	59.83	59.29	26.3	25.4	30.7	33.4	29.7	26.7	28.7	34.4	24.8	89	92	70	61	74	90	79.3	------
20	59.01	58.94	58.57	56.68	56.89	57.91	58	25.6	25	32.5	30.7	28.8	27.5	28.4	35.4	24.6	93	95	60	60	83	85	79.3	6.4
21	57.32	57.77	57.76	55.68	56.07	57.91	57.08	26.7	25.9	31.1	30.9	29.7	26.7	28.5	34.4	25.2	88	89	71	70	72	87	79.5	------
22	57.17	57.22	57.29	56.49	57.45	58.95	57.43	26.1	26.2	31.7	30.9	27.2	26.5	28.1	32.6	25.2	87	87	66	71	79	90	80	.8
23	58.31	58.67	58.28	56.78	57.68	59.26	58.16	25.2	25	31.8	33	28.5	26.9	28.4	34.6	24.3	89	92	62	59	78	84	77.3	------
24	58.42	59.22	59	57.31	57.96	59.94	58.64	25.8	25.6	29.9	32.4	25.9	24.4	27.3	34.4	23.7	91	95	75	68	94	95	86.3	14
25	58.96	59.41	59.33	58.18	58.23	60.04	59.02	23.9	24	31.4	33.1	30.4	26.9	28.3	34	22.9	97	97	64	65	75	91	81.5	------
26	59.57	59.85	59.73	58.02	57.98	59.86	59.17	25.1	24.4	31.4	33.7	30.2	28.7	28.9	34.4	23.8	93	93	66	62	76	84	79	------
27	59	59.03	59.44	57.65	57.93	60.10	58.86	26.4	25.6	32.9	34.1	29.6	27.2	29.3	35.3	25.2	92	94	65	63	79	87	80	------
28	59.15	59.16	60.02	57.79	58.45	59.95	59.09	25.6	25.5	31.7	34.7	29.8	26.5	29	35.3	25.2	95	95	66	53	77	90	79.3	------
29	58.97	59.09	59.38	57.12	57.80	59.23	58.60	25.2	25.4	31.5	35.5	29.7	27.4	29.1	35.8	24.5	93	95	68	52	77	87	78.7	------
30	58.32	58.37	57.98	56.28	56.18	57.23	57.39	26.1	26.2	31.9	35.4	30.3	27.5	29.6	35.6	25.1	90	94	67	58	79	89	79.5	------
31	57.11	57.31	57.14	55.48	55.75	57.17	56.66	25.8	25.5	32.4	34.3	28.3	25.7	28.7	36.2	25	92	93	63	65	74	90	79.5	------
Mean	58.34	58.59	58.84	57.06	57.41	59.02	58.21	26.2	25.6	31.6	33.1	29.4	27.3	28.9	34.6	24.8	88.4	91.7	66.3	62.7	76.8	86	78.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	62.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	Calm	NNE	NE	NE	ENE	42.4	44.1	67.9	63.6	218	8	Ci.-S. WSW	Cu. E	6	Ci. ESE	Cu.-N.
2	Calm	Calm	ENE	E	Calm	Calm	13.9	34.6	49.9	8.2	106.6	7	Ci. SW	Cu.	9	Ci.-S.	Cu.-N.
3	Calm	Calm	NNE	ENE	ENE	E	10.8	31.2	61.2	28.7	131.9	7	Ci.-S. SW	Cu.	7	Ci.-S.	Cu.-N.SW
4	E	Calm	ENE	NE	ENE	ENE	20.9	52	77.5	43.7	194.1	2	Ci.	Cu.	6	Ci.	Cu.
5	Calm	Calm	NNE	NE	NNE	NNE	3.5	40.2	76.4	76.7	196.8	2	Ci. WSW	Cu.	2	Ci.	Cu.
6	NE	Calm	ENE	NE	NE	NNE	------	------	81.9	79.1	------	3	------	Cu.-N. ENE	2	------	Cu.-N.
7	E	Calm	ENE	NE	ENE	NE	------	------	92	89.9	------	2	Ci. W	Cu. ENE	2	------	Cu.-N.
8	N	NE	NE	NE	NE	NE	89.6	78.9	83.5	76.6	328.6	1	Ci.	Cu. ENE	2	A.-Cu.	Cu.-N.
9	E	NNE	NNE	ENE	E	NNE	------	73.5?	81.1	68.9	------	3	Ci.	Cu. ENE	8	Ci.-S. SW	Cu.
10	E	E	NE	ENE	ENE	NE	45.1?	54.5	65.5	64.1	229.2	6	Ci.	Cu. ENE	7	Ci.	Cu.-N.
11	NE	Calm	ENE	NE	ENE	Calm	40.7	37	57.9	35.6	171.2	7	Ci.	Cu. NE	6	Ci.	Cu.-N.
12	Calm	Calm	ENE	ENE	NE	NE	10.2	34	74.2	48.1	166.5	3	Ci.	Cu.	2	A.-Cu.	Cu.-N.
13	NE	Calm	ENE	E	ENE	NE	16.4	34.1	62.3	44.1	156.9	4	Ci. W	Cu.	4	Ci.	Cu.-N.
14	Calm	W	SSW	WSW	WSW	SW	20.1	60.9	82.7	41.2	204.9	8	Ci.-S.	Cu.	7	Ci.	Cu.-N.SW
15	Calm	Calm	WSW	S	Calm	Calm	30.6	60	63	19	172.6	8	Ci.-S.	Cu.	7	Ci.	Cu.-N.
16	W	Calm	NE	E	Calm	Calm	27.4	45.4	------	------	------	4	Ci. SW	Cu.	10	Ci.-S.	Cu.-N. SSW
17	Calm	Calm	NE	ENE	Calm	NE	7	38.3	67.6	25.5	138.4	3	Ci. SW	Cu.	6	------	Cu.-N.
18	Calm	Calm	ENE	NE	Calm	Calm	13.7	41.8	44	28.8	128.3	6	Ci.-S.	Cu.	5	Ci.	Cu.-N. SSE
19	Calm	Calm	ENE	ENE	Calm	Calm	14.2	30.9	45.7	10.2	101	10	Ci.-S.	Cu.	5	------	Cu.-N.
20	Calm	Calm	SW	SW	WSW	SW	11.6	53.7	52	47.8	165.1	6	Ci. ENE	Cu.	10	Ci.-S.	N. WSW
21	Calm	S	SSW	WSW	WSW	SW	23.9	54.1	51.2	23.8	153	10	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.NW
22	SW	SW	SSW	WSW	W	W	67.1	70.3	57.6	31.1	226.1	4	Ci. NE	Cu.	10	Ci.-S.	Cu.-N.
23	SW	SW	SW	W	SW	SW	63.6	87.9	62.2	40.2	253.9	5	Ci.	Cu. WSW	4	Ci.-S.	Cu. WSW
24	SW	W	NNE	ENE	SW	Calm	11	21.5	56.6	10	99.1	8	A.-Cu. ENE	Cu.	8	Ci.-S.	Cu.-N.
25	Calm	SW	S	NE	NNE	Calm	6.9	28.2	49.3	18	102.4	0	------	------	4	------	Cu.-N.
26	W	W	ENE	NNE	NE	NE	12.6	36.4	88.8	49.1	186.9	0	------	------	2	Ci.	Cu.-N.
27	Calm	NE	NE	E	NE	N	4.8	39.4	58.7	20.9	123.8	3	Ci.	Cu.	2	------	Cu.
28	N	W	S	SW	Calm	Calm	19.3	34.3	58.4	8.7	120.7	7	Ci. NE	Cu.	6	Ci.	Cu. WSW
29	W	W	SW	SSW	SW	Calm	22.5	37.6	46.1	14.3	120.5	7	Ci.-S. NE	Cu.	6	Ci. NE	Cu.
30	SW	SW	SW	ENE	NE	Calm	24.9	43.7	48.8	19.8	137.2	2	Ci.	Cu.	4	Ci.	Cu. SW
31	Calm	W	WSW	ENE	Calm	SW	19.1	49.9	48.5	12.7	130.2	7	Ci. NE	Cu.	7	Ci. NNE	Cu.-N. WSW
Mean	------	------	------	------	------	------	24.8	46.5	63.8	38.3	165.3	4.9	------	------	5.6	------	------

LEGASPI.

[ϕ=13° 09′ N ; λ=123° 45′ E ; barometer above sea, 5.5 meters ; gravity correction not applied, —1.77 mm.]

JUNE, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.68	57.64	58.37	56.72	57.26	59.27	57.66	25	24.8	33.7	35.4	30.9	29.1	29.8	36	24.2	93	92	59	56	71	79	75	-----
2	59.16	59.49	59.53	57.86	57.95	60.35	59.06	28.2	26.5	32.4	34.9	30.2	29.1	30.2	35.4	26.1	82	89	65	56	75	78	74.2	-----
3	59.14	59.81	59.39	58.36	58.24	58.90	58.97	28.6	28.1	32.7	33.9	30.4	27.7	30.2	35.7	27.2	80	82	64	60	71	79	72.7	0.3
4	59.09	59.35	59.47	57.86	57.28	58.93	58.66	25.7	25.9	31.4	31.8	29.9	26.7	28.6	34.2	24.7	91	92	65	66	72	86	78.7	-----
5	58.10	58.63	58.79	57.44	57.39	59.34	58.28	25.9	24.6	32.7	33.4	30.2	28.9	29.3	34.4	24.3	88	94	62	61	73	77	75.8	-----
6	58.57	59.05	59.73	58.41	58.89	59.79	59.07	27.7	26.4	30.6	27.9	27	27	27.8	32.4	25.7	83	91	75	86	88	88	85.2	22.6
7	59.60	59.77	59.84	57.79	57.34	59.20	58.92	26.8	24.6	30.7	33.4	30.2	28.4	29	34	24.2	84	94	76	64	71	78	77.8	51.5
8	58.57	58.79	58.95	56.45	56.16	58.32	57.87	26.1	25.4	27.6	31.9	29.9	28.1	28.2	32.7	24.2	91	92	79	67	73	82	80.7	9.7
9	57.01	57.17	57.48	55.94	56.08	57.65	56.89	27	26.6	31.2	32.6	29.8	28.4	29.3	33.7	25.6	87	86	71	65	73	80	77	2.8
10	56.49	57.42	57.56	56.30	56.05	58.12	56.99	27.6	25.5	30.1	29.2	28.2	27.6	28	31.1	25.1	82	91	70	74	77	80	79	.8
11	57.32	57.71	58.08	56.03	55.99	58.06	57.20	27.3	27.2	30.4	33.1	28.6	27.9	29.1	33.2	25.7	81	85	74	64	83	82	78.2	.8
12	57.29	58.05	58.35	57.56	57.61	58.94	57.97	26.5	25.9	30.6	28.8	27.3	27.1	27.7	31.5	24.7	89	93	74	81	84	84	84.2	1.3
13	58.37	58.25	58.78	57.27	57.65	58.90	58.20	27.1	27.4	31.1	33.3	30	27.1	29.3	33.8	26.4	84	86	71	62	75	90	78	8.6
14	58.01	58.89	58.30	56.68	56.51	58.35	57.79	25.5	25.4	28.6	32.6	29.1	27.1	28	33.2	24.1	92	92	76	64	78	90	82	8.8
15	57.91	58.52	58.15	57.08	57.68	59.30	58.11	26.8	26.7	30.9	32.9	30.4	28.6	29.4	33.6	25.5	92	91	72	63	74	82	79	11.7
16	58.79	59	59.35	57.88	58.69	60.51	59.04	27.1	26.9	29.7	32.7	29.7	27.4	28.9	33.1	25.7	87	87	76	71	79	84	80.7	33.6
17	59.59	59	58.88	57.57	57.90	59.41	58.72	27.2	27.3	31.3	33.3	28.7	28.1	29.3	33.4	26.2	85	89	73	64	83	84	79.7	3.6
18	58.26	58.31	58.51	56.84	56.99	58.52	57.90	27.5	26.4	30.3	32.5	28.4	26.3	28.6	33.2	25.7	87	93	72	68	78	90	81.3	5.9
19	57.90	58	57.97	56.59	56.50	58.21	57.53	27.3	27	30.9	33.2	29.9	27.2	29.2	33.6	26.2	89	90	71	64	77	87	79.7	29.9
20	57.76	57.82	57.95	56.43	57.28	58.36	57.60	26.7	26.4	29.2	31.2	27.6	27	28	33.9	25	88	89	73	71	83	89	82.2	9.6
21	57.74	58.08	58.34	56.84	57.13	58.83	57.83	26.8	27.3	30.4	33.1	29.7	27.9	29.2	33.6	25.7	88	85	70	64	72	82	76.8	-----
22	58.05	58.22	57.81	56.59	56.86	58.50	57.67	27.1	27	30.2	31.3	29.2	27.8	28.8	32.6	26.1	85	85	73	72	78	82	79.2	8.2
23	57.40	57.57	57.43	56.42	56.75	58.13	57.28	26.7	27.2	31.2	32.4	29.4	28.4	29.2	34	25.1	90	90	69	66	76	82	78.8	6.9
24	57.29	58.08	57.64	56.86	56.70	57.60	57.36	26.7	25.5	28.7	30	28.9	27.6	27.9	31.7	25	86	94	80	77	80	86	83.8	.8
25	57.45	58.03	58	56.11	56.55	58.32	57.41	26.2	26	30.4	33.4	29.7	25.5	28.5	33.9	25.1	89	89	73	61	76	93	80.2	20.9
26	57.71	57.83	57.88	56.56	56.70	58.70	57.56	25.2	25.3	30.5	32.7	29.5	27.7	28.5	33.6	24.5	93	93	70	65	72	79	78.7	-----
27	58.11	58.12	58.94	57.56	58.40	59.30	58.40	26.6	26.1	31.6	33.1	26	25.3	28.1	33.8	24.7	85	88	68	66	90	93	81.7	16.8
28	58.53	58.52	58.89	56.94	56.68	59.02	58.10	24.5	24	30.4	33.4	30.9	26.4	28.3	34.6	23.3	92	93	74	62	71	90	80.3	28.4
29	58.50	58.45	58.57	57.48	57.72	59.07	58.30	25.9	26	27.3	30.9	27.2	26.5	27.3	32.2	25.3	91	92	85	64	86	90	84.7	.3
30	58.72	59.29	58.68	57.07	56.93	59.19	58.31	26.2	26	31.1	32.1	29.4	27.1	28.6	33	25.1	90	96	67	60	70	81	77.3	-----
Mean	58.10	58.43	58.52	57.05	57.20	58.84	58.02	26.6	26.2	30.6	32.3	29.2	27.5	28.7	33.5	25.2	87.5	90.1	71.6	66.1	77	84.2	79.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	283.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	W	E	ENE	ENE	NE	8.7	35.1	67.3	58.9	170	6	Ci. NE	Cu.	1	-----	Cu.-N.
2	E	Calm	NNE	ENE	NE	NNE	34.4	42.3	78.9	63	218.6	3	-----	Cu. E	1	-----	Cu.-N.
3	N	NNE	NNE	NE	NE	NE	44	57.7	98.8	63	263.5	5	A.-Cu. ENE	Cu.	5	Ci.	Cu. NE
4	N	Calm	NNE	E	NE	ENE	15	28.5	57.3	35.9	136.7	9	Ci.-S.	N.	8	Ci.-S.	Cu.-N.
5	E	Calm	ENE	NE	ENE	NE	10.2	39.9	96	58.5	204.6	5	Ci. NW	Cu.	6	Ci. NNE	Cu.-N.
6	NE	Calm	NE	NE	NE	N	25.5	56.6	73.4	33.2	188.7	8	-----	N. E	10	Ci.-S.	N. E
7	NE	Calm	NNE	ENE	NNE	NE	25.5	45.4	76.9	-----	-----	3	Ci.-S. ENE	Cu.	5	Ci.	Cu.-N.
8	NW	Calm	NNE	NNE	NNE	NNE	-----	-----	63.6	63.9	-----	9	Ci.-S.	N. NE	2	Ci.	Cu.-N.
9	N	NNE	NNE	NE	NE	NE	35.7	54.1	72.6	61.7	224.1	1	Ci.	Cu.	2	Ci.	Cu.-N.
10	N	Calm	NNE	NNE	NNE	NNE	30	52.5	87.1	78.9	248.5	2	Ci.	Cu. E	8	Ci.-S.	Cu.-N. ENE
11	N	N	NNE	NE	NE	E	50.7	49.6	65.7	59.8	225.8	6	Ci.	Cu. ENE	7	Ci.	Cu.-N. SE
12	Calm	Calm	ENE	NE	NE	Calm	8.3	40.5	-----	-----	-----	9	Ci.-S.	Cu.	10	Ci.-S.	N. SE
13	E	NE	NE	NE	NE	Calm	-----	-----	83.7	-----	-----	5	Ci.	Fr.-Cu. ENE	4	Ci. NW	Cu.
14	Calm	NE	NNE	NNE	NNE	ENE	-----	75.1	77.2	56.8	-----	10	Ci.-S.	N. ENE	4	Ci.	Cu.-N. ENE
15	N	Calm	NNE	NNE	NNE	NNE	25.7	86.9	88.5	-----	-----	8	Ci.-S.	Cu.-N. E	6	Ci.	Cu.-N. SE
16	NE	NE	NNE	NE	NNE	ENE	-----	-----	85.1	55.8?	-----	6	Ci.-S.	Cu.-N. E	6	-----	Cu.-N. E
17	NE	NE	ENE	NE	ENE	NE	59.8	75.3	84	66	285.1	9	Ci.-S.	Cu.-N. E	4	Ci.-S.	Cu.-N.
18	E	NNE	NE	NE	NE	Calm	30.4	62.3	80.3	41.2	214.2	3	-----	Cu.-N. E	2	-----	Cu.-N.
19	NE	N	NE	NE	NNE	NE	39.2	65.2	70.8	-----	-----	1	Ci.	Cu.	6	Ci.	Cu.-N. E
20	N	Calm	NE	NE	N	ESE	-----	44?	68.7	-----	-----	9	Ci.-S.	N. E	6	Ci.-S.	Cu.-N. E
21	E	NNE	ENE	NE	NE	NNE	-----	61.4?	69.5	51	-----	9	Ci.-S.	Fr.-Cu. ENE	7	Ci.	Cu.-N.
22	N	NNE	NNE	NNE	NE	N	37	51.5	66.2	44.6?	199.3	9	Ci.-S.	Fr.-N. E	6	Ci.	Cu.-N.
23	N	NE	NNE	NNE	NE	NNE	31.9	68.2	76.9	56.8	233.8	9	Ci.-S.	Fr.-N. NE	7	Ci.	Cu.-N.
24	Calm	Calm	NNE	NE	ENE	NE	12.3	29	68.7	28.2	138.2	9	Ci.-S.	N. E	9	Ci.-S.	Cu.-N. E
25	Calm	NE	NNE	NE	E	Calm	5.6	45.6	71	18.2	140.4	10	Ci.-S.	N.	3	Ci.	Cu.-N.
26	SW	W	ENE	NE	S	SSW	15.5	31.6	31.1	13.5	91.7	4	Ci. SW	Cu.	7	Ci.	Cu.-N. SSW
27	Calm	SW	NE	ENE	SW	SW	12.9	42	70	16.7	141.6	4	Ci. WNW	Cu.	3	Ci.	Cu. SSE
28	Calm	W	NNE	NE	E	SW	3.8	25.5	42.1	32.7	104.1	1	Ci.	-----	2	Ci.	Cu.-N. SW
29	Calm	W	Calm	SSW	WSW	W	9.2	17.9	53.9	24.7	105.7	10	Ci.-S.	Cu.	8	A.-Cu.	Cu.-N. SW
30	W	W	SW	WSW	WSW	WSW	33.6	66	58.5	43	201.1	8	Ci.-S.	N. WSW	7	Ci.	Cu.-N. SW
Mean	-----	-----	-----	-----	-----	-----	25.2	50	71.9	46.9	186.8	6.3	-----	-----	5.4	-----	-----

LEGASPI.

[$\phi = 13° 09'$ N; $\lambda = 123° 45'$ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

JULY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.65	58.96	58.78	56.58	56.30	57.85	57.85	26.2	25.6	31.2	33.4	29.1	27.3	28.8	34.4	25	85	83	64	56	77	85	75	------
2	57.22	57.15	57.28	56.14	56.31	57.90	57	26.1	25.9	30	31.4	29.4	26.8	28.3	31.8	25.2	92	92	73	68	72	89	81	------
3	56.62	57.12	56.65	55.25	55.87	57.70	56.54	26.2	26	32.2	34.4	31.7	27.7	29.7	34.9	24.7	88	89	61	53	65	83	73.2	------
4	57.26	57.91	58.18	56.76	56.86	58.78	57.62	26.3	25.8	32	34.8	31	28.1	29.7	35.1	25.3	92	94	64	52	71	87	76.7	------
5	58.21	58.35	58.26	56.75	57.31	59.19	58.01	26.6	26	32.6	35.2	28.8	26.7	29.3	36.6	25.7	91	94	64	54	71	83	76.2	------
6	58.81	58.69	58.55	57.16	57.48	59.09	58.30	25.6	24.8	32.4	34.7	31.3	29.4	29.7	35.2	24.3	89	93	66	61	70	79	76.3	------
7	58.84	59.36	59.39	58.15	57.89	59.78	58.90	27.6	27.3	32.6	34.7	31.4	28.7	30.4	35.2	26.2	80	87	65	58	68	78	72.7	------
8	59.80	60.12	60.23	58.92	58.65	60.55	59.71	26.5	25.4	32.4	35	30.9	29	29.9	35.2	25	87	92	64	58	72	83	76	------
9	59.95	60.31	60.55	59.41	59.42	60.75	60.06	28.2	27.9	32.2	34.1	29.7	27.4	29.9	35.8	26.6	85	86	64	59	77	88	76.5	11.5
10	59.91	60.20	60.47	59.02	58.85	59.88	59.72	27.1	26.9	30.6	30.9	28.9	28.3	28.8	33	25.8	87	85	75	75	81	82	80.8	27.7
11	58.70	59.41	59.77	58.63	58.82	59.80	59.19	27.1	25.8	30.8	32.6	29.6	28.1	29	33.2	24.2	83	88	73	70	76	84	79	------
12	58.16	58.62	59.15	57.43	57.69	59.21	58.38	27.2	26.9	31.9	32.4	29.7	27.7	29.3	34.4	25.2	88	90	70	68	70	82	78	------
13	58.67	58.26	58.54	56.58	57.13	58.62	57.97	27.1	27	31.9	34.2	27.9	26.5	29.1	35.1	26.2	81	81	66	62	81	87	76.3	2.3
14	57.76	57.71	58.10	56.69	56.61	57.93	57.47	25.9	26.4	27.4	27.5	27.2	25.7	26.7	29.7	24.5	91	88	83	84	84	94	87.3	44
15	57.44	58.36	57.78	57.24	58.14	58.60	57.93	24.9	23.9	26.4	29.2	27.8	26.2	26.4	31.2	21.6	94	92	81	72	80	85	84	3.5
16	58.47	58.30	58.71	58.31	56.35	58.83	58.16	26.9	27.2	29.5	29.9	26.9	27.1	27.9	30.6	25.1?	83	83	74	74	73	85	78.7	1.3
17	57.48	58.25	58.05	57.13	57	58.47	57.73	25.8	26.2	29.4	32.2	28.9	26.8	28.2	33.2	24.2	88	88	74	68	74	87	79.8	9.1
18	57.28	57.19	57.10	56.19	56.98	57.51	57.04	24.5	24	31.5	28.4	27.5	27.4	27.2	34.1	23.7	92	94	70	77	84	83	83.3	------
19	56.50	56.59	56.46	55.11	55.22	56.98	56.14	25.1	24	31.2	33.9	30.7	27.6	28.8	34.6	23.3	88	95	67	63	70	87	78.3	------
20	56.11	56.39	56.52	55.45	55.51	57.46	56.24	25.6	24.5	31.7	34.7	31.4	27.9	29.3	35.2	24	93	96	65	61	70	88	78.8	------
21	56.22	57.26	57.53	55.73	56.84	59.05	57.10	26.3	25.9	31.9	34.8	28.1	27.2	29	35	25.2	94	94	66	60	87	90	81.8	------
22	58.01	58.22	58.35	57.59	57.66	59.09	58.15	26.8	26	30.9	29.7	29.3	27.1	28.3	32.2	25.1	90	92	71	76	76	88	82.2	.8
23	57.73	58.12	58.58	56.88	56.33	57.90	57.59	26.5	26	31.9	28.6	29.2	27.1	28.2	32.6	25.1	90	88	65	83	83	90	83.2	2.5
24	55.96	55.95	56.20	54.83	54.66	56.12	55.62	26.6	26.4	29.7	30.7	29.1	26.7	28.2	31.6	25.9	89	88	75	73	78	90	82.2	1.5
25	55.48	55.60	55.79	54.61	54.95	56.47	55.48	26.5	26.4	29	30.4	26.6	26.4	27.6	30.6	24.5	90	90	78	76	90	89	85.5	26.2
26	56.41	55.34	54.80	53.66	54.33	55.27	54.97	25.7	25.9	29.4	30.6	29	26.9	27.9	31.6	24.2	87	92	72	66	74	87	79.7	1.8
27	54.68	54.68	54.34	53.24	52.90	54.11	53.99	26.4	26.2	29.4	30.1	28.3	27.6	28	30.7	25.7	90	94	73	71	80	83	81.8	2.3
28	52.78	52.66	53.54	51.93	52.37	52.82	52.68	26.9	26.5	29.8	30.4	24.9	25.6	27.4	31.4	23.7	86	88	71	71	95	94	84.2	30.3
29	51.88	51.37	51.74	50.47	50.95	52.10	51.42	26.1	26.9	27	28.9	26.9	26	27	29.2	25.3	90	85	87	77	85	91	85.5	8.7
30	50.78	51.49	53.11	53.44	53.89	54.89	52.93	25.7	25.8	26.9	25.4	24.2	25.1	25.5	27.7	23.7	92	92	86	93	93	91	91.2	12.7
31	53.89	54.42	54.84	54.41	54.78	56.25	54.76	25	25.5	29.9	30.2	28.9	27.1	27.8	31	24.2	91	90	67	70	77	88	80.5	------
Mean	56.96	57.17	57.33	56.12	56.26	57.71	56.92	26.3	26	30.5	31.7	28.8	27.2	28.4	33	24.8	88.6	89.8	70.8	68	77.5	86.5	80.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	186.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	SW	SW	SSW	WSW	47.7	61	80.5	51.3	240.5	1	Ci.	Cu.	5	Ci.	Cu.-N. SW
2	SW	WSW	SSW	SW	SW	Calm	40.2	65	62	8.3	175.5	7	Ci.-S.	Cu.	8	Ci.-S.	Cu. SW
3	Calm	W	WSW	SW	SW	WSW	13.5	55	76.2	26.9	171.6	5	Ci.	Cu.	2	------	Cu. SW
4	W	Calm	S	SW	SW	SW	19.8	43.8	72.1	27.4	163.1	1	Ci.	Cu.	2	------	Cu. WSW
5	Calm	Calm	SSW	WSW	SSW	Calm	6.9	39.7	61.4	14.7	122.7	0	------	------	6	------	Cu. SW
6	W	Calm	E	ENE	NNE	NNE	10.7	20.7	73.8	47	152.2	1	Ci.	Cu.	1	Ci.	Cu.-N.
7	NW	NE	NE	NE	NE	NE	27.7	39.7	74.5	56.5	198.4	6	A.-Cu. ESE	Cu.	2	------	Cu.-N.
8	Calm	Calm	NNE	ENE	NNE	ENE	6.2	45.7	84.7	46.2	182.8	2	Ci.	Cu. ESE	2	Ci.	Cu.-N.
9	Calm	Calm	ENE	ENE	ENE	NE	27.2	52	75.6	------	------	5	A.-Cu.	Cu. E	7	Ci.	Cu.-N. NE
10	NE	NE	SE	NE	ENE	NE	------	------	62.2	70.2	------	7	Ci.-S.	N. E	9	Ci.-S.	Cu.-N. NE
11	Calm	NNE	NE	NE	NNE	NNE	16.4	47.8	75.4	29	168.6	10	Ci.-S.	N. ENE	4	Ci.	Cu.-N. E
12	Calm	Calm	NE	NE	NE	NE	9.5	53.1	73.8	36.4	172.8	4	Ci.	Cu. E	7	Ci. NE	Cu.-N. ENE
13	E	NE	ENE	NE	E	NE	------	------	68.6	44	------	7	Ci.-S. NE	Cu.	6	Ci.	Cu.-N.
14	N	NE	E	NE	NE	Calm	35.2	60.6	54.1	19.6	169.5	2	Ci.	Cu.	10	Ci.-S.	N. ENE
15	NE	NE	N	NE	NE	ENE	61.7	49.3	70.6	56.8	238.4	10	Ci.-S.	N.	4	Ci.	Cu.-N. ENE
16	N	NNE	NE	ENE	NE	NE	55.2	71.6	47.2	46.5	220.5	7	Ci.-S.	Cu. E	10	Ci.-S.	N. ENE
17	NW	Calm	NE	NE	N	ENE	19.8	58.9	------	------	------	5	Ci.-S.	Cu.-N. ENE	7	Ci.-S.	Cu. ENE
18	N	Calm	NE	WSW	N	ENE	------	------	------	36.8	------	1	Ci.	Cu.	8	Ci.-S.	Cu.-N. W
19	SW	Calm	ENE	ENE	NE	E	13.1	26.6	53.6	18.5	111.8	1	Ci.	Cu.	2	------	Cu.-N. NW
20	Calm	WSW	SSW	ENE	NNE	Calm	7.7	29.2	50.5	8.7	96.1	1	Ci.	Cu.	5	Ci.	Cu.-N.
21	W	W	SSW	NNE	S	WSW	15.5	36	42.9	29.2	123.6	7	Ci.-S.	Cu.-N. S	6	Ci.	Cu.-N.
22	SW	WSW	SW	W	SSW	WSW	30	76.9	80.8	36.5	224.2	3	Ci.	Cu.	6	Ci.-S.	Cu.-N.
23	SW	WSW	SSW	SSW	SSW	W	54.1	79.2	90.7	49.4	273.4	6	Ci.-S. NE	Cu.	9	Ci.-S.	N. WNW
24	SW	SW	W	SSW	SSW	SSW	68.2	81.8	82.6	30.1	262.7	10	Ci.-S.	Cu. W	10	Ci.-S.	Cu.-N. W
25	W	SSW	W	W	W	SW	25.1	92.7	74.8	33.6	226.2	4	Ci.	Cu.-N. WSW	4	Ci. N	Cu.-N. WSW
26	S	SW	SW	SW	SW	SW	79.1	134.1	137.3	64.7	415.2	3	Ci.	Cu.-N. WSW	7	Ci.	Cu.-N. WSW
27	W	W	W	SSW	SW	SW	25.9	95	125.3	83.7	329.9	10	Ci.-S.	Fr.-N. WSW	8	Ci.-S.	Cu.-N. WSW
28	SW	SW	SW	SSW	SW	SW	40.4	104	117.2	63.8	325.4	10	Ci.-S.	N. WSW	9	Ci.-S.	Cu.-N. WSW
29	SW	WSW	WSW	SW	SW	SW	83.7	111	119.1	91.1	404.9	10	Ci.-S.	N.	10	Ci.-S.	N. WSW
30	S	SSW	SSW	SW	SSW	SW	140.5	129.2	93.6	51.8	415.1	10	Ci.-S.	Fr.-N. SW	10	Ci.-S.	N. SW
31	S	SSW	SSW	S	SW	Calm	34.8	97.4	93.9	12.7	238.8	10	Ci.-S.	N. SW	5	Ci.-S.	Fr.-N. WSW
Mean	------	------	------	------	------	------	36.3	66.3	78.4	41.1	224	5.4	------	------	6.2	------	------

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[ϕ=13° 09′ N ; λ=123° 45′ E ; barometer above sea, 5.5 meters ; gravity correction not applied, —1.77 mm.]

AUGUST, 1915.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	56.13	56.17	56.63	55.33	55.23	56.97	56.08	26.1	25.6	30.4	32.5	29	27	28.4	32.8	25.3	92	94	70	60	74	84	79	------
2	56.82	56.75	56.68	55.32	56.13	57.50	56.53	26.8	26.5	31.7	33.1	29.9	27.3	29.2	33.6	25.7	81	81	62	58	65	77	70.7	------
3	57.22	57	57.14	55.72	56.35	57.50	56.82	26.9	26.5	30.7	32.6	29.9	27.5	29	33.7	24.8	77	87	70	61	73	84	75.3	------
4	56.49	56.33	56.83	55.35	55.83	57.25	56.35	26.7	26.5	30.9	32.7	29.7	27.9	29.1	33.4	25.7	86	87	69	62	74	81	76.5	0.8
5	56.29	56.51	56.99	56.58	56.51	58.29	56.86	26.9	26.5	27.9	26.9	27.4	24.4	26.7	30.9	24.2	86	93	90	88	92	96	90.8	38.5
6	57.96	57.84	57.14	56.45	57.07	58.53	57.50	24.1	24	26.9	28.9	27.9	25.7	26.2	30.2	23.5	97	97	80	76	80	90	86.7	5.6
7	58.08	58.29	58.21	56.43	56.51	58.07	57.60	25.3	25	28.7	31.7	29.4	27	27.8	32.1	24.3	92	93	83	67	71	84	81.7	5.1
8	57.18	57.14	56.86	55.31	55.50	56.90	56.48	26.7	26.5	30.4	31.6	29.7	26.8	28.6	32.1	25.7	85	86	73	67	74	86	78.5	------
9	55.70	55.43	56.11	55.21	55.77	57.41	55.94	26	26.5	30.8	32.5	30.3	27.4	28.9	33	25.7	91	88	69	61	70	83	77	------
10	56.57	56.75	57.22	55.92	57.02	59.17	57.11	26.7	26.5	31.2	32.4	29.4	24.5	28.4	32.9	24.2	86	88	66	62	74	91	77.8	.5
11	58.17	58.23	57.99	56.48	57.11	58.45	57.74	25.1	26.1	29.4	31.4	28.9	26.9	28	31.7	24.4	90	88	74	65	78	86	80.2	1.5
12	57.62	58.36	57.66	56.33	56.27	57.56	57.30	25.6	26	30.9	29.2	28.7	26.7	27.8	31.6	24.6	89	88	69	77	74	83	80	------
13	56.92	57.06	57.18	55.71	55.99	57.75	56.77	26	26.5	30.7	33	28.4	27.1	28.6	33.3	25.7	86	87	70	59	77	84	77.2	------
14	57.22	57.10	56.95	56.13	56.58	58.25	57.04	26.4	26.5	31.3	32.9	29.4	27.4	29	33.3	25.3	87	88	66	63	74	84	77	------
15	57.06	57.10	58.19	56.97	57.65	58.55	57.59	26.3	26	31.1	32.6	29.3	27.3	28.8	33.4	25.2	90	92	70	63	80	84	79.8	------
16	57.60	57.93	58.75	56.89	57.53	58.44	57.86	25.9	26	28.5	31	28.8	27.5	28	31.4	25.5	89	89	83	69	81	87	83	.5
17	56.95	56.58	57.65	55.79	55.49	57.01	56.58	26.2	26	28.5	27	27.2	24.5	26.6	30.8	24	96	96	85	85	84	95	90.2	12.7
18	55.89	55.82	56.22	54.68	55.71	56.63	55.82	24.3	24	29.5	33.1	26.9	25.6	27.2	33.3	23.3	95	95	78	66	90	94	86.3	6.9
19	55.43	55.77	55.54	54.29	55.28	56.19	55.42	25.2	25	29.7	30.7	25.3	25	26.8	31	24.2	95	95	76	74	95	94	88.2	56.2
20	54.97	55.72	55.70	55.11	55.65	56.54	55.62	25.1	25.5	29.2	25.7	26.7	25.6	26.3	30.6	24.7	97	96	76	92	86	89	89.3	19.8
21	55.57	56.09	56.79	55.43	56.36	57.56	56.30	25.5	26	29.9	31.2	28.7	26.8	28	31.9	24.9	89	92	74	66	79	81	80.2	.5
22	56.87	56.68	57.65	55.99	56.28	57.47	56.82	26.1	26.2	30	31	27.9	26.6	28	31.4	25.7	85	91	73	69	79	81	79.7	------
23	55.81	55.73	56.56	55.42	55.76	57.11	56.06	26.2	26.1	29.7	31.4	28.9	26.9	28.2	32.6	25.5	82	88	78	70	79	86	80.5	------
24	56.86	56.50	56.96	55.78	56.20	58.01	56.72	26.5	26.4	30.4	32.6	28.7	26.5	28.5	32.6	25.9	88	88	72	63	74	88	78.8	------
25	57.52	57.65	57.85	56.46	57.09	59.35	57.65	25.9	25.5	30.4	32.2	29.2	26.7	28.3	33.2	24.8	92	93	72	63	76	90	81	------
26	58.47	59.11	59.14	57.43	57.87	59.33	58.56	26.1	26	31.3	32.3	29.1	26.6	28.6	33.4	25.2	93	93	60	63	75	86	78.3	------
27	58.61	59.62	61.25	59.10	58.43	60	59.50	25.7	25.5	25.4	27	25.9	24.6	25.7	27.5	23.8	92	91	91	81	88	94	89.5	8.9
28	59.55	59.72	59.65	58.22	58.46	60.45	59.34	23.9	23.5	29.4	32.8	29.4	26.8	27.6	33.2	22.6	96	96	73	60	72	86	80.5	------
29	59.49	59.40	59.15	57.66	57.85	59.11	58.78	25.3	25	32	34.1	29.5	26.9	28.8	34.9	24.7	93	95	66	63	77	89	80.5	------
30	58.86	58.94	58.92	57.61	56.65	59.10	58.35	25.2	24.5	32	33.5	30.1	23.9	28.2	34.3	23.6	94	96	67	61	74	89	80.2	19
31	57.88	58.06	58.43	56.53	56.90	58.06	57.64	24.4	24	26.3	29.4	27.9	26	26.3	29.6	23.3	92	95	93	80	86	92	89.7	1.6
Mean	57.15	57.27	57.55	56.18	56.55	58.02	57.12	25.8	25.7	29.8	31.3	28.6	26.4	27.9	32.2	24.7	89.8	91.2	74.1	68.2	78.2	87	81.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	178.1

Day.	Wind. Direction. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Total movement in 6 hours. 6 a. m.	Noon.	6 p. m.	Midnight.	Total movement in 24 hours.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
							Km.	Km.	Km.	Km.	Km.	0-10			0-10		
1	W	WSW	S	SW	SW	SW	33.8	89.3	115.7	66.2	305	3	A.-Cu. S	Cu.	2	Ci.	Fr.-Cu. WSW
2	SW	SW	SW	SW	SW	SW	54.9	96	115.9	61.2	328	1	A.-Cu.	Cu.	4	Ci.	Fr.-Cu. WSW
3	SW	SW	SW	SW	SW	W	49.4	94.4	104.6	47	295.4	6	Ci. E	Cu.	6	Ci.	Cu.-N. W
4	S	SSW	WSW	SW	SW	WSW	45.4	99.6	105.9	55.2	306.1	3	Ci. NE	Cu. W	7	Ci.-S.	Cu.-N. W
5	SW	SW	WSW	NNW	W	SW	50.2	75.1	65.2	39.2	229.7	9	A.-Cu.	Cu. WSW	10	Ci.-S.	N.
6	W	SW	SW	SW	SW	SW	64.9	103	82.1	45.7	295.7	10	Ci.-S.	N. WSW	9	Ci.-S.	Fr.-N. WSW
7	SW	WSW	WSW	SW	WSW	SW	24.1	78.6	118.8	69.2	290.7	9	Ci.-S.	N. SW	4	------	Cu.-N. WSW
8	SW	SW	SW	SW	SW	SW	70.8	110	131.8	------	------	1	------	Cu.	2	------	Fr.-Cu. WSW
9	SW	SW	SW	WSW	SSW	SW	------	------	125.8	74.6	------	1	Ci.	Cu.	1	------	Fr.-Cu. WSW
10	SW	SSW	SW	SW	SW	WSW	85.9	113.3	111.3	100.9	411.4	2	Ci.	Cu. WSW	6	Ci. ENE	Cu.-N. WSW
11	SW	SW	SW	SW	WSW	SW	71.8	93.5	115.1	47.3	327.7	10	Ci.-S.	N.	6	Ci.-S.	Cu.-N. WSW
12	W	SW	SW	WSW	SSW	SW	68.6	109.2	93	74	344.8	9	Ci.-S.	N.	8	Ci.-S.	Cu.-N.
13	SW	SSW	SW	SSW	WSW	SSW	64.1	88.5	103	55.8	311.4	7	Ci.-S.	Fr.-N. WSW	3	Ci. ENE	Fr.-Cu. WSW
14	SW	SW	SW	SW	SW	WSW	60.7	104.9	111.6	61.2	338.4	1	Ci.	Cu.	4	Ci. ESE	Cu.-N. WSW
15	SW	SW	WSW	WSW	SW	SW	38.3	74.2	79.5	30	222	0	------	------	4	A.-Cu. W	Cu.
16	SW	W	SW	WSW	Calm	W	54.1	40	40.2	15.1	149.4	8	A.-Cu. SE	Cu.	10	Ci.-S.	N.
17	NW	Calm	Calm	WSW	W	W	10.7	12.3	44.1	------	------	10	Ci.-S.	N.	10	Ci.-S.	N.
18	W	Calm	E	E	N	Calm	------	23.5	36	13.7	------	8	Ci.-S.	N.	8	Ci.-S.	Cu.-N.
19	W	SW	WSW	W	Calm	WSW	15	46.2	44.6	18.8	124.6	9	Ci.-S.	N. WSW	8	Ci.-S.	Cu.-N. SW
20	SW	WSW	SW	W	SSW	SSW	47.2	66.3	83.4	46.4	243.3	8	Ci.-S.	Fr.-N. SW	10	Ci.-S.	N. SW
21	S	SSW	SW	SW	SSW	SW	55.5	84	92.5	66.6	298.6	9	Ci.-S.	Fr.-N. SW	8	Ci.-S.	Cu.-N. SW
22	W	SW	SW	WSW	SW	SW	60.2	93.5	106.4	62	322.1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. W
23	SW	SSW	SSW	SW	SW	SW	70.6	100	103.8	60	334.4	9	Ci.-S.	Cu.-N. WSW	6	Ci.	Cu.-N. WSW
24	SW	SSW	SSW	SW	SW	SW	73.2	97.1	100.9	54.1	325.3	8	Ci.-S.	Cu.	6	Ci.	Cu.-N. SW
25	SW	Calm	SW	SW	SW	Calm	24.9	74.8	85	21.7	206.4	6	A.-Cu. SSW	Cu.	7	Ci.	Cu. SW
26	Calm	SW	SW	SW	SW	SW	21.1	56.3	79.2	39.9	196.5	2	Ci.	Cu. SSW	2	Ci.-Cu.	Cu. SSW
27	SW	SSW	SW	SSW	SSW	Calm	24.9	61.5	------	------	------	10	Ci.-S.	Fr.-N. SSW	10	Ci.-S.	N.
28	SW	Calm	SSW	SW	SW	SW	------	------	72.1	30.6	------	5	A.-Cu. W	Cu.	2	------	Fr.-Cu. W
29	Calm	SW	NE	E	NE	Calm	21.9	33.2	43.5	22.2	120.8	1	Ci.	Cu.	4	------	Cu.-N. W
30	W	Calm	E	E	Calm	ESE	17.2	30.8	23.7	28	104.7	8	Ci.-S. E	Cu.	9	Ci.-S.	Cu.
31	W	Calm	Calm	NE	E	Calm	21.2	3.2	12.3	13.5	50.2	10	Ci.-S.	N.	9	Ci.-S.	Cu.-N.
Mean	------	------	------	------	------	------	46.4	74.2	85.1	47.1	259.3	6.2	------	------	6.3	------	------

LEGASPI.

[φ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

SEPTEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.23	57.46	57.25	55.95	56.22	57.48	56.93	25.6	25.4	30.1	28.7	27.7	26	27.2	31.6	25	89	88	72	79	85	89	83.7	5.1
2	57.06	57.09	56.91	55.29	55.72	57.17	56.54	25	25.5	30.7	30.2	27.4	26.4	27.5	31.1	24.4	88	84	70	71	86	88	81.2	6.9
3	56.43	56.79	56.83	55.19	55.07	56.52	56.14	25.7	25.5	29.4	30.8	27.8	26.6	27.6	32.4	24.8	92	93	77	71	83	90	84.3	2
4	55.78	55.79	56.89	55.29	55.11	56.87	55.96	25.8	25.6	28.4	27.2	27.7	26.4	26.8	30.6	25.2	92	92	82	87	85	90	88	18
5	55.53	55.42	55.98	54.24	54.40	56.24	55.30	25.7	25.5	28.9	30.6	28.6	26.6	27.6	31.8	25.2	93	93	78	74	82	90	85	1.3
6	55.26	55.06	54.76	53.20	53.49	55.87	54.61	25.9	26	30.9	31.3	28.3	26.9	28.2	31.9	25.1	90	93	64	66	78	86	79.5	1.8
7	54.23	54.40	54.52	53.10	53.17	54.75	54.03	26	26.3	28.7	28.9	26.9	26.6	27.2	31.1	25.6	92	90	81	83	83	83	85.3	12.5
8	53.67	53.59	53.99	52.29	53.17	54.54	53.54	26.3	26.5	29.4	29.9	24.9	25.6	27.1	31	24.4	85	89	74	75	93	93	84.8	30.5
9	54.05	54.81	55.49	54.26	54.81	56.37	54.96	25.5	25.4	28.2	29.9	24.9	25.1	26.5	30.7	24.3	93	93	77	73	91	92	86.5	4.3
10	55.66	55.97	56.71	55.16	55.42	56.73	55.94	24.8	25.5	29.7	29.9	25.7	26	26.9	30.7	23.8	93	93	72	71	89	91	84.8	17.5
11	55.63	55.51	55.96	54.74	54.97	55.67	55.41	25	25.1	28.4	28.5	26.3	25.8	26.5	31.1	24.7	95	95	86	86	93	93	91.3	3.8
12	55.83	56.17	56.48	54.95	55.71	56.77	55.98	25.2	25.5	29	29.6	27.5	26	27.1	31.4	24.7	92	93	77	75	87	92	86	6.7
13	56.13	57.17	57.50	55.38	55.81	57.58	56.60	25.4	24.6	28.9	30.4	26.7	25.6	26.9	32.2	23.6	92	95	78	70	93	95	87.2	16.7
14	57.61	57.77	58.28	56.83	57	58.46	57.66	24.4	24.1	30.2	31.6	28.3	26.5	27.5	32.7	23.6	97	97	75	68	82	86	84.2	.3
15	58	58.28	58.10	56.64	57.36	59.43	57.97	25.1	24.5	31.4	31.7	28.7	27.6	28.2	33.6	24.2	95	97	65	66	80	84	81.2	------
16	58.62	59.32	59.92	58.67	58.50	59.69	59.12	25.1	24	30.6	31.3	27.9	26.9	27.6	32.6	23.6	95	96	72	71	82	86	83.7	------
17	58.97	59.16	59.37	57.74	57.89	59.58	58.78	26.8	26.7	30.9	31.7	27.9	27.6	28.6	33.2	25.2	86	86	71	70	84	86	80.5	82.2
18	58.06	59.63	59.59	57	57.25	59.16	58.45	25.3	23.6	25.9	30.2	27.9	25.6	26.4	31.1	22.9	94	96	88	70	79	95	87	23.9
19	58.14	58.27	59.03	56.83	57.63	59.33	58.20	24.9	24.5	31.1	30.9	28.7	27.6	28	32.4	23.7	95	96	72	72	83	87	84.2	------
20	58.66	58.60	59.24	56.84	56.85	58.79	58.16	26.7	25.9	31.4	31.2	29.3	28.1	28.8	33	25.3	91	96	73	72	79	84	82.5	------
21	58.04	58.98	59.50	58.03	57.25	59.23	58.50	25.7	24.6	31.3	32.4	27.4	27.2	28.1	33	24.3	93	95	67	64	87	87	82.2	2
22	58.25	58.42	58.49	57.08	57.50	58.70	58.07	26.9	25.5	31.9	29	28.4	27.9	28.3	34.5	24.7	87	96	69	83	81	82	83	7.9
23	58.14	58.27	58.09	56.37	56.46	58.18	57.58	25.1	24.1	31.9	33.4	29.2	27.6	28.6	34.1	23.6	92	95	69	64	80	84	80.7	.3
24	57.30	57.74	58.23	56.23	56.89	58.89	57.55	25.4	24.5	31.4	33.4	28.7	26	28.2	33.6	24	93	96	74	66	85	92	84.3	------
25	58.27	58.33	58.25	57.36	58.19	59.02	58.24	25.2	25	31.4	28.2	26.7	25.6	27	32.9	24.2	95	95	66	84	91	95	87.7	11.4
26	58.76	59.12	59.33	57.04	57.76	59.69	58.62	24.6	24.5	29.8	31.8	26.2	26	27.2	31.8	24	97	97	77	70	94	94	88.2	------
27	59.06	59.14	59.25	57.11	57.90	59.60	58.68	24.8	24	30.2	33.2	26.9	25.4	27.4	33.6	23.5	94	96	73	67	86	93	84.8	1.8
28	59.15	59.80	59.45	58.23	57.85	59.61	59.02	25.8	24.5	29.7	28.1	26.9	25.6	26.8	34.1	24	92	92	70	76	80	88	83	------
29	58.69	59.01	59.29	57.52	58.08	60.01	58.77	24.9	23.9	30.4	33.4	29.4	27.3	28.2	33.7	22.7	92	93	72	64	76	85	80.3	------
30	59.19	59.30	59.59	58.09	58.51	60.08	59.13	27.1	25.6	31.6	32.4	27.4	26.5	28.4	33.2	25.2	83	88	68	62	87	89	79.5	4.1
Mean	57.18	57.48	57.74	56.09	56.40	58	57.15	25.5	25.1	30.1	30.7	27.5	26.5	27.5	32.4	24.3	91.9	93.3	73.6	72.3	84.8	89	84.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	261

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	SSW	SSW	NW	SW	SW	42.9	65.8	58.1	31.1	197.9	10	A.-Cu. SW	Cu.	10	Ci.-S.	Cu.-N.
2	S	SSW	WSW	SW	SW	SW	60.4	70.5	71.6	50.2	252.7	5	Ci.	Cu.	7	Ci.-S.	Cu.-N. WSW
3	SW	SW	W	W	SW	SW	55.2	81.3	77.5	40.2	254.2	2	Ci. W	Cu.	10	Ci.-S.	Cu.-N. W
4	SW	SW	SW	SW	S	SSW	46.1	72.6	72.9	40.2	231.8	8	Ci.-S.	N.	10	Ci.-S.	N.
5	S	SSW	SW	WSW	S	SSW	56	100.1	99.5	34.8	290.4	6	Ci.	Fr.-N. WSW	7	Ci.-S.	Cu.-N. WSW
6	S	SSW	SSW	SSW	SSW	SW	59.8	105.2	128.9	52.6	346.5	3	Ci.	Fr.-Cu. WSW	3	Ci.	Fr.-Cu. WSW
7	SW	SW	SW	SW	SW	WSW	74.3	99	121.3	101.4	396	7	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	N. SW
8	S	SSW	SW	SW	S	SSW	86.3	114.3	110.2	-----	------	10	Ci.-S.	Cu.-N. WSW	8	Ci.-S.	Cu.-N.
9	SW	SW	SSW	SSW	SW	SW	-----	81.5	84.8	54.5	------	10	Ci.-S.	N.	8	Ci.-S.	N. WSW
10	SW	SW	SW	SSW	S	SSW	46.7	81.5	77.5	59.3	265	6	Ci.-S.	Cu. WSW	8	Ci.-S.	Cu.-N. WSW
11	S	SSW	SSW	SSW	SSW	SSW	20.7	78.7	61.7	49.6	210.7	8	A.-Cu.	Cu. WSW	9	Ci.-S.	N. WSW
12	S	SW	S	WSW	Calm	S	49.3	86.6	66.5	13.9	216.3	7	A.-Cu. W	Cu. WSW	8	Ci.-S.	Cu.-N. WNW
13	Calm	E	E	SSW	Calm	Calm	28.5	26	22.8	12.3	89.6	10	Ci.-S.	N.	10	Ci.-S.	N. WSW
14	SW	Calm	ENE	NNE	Calm	E	17.9	25.9	25.9	18.8	88.5	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. W
15	Calm	Calm	S	NNE	ENE	NE	8.5	32.4	60.7	34	135.6	5	Ci. WSW	Cu.	10	Ci.-S.	Cu.-N. S
16	N	N	NE	ENE	NE	NNE	10.2	42.3	56.9	46.7	156.1	2	Ci.	------------	10	Ci.-S.	Fr.-N. E
17	NE	NNE	NE	NE	NE	E	61	-----	-----	45.6	------	5	------------	Cu. ENE	8	Ci.-S.	N. ENE
18	Calm	W	W	ESE	NNE	Calm	36.5	32.4	32	7.4	108.3	10	Ci.-S.	N.	9	Ci.-S.	Cu.-N.
19	Calm	Calm	NE	E	NE	Calm	3.8	32.4	34.4	25.9	96.5	5	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. SE
20	Calm	Calm	NE	NNE	NE	NE	15	38.1	45.1	35.1	133.3	7	Ci.-S.	Cu. ENE	6	Ci.	Cu.-N.
21	Calm	Calm	NNE	ENE	Calm	NE	2.6	27.6	36	43.5	109.7	3	Ci.	Cu. E	6	Ci.-S.	Cu.-N.
22	N	Calm	NE	NNE	NNE	NNE	40.5	29.2	68.2	62.5	200.4	5	Ci.	Cu. ENE	8	Ci.-S.	Cu.-N.
23	Calm	W	NNE	NE	NE	NNE	19	49.6	68.9	35.4	172.9	3	Ci.	Cu.	2	Ci.	Cu.-N. NE
24	NW	NNW	W	ENE	Calm	WNW	15.9	25.5	37.3	11.6	90.3	2	Ci.	Cu.	4	Ci.	Cu.-N.
25	W	W	SW	NW	W	Calm	18.3	23.5	40.5	15.6	97.9	1	Ci.	Cu.	8	Ci.-S.	Cu.-N. SW
26	Calm	Calm	SW	SW	W	Calm	7.2	48.9	48.1	6.2	110.4	10	Ci.-S.	N.	8	Ci.-S.	Cu.-N.
27	W	WSW	SW	ENE	NE	SW	28.4	27.4	-----	-----	------	3	Ci.	Cu.	3	------------	Cu.-N.
28	W	WSW	SE	SSW	Calm	Calm	-----	32.2	35.6	17.2	------	10	Ci.-S.	N. SW	9	Ci.-S.	N.
29	Calm	Calm	NE	NE	SE	Calm	4.5	40.8	71.9	26.2	143.4	3	Ci.	Cu.	2	------------	Cu.-N. SE
30	NE	NW	ENE	NE	NNE	W	32	67.4?	56.9	27.4	183.7	3	Ci. NE	Cu.	8	Ci.-S. W	Cu.-N. ENE
Mean	------	------	------	------	------	------	33.8	56.5	63.3	35.7	183.1	5.9	------------	------------	7.5	------------	------------

LEGASPI.

[ϕ=13° 09′ N ; λ=123° 45′ E ; barometer above sea, 5.5 meters ; gravity correction not applied, —1.77 mm.]

OCTOBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.19	59.51	59.88	57.38	57.60	58.93	58.75	24.8	24	29.9	33.2	29	27.6	28.1	33.6	23.2	92	96	82	66	82	87	84.2	15.3
2	57.91	57.01	57.62	55.64	56.26	56.87	56.88	25.4	27.5	31.2	28.9	26	25.6	27.4	33.6	24.2	94	81	70	80	92	94	85.2	3.5
3	55.73	56.14	56.69	54.47	55.21	56.47	55.78	24	24	31.8	32.5	28.1	25.5	27.6	33.3	23.5	96	97	72	69	83	95	85.3	.8
4	55.82	56.16	56.41	54.43	55.31	56.72	55.81	24.6	24.5	28.7	30.9	26.4	25.6	26.8	31.2	24.1	96	96	81	74	91	93	88.5	.5
5	55.98	56.17	56.63	54.39	54.83	56.55	55.76	24.7	24.5	29.4	32.2	28.2	25.6	27.4	33.3	23.8	96	96	76	63	86	94	85.2	------
6	55.19	55.40	55.45	53.73	54.29	56.06	55.02	24.6	23.9	31.2	34.4	28.2	26.5	28.1	34.6	23.4	95	96	67	54	81	90	80.5	------
7	54.88	55.23	55.13	54.04	54.39	56.39	55.01	24.5	23.9	30.7	31.3	29.2	28.1	28	33.9	23.5	96	97	73	73	79	79	82.8	------
8	55.57	55.69	56.15	54.19	55.13	56.37	55.52	26.1	26.2	31.4	26.9	25.3	24.9	26.8	33.4	24.2	93	93	68	85	95	96	88.3	31.5
9	56.29	56.46	57.08	54.98	55.90	57.69	56.40	25.3	24.7	29.7	30.9	25.7	25.1	26.9	31.6	24.1	93	96	77	75	93	95	88.2	2.5
10	57.07	58.32	58.70	57.11	58.05	59.55	58.13	24.1	23.9	30.6	31.5	29	28.1	27.9	32.8	23	96	97	74	69	82	84	83.7	------
11	59.40	59.95	60.32	58.28	59.10	60.88	59.66	26.1	25.5	31.4	33.4	29.4	26.4	28.7	34.2	25.2	93	96	73	66	78	92	83	------
12	59.69	59.67	59.43	57.44	58.01	58.80	58.84	25.2	25	29.9	31.6	28.9	26.1	27.8	32.4	24.2	93	94	80	73	79	92	85.2	2.5
13	57.83	57.84	57.97	55.81	56.29	57.42	57.19	25.1	25.4	27.2	27.9	24.6	24.9	25.8	28.4	24.1	95	93	87	84	96	92	91.2	45.8
14	56.63	57.12	57.08	56.16	56.55	58.03	56.93	24.6	23.9	29.7	28.4	27.4	25.5	26.6	32.1	23.4	92	97	72	83	88	95	87.8	8.2
15	57.43	57.82	58.23	57.12	57.39	58.91	57.82	24.6	24	29.4	32	27.2	25.5	27.1	33	23.4	95	96	76	71	87	95	86.7	------
16	58.46	58.49	58.73	56.68	57.60	59.42	58.23	24.6	25.2	30.9	33.4	27.4	25	27.8	34.4	24.1	96	95	71	64	88	96	85	------
17	58.18	58.52	58.88	56.78	57.13	58.45	57.99	23.9	23.6	32.4	35	29.8	26.5	28.5	35.1	23	96	96	67	61	75	91	81	------
18	57.65	58.34	58.69	56.54	56.64	58.41	57.71	24.6	24.4	32.7	34.5	29.9	28.4	29.1	34.7	23.7	93	93	65	60	75	78	77.3	------
19	57.61	57.71	58.99	57.02	57.14	58.96	57.90	27.1	27.2	30.7	30.4	28.1	27.6	28.5	32.4	25.8	85	85	78	75	82	83	81.3	8.6
20	58.55	58.50	59.17	56.87	57.09	58.70	58.15	27.3	27.2	29.7	31	26.7	26	28	31.7	25.4	84	84	75	75	90	94	83.7	10.7
21	57.86	57.98	58.71	56.33	56.14	57.51	57.42	26.2	25.5	27.6	28.6	26.9	25.5	26.7	31.2	24.7	96	93	87	82	86	95	89.8	8.7
22	56.02	56.01	56.90	54.03	53.59	52.74	54.88	24.5	27.2	25.5	24.9	24.8	24.5	25.2	28.2	24	97	87	91	87	92	96	91.7	120.5
23	49	44.06	42.70	47.12	50.40	52.40	47.61	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	94.3
24	52	52.33	53.20	52.85	53.15	54.63	53.03	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	8.9
25	53.90	54.21	54.53	52.95	53.51	55.52	54.10	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
26	55.21	55.67	56.35	54.11	54.68	56.42	55.41	23.8	24.4	31.5	32.3	27.3	26.3	27.6	32.5	23.4	97	96	65	65	81	85	81.5	------
27	55.35	55.74	56.56	54.58	54.99	55.49	55.45	25.9	25.8	29.1	29.4	27.9	27.2	27.6	30.8	25	86	86	75	74	82	85	81.3	------
28	54.40	54.28	54.11	52.31	52.45	52.56	53.35	26.9	26.6	27.9	28.9	27.4	27.3	27.5	29.1	26.2	85	86	81	78	84	87	83.5	.8
29	51.67	51.92	53.66	52.30	53.01	54.52	52.85	27.2	27.1	29.4	30.3	27.9	27.6	28.2	30.7	26	84	83	79	72	81	81	80	.8
30	54.35	55.55	57.23	55	56.23	57.15	55.92	27.3	26.9	30	30.3	28.4	25.6	28.1	32	24.9	83	85	74	73	84	92	81.8	------
31	56.68	57.69	58.43	56.27	56.98	58.47	57.42	25.7	25	31.1	31.9	28.1	25.5	27.9	32.2	24.1	92	96	72	70	91	96	86.2	.8
Mean	56.18	56.31	56.76	55.06	55.65	57	56.16	25.3	25.2	30	31	27.6	26.2	27.6	32.4	24.2	92.5	92.4	75.3	72.2	85.1	90.4	84.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	364.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	W	NE	NE	ENE	NE	23.6	40.2	74.2	56.9?	194.9	4	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu.-N.
2	W	NNE	NNE	WNW	Calm	Calm	-----	-----	44.8	16.6	------	8	Ci.-S.	N.	10	Ci.-S.	Fr.-N.NNE
3	W	Calm	NE	ENE	Calm	Calm	20.1	-----	37.5	19.9	------	6	Ci. NE	Cu.	7	Ci.-S.	Cu.
4	Calm	Calm	SSW	SW	WNW	W	14.7	30.6	41.3	16.1	102.7	9	Ci.-S.	N.	10	Ci.-S.	Cu.-N. NW
5	Calm	Calm	Calm	NNW	Calm	Calm	19.5	30	47.7	12.9	110.1	8	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
6	Calm	Calm	ENE	NE	Calm	Calm	16.7	23.9	41.3	13.2	95.1	4	Ci.	Cu.	4	Ci.	Cu.-N.
7	Calm	Calm	NE	ENE	ENE	E	12.6	28.4	58.9	50.7	150.6	3	Ci.	Cu.	7	Ci.-S.	Cu.-N. ESE
8	Calm	Calm	NE	SSW	S	W	14.8	35.1	36.8	18.8	105.5	7	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. ESE
9	Calm	Calm	S	Calm	W	Calm	11.1	30	41.2	18.7	101	2	Ci.	Cu.	9	Ci.-S.	N. S
10	Calm	W	NE	ENE	ENE	Calm	15	29.8	67.3	35.7	147.8	4	Ci.	Cu.	3	Ci.	Cu. ENE
11	Calm	Calm	NE	NE	NNE	Calm	7	36.5	46.9	15.6	106	6	Ci.-S.	Cu. ENE	7	Ci.	Cu.-N.NE
12	Calm	W	NE	NE	ENE	W	16.4	38	59	23.3	136.7	8	Ci.-S.	N.	9	Ci.-S.	Cu.-N.NE
13	W	ENE	Calm	N	Calm	NE	17.2	42.4	29.3	35.4	124.3	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
14	Calm	Calm	NE	Calm	SE	Calm	13.7	29.2	21.7	14.8	79.4	2	Ci.	Cu.	8	Ci.-S.	Cu.-N. SE
15	Calm	Calm	E	E	S	Calm	18.2	28.4	48.6	14.3	109.5	3	Ci.	Cu. WSW	9	Ci.-S.	Cu.-N. SE
16	SW	WSW	Calm	E	SW	Calm	21.2	31.6	35.7	12.1	100.6	7	Ci.-S.	N. SW	8	Ci.-S. SE	Cu.-N. SW
17	Calm	W	NE	E	NE	Calm	17.1	32	54.7	11.6	115.4	0	------------	------------	2	Ci.-S. SE	Cu.
18	Calm	Calm	NE	ENE	ENE	NE	10.5	53.9	64.6	75.8	204.8	3	Ci. S	Cu. NE	2	------------	Cu. NE
19	N	NE	ENE	NNE	NNE	NNE	59.7	81	56.5	47.3	244.5	0	------------	------------	4	------------	Cu.-N.NE
20	N	N	NNE	NE	NNE	NNW	58.2	72.2	73.8	47.5	251.7	3	Ci.	Cu. NE	5	Ci.-S.	Cu.-N.NE
21	NE	Calm	Calm	ENE	Calm	Calm	26.2	30	53.6	14.5	124.3	3	------------	Cu.-N. NE	10	Ci.-S.	Fr.-N. ENE
22	NNW	NNE	NNE	Calm	NW	WNW	25.2	47.7	30.3	67	170.2	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N.NNE
23	WNW	W	SSW	S	S	S	119.3	-----	-----	94.3	------	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. SW
24	SW	SSE	S	S	Calm	Calm	74.5	105.1	79.5	12.9	272	5	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
25	Calm	Calm	S	SSW	Calm	Calm	18.2	77.5	76.9	12.4	185	4	Ci.	Cu.	4	Ci.	Cu.-N.
26	Calm	Calm	SW	SW	W	W	21.5	34.3	68.1	57.1	181	6	Ci.-S.	Cu.	7	Ci.-S.	Cu.
27	SW	WSW	WSW	WSW	SW	SW	53.4	82.9	87.9	51	275.2	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
28	SW	SSW	SW	SW	SW	SW	68.4	88.5	97.6	122.8	377.3	10	Ci.-S.	Fr.-Cu. W	10	Ci.-S.	Cu.-N. W
29	SW	SW	SW	WSW	SSW	SW	132.2	129	165.5	157.1	583.8	10	Ci.-S.	Fr.-N. WSW	8	Ci.-S.	Cu.-N. SW
30	SW	SW	SW	SE	SW	SW	116.5	82.3	82.1	45.3	326.2	10	Ci.-S.	Fr.-N. SSW	8	Ci.-S.	Cu.-N. SSW
31	Calm	SW	SSW	S	Calm	Calm	18.2	21.5	33.5	3.4	76.6	7	Ci.	Cu. SSW	9	Ci.-S.	Cu.-N. S
Mean	------	------	------	------	------	------	35.4	49.7	58.6	38.5	180.4	5.8	------------	------------	7.4	------------	------------

NOTE.—The thermometer-shelter of this station was partly destroyed during the typhoon of October 23.

LEGASPI.

[ϕ=13° 09′ N ; λ=123° 45′ E ; barometer above sea, 5.5 meters ; gravity correction not applied, −1.77 mm.]

NOVEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.18	59.17	59.74	57.36	58.14	59.63	58.70	25.8	25.6	30.4	33	28.8	27.2	28.5	33.6	24.5	95	96	76	69	82	87	84.2	2.5
2	58.97	58.82	58.63	56.28	56.36	55.95	57.50	27	26.9	30.4	32.1	28.4	27.5	28.7	32.2	26.3	86	85	73	66	81	84	79.2	18
3	52.87	49.88	46.50	47.44	52.33	56.20	50.87	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	88.5
4	56.24	58.61	59.84	57.67	57.81	59.93	58.35	-----	-----	31.3	31.7	28.9	28.1	30	32.2	-----	-----	-----	72	72	83	88	78.8	-----
5	59.55	59.75	59.60	57.66	58.08	59.11	58.96	27.2	26.9	31.7	33.4	28.7	27.5	29.2	33.4	25.6	93	94	73	66	82	81	81.5	3.3
6	58.30	58.78	58.80	56.84	57.68	58.64	58.17	26.3	26.8	29.4	31.9	28.5	27.6	28.4	32.4	25.3	86	82	74	65	80	84	78.5	6.6
7	57.76	58.58	58.89	57.14	57.54	58.70	58.10	26.6	24.9	30.5	31.7	27.6	27	28	32.1	24.2	90	92	74	70	84	86	82.7	5.8
8	58.07	58.27	59.14	57.27	58.01	58.90	58.28	26.6	24.9	31.2	33.2	27.9	25.4	28.2	33.4	24	86	92	69	67	83	92	81.5	1.3
9	57.84	58.63	58.35	55.91	56.87	57.11	57.45	26.8	26.3	30.8	30	25.9	25	27.5	32.2	24.6	90	91	69	72	87	92	83.5	17.5
10	55.31	54.29	54.38	54.23	55.88	57.82	55.32	24.9	25	24.3	25.3	24.4	24	24.6	25.4	23.2	92	93	97	92	94	95	93.8	69.9
11	57.05	57.97	58.81	57.46	57.89	58.91	58.02	23.4	23.6	30.2	28.5	26.9	26.4	26.5	32	22.9	97	98	75	79	87	90	87.7	-----
12	58.31	58.34	59.59	57.63	58.50	59.96	58.72	25.4	26.2	30.3	31.4	28.3	27.1	28.1	33.2	24	93	90	76	72	82	88	83.5	-----
13	59.16	59.77	60.14	58.62	58.66	60.11	59.41	26.8	25.4	29.9	32.2	28.8	26.9	28.3	32.6	24.6	86	93	77	69	78	86	81.5	-----
14	59.27	60.42	61.43	58.91	59.65	60.65	60.06	26.6	26.3	30.2	32.5	28.1	26.8	28.4	32.7	25.5	86	85	70	63	77	85	77.7	.8
15	59.79	60.74	61.29	58.39	58.88	59.65	59.79	26	25.2	29.8	32.3	26.9	26.8	27.8	33.3	23	85	88	73	64	89	85	80.7	1.5
16	58.65	58.95	59.83	57.82	58.38	59.55	58.86	26.6	26.2	30	31.4	27.8	25.5	27.9	33.6	25	86	86	71	66	82	93	80.7	4
17	58.48	58.52	59.91	57.86	58.16	59.55	58.75	26.4	26.5	25.9	25.5	25.9	25	25.9	27.5	24.2	86	87	91	94	83	88	88.2	38.9
18	58.89	59.75	60.90	59.59	59.78	61.06	60	26	26.4	29.2	29.6	26.5	26	27.3	30.4	25	82	79	69	70	84	85	78.2	1.8
19	60.06	60.24	61.20	59.34	59.70	60.62	60.19	25.8	25.7	27.4	29.5	26.3	26	26.8	31.1	23	86	86	84	72	85	83	82.7	4
20	59.66	60.06	61.01	58.81	58.86	59.61	59.67	25.7	26.4	29.2	28.2	26.9	26.5	27.2	30.2	24.3	84	86	73	80	87	88	83	16.6
21	58.79	59.09	59.79	57.68	57.67	58.63	58.61	26.2	26	26.6	31.3	27.6	26.5	27.4	31.5	23.9	89	88	92	70	81	87	84.5	12.2
22	57.82	58.13	58.94	56.89	57.65	58.57	58	26.1	24.6	27.7	29	25.5	25.6	26.4	30	24.1	89	93	77	73	90	92	85.7	19.5
23	57.77	58.82	58.72	56.38	56.86	57.70	57.71	25	24.5	27.9	28.7	26.4	26.2	26.4	29.5	23.5	94	95	78	75	85	85	85.3	14.5
24	56.89	57.[illegible]8	57.65	55.86	56.04	56.97	56.75	24	23	29.2	31.8	27.3	26.6	27	32.3	22.2	94	96	77	70	87	90	85.7	.8
25	56.14	56.62	57.30	55	55.62	56.62	56.22	25.3	26	29.4	29.7	27.6	26	27.3	30.6	24	93	92	78	78	85	93	86.5	.8
26	55.48	55.99	56.96	55.43	56.32	57.36	56.26	25.3	24.5	30.1	30.3	27.5	26.5	27.4	32.4	23.5	94	96	73	74	86	92	85.8	3.3
27	56.42	57.59	58	55.69	55.83	57.49	56.84	25.9	24.1	30.3	31.6	28.4	26.9	27.9	31.7	23.9	92	96	76	70	81	90	84.2	-----
28	57.44	57.67	57.91	56.46	56.81	58.09	57.40	26.6	26.4	30.6	33.2	27.8	27.3	28.6	33.5	26.2	90	89	74	66	85	84	81.3	-----
29	57.28	58.22	58.68	56.76	57.75	59.06	57.96	26	23.5	30.4	33	28.9	27.3	28.2	33.2	23	86	95	74	63	78	86	80.3	4.8
30	57.86	58.62	59.68	57.80	58.70	59.40	58.68	26.8	25.9	28.2	29.9	26.3	26.5	27.3	31.7	25.2	89	93	82	77	89	88	86.3	9.4
Mean	57.81	58.25	58.72	56.87	57.55	58.72	57.99	26	25.5	29.4	30.8	27.4	26.5	27.6	31.7	24.2	89.2	90.6	76.4	71.9	84	87.8	83.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	346.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	ENE	E	NE	NE	10.7	20.3	76.4	67	174.4	10	Ci.-S.	Fr.-N.ESE	5	Ci.	Cu.-N.
2	N	N	NE	NNE	NE	N	50.5	97.4	118.6	75.6	342.1	1	-----	Cu.	7	Ci.	Cu.-N.NE
3	N	WNW	SW	SW	S	SW	79.7	174.9	285	81.6	621.2	10	Ci.-S.	Fr.-N. NNE	10	Ci.-S.	Fr.-N.SW
4	S	SW	SSE	NE	Calm	NE	42.8	39.9	52.8	40.2	175.7	8	Ci.-S.	Cu.	6	Ci.	Cu.-N. SSE
5	Calm	E	ENE	NNE	NE	N	23.6	52.9	79.7	57.3	213.5	3	-----	Cu. E	2	Ci.	Cu.-N.
6	N	NE	NE	NE	NE	NE	74.8	130.9	86.1	-----	-----	1	-----	Cu.	4	-----	Cu.-N. NE
7	N	SE	ENE	ENE	NNE	NE	-----	-----	-----	-----	-----	5	-----	Cu.-N.	2	-----	Cu.-N. E
8	NE	Calm	NE	ENE	NE	Calm	-----	62.8	69.7	52.5	-----	1	Ci.	Cu.	2	Ci.	Cu. E
9	N	NNW	NE	ENE	N	Calm	38	101.9	123.3	22	285.2	3	Ci.	Cu. NE	8	Ci.-S.	Cu.-N.NNW
10	Calm	NW	SSW	S	Calm	Calm	39.4	85.9?	88.7	12.7	226.7	10	Ci.-S.	Fr.-N.NNW	10	Ci.-S.	Fr.-N. S
11	Calm	Calm	NE	SW	Calm	Calm	1.6	17.7	29.2	9.5	58	3	Ci.	Cu.	10	Ci.-S.	Fr.-N. S
12	Calm	NNE	ENE	NE	NE	NNE	2.9	53.1	63.1	45.4	164.5	1	Ci.	Cu. ENE	3	-----	Cu.-N.ESE
13	NE	Calm	NE	E	NE	Calm	32.5	37.3	56.9	44.1	170.8	1	Ci.	Cu. E	3	-----	Cu.-N.
14	N	NE	NE	E	ENE	NNE	58.5	72.6	72.9	55.5	259.5	0	-----	-----	1	A.-Cu. SE	Cu.
15	N	Calm	NNE	NNE	ENE	NNE	34.6	67.6	76.6	73.2	252	1	Ci.	Cu. ENE	2	-----	Cu.-N.NE
16	NNE	NNE	NNE	ENE	NE	N	71.1	70.6	63.3	56.3	261.3	1	-----	Cu. NE	2	Ci.	Cu.-N.ENE
17	NNE	NNE	NNE	ENE	NE	ENE	49.4	69.4	78.1	74.2	271.1	2	Ci.	Cu.-N. NE	10	Ci.-S.	N.
18	NE	NE	NE	NE	NNE	N	76.9	114.3	121.8	85	398	3	Ci.	Cu.	6	Ci.-S.	Cu.-N.NE
19	NNE	NNE	NE	NE	NNE	NE	81.3	93.3	113.8	98.7	387.1	1	-----	Cu. ENE	7	A.-Cu.	Cu.-N.ENE
20	NE	NNE	NE	NNE	NE	NE	89.5	104.8	98.2	76.9	369.4	9	Ci.-S.	N. ENE	9	Ci.-S.	Fr.-N.NE
21	SE	NNE	ENE	NE	NE	N	75.9	73.2	84.5	77.7	311.3	7	Ci.-S.	Cu.-N.ENE	6	Ci.	Cu.-N.NE
22	NNE	NE	NE	NE	NE	NE	87.2	96.6	105.2	81.9	370.9	10	Ci.-S.	N. NE	7	A.-Cu. E	Cu.-N.
23	NE	NNE	NNE	NNE	NNE	NE	77.9	93.5	84.8	57.6	313.8	10	Ci.-S.	N. NE	8	Ci.-S.	Fr.-N.NE
24	Calm	Calm	ENE	NE	NE	Calm	8.5	26.8	42.9	22.7	100.9	1	-----	Cu.	2	-----	Cu.-N. E
25	Calm	NE	NE	NE	NE	Calm	11.8	43.7	43.8	15.1	114.4	6	Ci.	Cu.-N.ENE	8	Ci.-S.	Cu.-N.ENE
26	Calm	Calm	NE	NNE	NE	Calm	2.4	29.5	58.5	25.2	115.6	3	Ci.	Cu. E	9	Ci.-S.	Fr.-N. E
27	ENE	Calm	NNE	ENE	NE	Calm	18.8	28.8	48.9	38.6	135.1	3	Ci.	Cu.	6	Ci.-S.	Cu.-N. E
28	NNE	NE	NE	ENE	NE	NE	50.5	50.4	61.4	60.7	223	1	-----	Cu.	1	-----	Cu. SE
29	Calm	Calm	NE	ENE	NE	NE	17.7	28	65.8	56	167.5	0	-----	-----	2	Ci.	Cu.-N.
30	NE	Calm	NE	NE	NNE	NNE	42.8	48.5	88.8	69.2	249.3	10	Ci.-S.	Fr.-N. E	8	Ci.-S.	Cu.-N.NE
Mean	-----	-----	-----	-----	-----	-----	44.7	68.5	84.1	54.7	249.3	4.2	-----	-----	5.5	-----	-----

NOTE.—The thermometer-shelter of this station was partly destroyed during the typhoon of November 3.

LEGASPI.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.77 mm.]

DECEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.49	59.09	60.34	58.46	58.46	59.57	59.07	25.1	26	26.3	25.5	25.7	26.7	25.9	28	23.6	92	91	92	93	92	90	91.7	26.2
2	58.49	59.43	60.52	58.58	58.18	59.57	59.13	25.4	24.4	23.9	24.3	24.8	25	24.6	25.5	23.2	92	96	95	95	97	96	95.2	66.5
3	58.03	58.70	59.62	57.66	58.02	58.92	58.49	23.9	24.4	24.6	27.1	25.1	25	25	27.4	23	97	94	93	78	91	91	90.7	32.8
4	57.91	58.23	59.35	57.34	57.78	58.81	58.24	25.3	24.5	27.6	28.3	26.4	25.7	26.3	28.8	23.8	91	92	75	72	82	82	82.3	1.3
5	56.63	56.27	57.52	55.25	55.67	55.43	56.13	25.4	25.9	27.5	29	25.4	25.9	26.5	29.3	24.8	83	92	81	71	88	76	81.8	5.1
6	53.73	52.44	51.36	47.25	43.94	34.83	47.26	25.4	24.5	24.9	25.5	25.9	-----	25.2	27.4?	23.9?	78	92	90	88	85	-----	86.6	177.8
7	40.82	48.05	52.21	51.37	52.99	54.77	50.04	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10.2
8	54.63	55.78	56.17	54.95	56.24	57.66	55.90	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
9	56.17	57.08	57.80	56.04	56.80	57.85	56.96	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
10	57.37	57.76	58.27	56.84	57.72	57.87	57.64	26.2	26.1	28.7	30.2	24.8	24.5	26.8	31.2	24.1	90	89	79	73	92	92	85.8	10.2
11	56.74	57.15	57.93	56	56.31	57.52	56.94	24.2	23.4	26.6	28.9	27.4	25.4	26	29.2	23	93	97	88	79	89	93	89.8	-----
12	56.61	57.32	57.95	55.93	56.41	57.68	56.98	24.7	23.8	27.7	29.9	26.6	25.5	26.4	30.1	23.4	92	97	79	72	87	92	86.5	-----
13	56.68	56.92	57.65	55.60	56.06	57.54	56.74	24.4	23.9	29.6	30.3	26.5	25	26.6	31.1	23.6	94	96	73	73	89	91	86	-----
14	56.74	57.39	58.15	56.07	56.91	58.30	57.26	23.4	23	29.5	32.5	28.7	27.1	27.4	32.9	22.6	97	96	75	63	79	87	82.8	6.4
15	57.21	58.18	58.94	56.92	57.38	58.72	57.89	25.4	23.9	28.1	31.3	28.3	26.1	27.2	31.7	23.6	91	97	84	71	82	89	85.7	2.3
16	58.26	58.25	59.64	57.55	58.11	58.98	58.46	24.4	26.1	29.8	30.1	28.2	27	27.6	32.2	24.1	96	92	75	76	84	89	85.3	3.3
17	58.22	58.77	60.10	57.59	57.91	59.34	58.66	25.1	23.5	29.7	32.4	28.5	27.4	27.8	32.4	23.4	94	96	79	66	79	83	82.8	-----
18	58.31	59.03	60.28	58.39	58.82	60.16	59.16	26.3	26.5	28.4	27.1	26.4	25.8	26.8	29.6	25	90	87	77	84	86	88	85.3	25.9
19	59.03	59.39	60.45	59.09	59.82	60.96	59.79	25.6	25.1	26.3	25.5	24.6	24.5	25.3	26.7	24	88	90	90	93	96	95	92	98
20	60.16	60.25	61.71	59.46	59.64	60.96	60.36	24.9	24.7	25.7	26.7	25.7	25	25.4	26.7	24.1	94	94	92	86	89	94	91.5	16.7
21	59.97	59.70	61.56	59.80	59.62	60.30	60.16	25.3	26	25.8	24.8	24.7	24.9	25.2	27.9	24.1	92	88	93	85	94	93	90.8	90.2
22	59.37	60.05	61.63	58.83	58.93	59.77	59.76	23	23.7	22.7	24.5	24.7	25.4	24	25.7	22.1	91	88	96	94	93	88	91.7	92.5
23	59.07	59.62	61.24	59.17	59.66	60.88	59.94	25.5	25.6	25.9	26.7	24.6	24.4	25.4	26.7	23.5	88	92	92	88	91	88	89.8	43.8
24	59.53	59.46	60.80	58.65	59.24	59.81	59.58	23.8	24	25.9	26.9	25.3	25.4	25.2	26.9	23.2	91	88	87	83	91	87	87.8	39.4
25	58.85	58.92	59.75	58.27	58.26	58.93	58.83	25.5	25.5	26.9	27	25.4	25.5	26	28	24.7	88	89	88	88	93	92	89.7	23.4
26	58.63	58.88	59.66	57.54	57.80	58.26	58.46	25	25.6	27.6	27.8	26.4	26.5	26.5	28.8	24.9	92	91	84	85	88	86	87.7	3.1
27	57.66	57.77	58.82	55.93	56.92	57.33	57.40	25.9	26.1	28.2	31.2	27.2	26	27.4	31.2	25.1	85	88	84	71	88	90	84.3	11.8
28	56.83	56.89	58.04	55.80	56.68	57.77	57	25.6	25.8	28.7	31.3	28.3	26.9	27.8	31.7	24.4	91	92	82	73	83	88	84.8	-----
29	56.86	57.28	58.15	56.27	57.08	58.90	57.42	26.4	26	29.1	30.4	28.4	27.1	27.9	31.6	25.3	90	92	80	78	83	90	85.5	-----
30	57.81	58.60	59.66	57.83	58.39	59.25	58.59	26.4	25.9	30.1	32.5	28.7	27	28.4	32.6	25.6	90	89	77	66	80	89	81.8	-----
31	58.50	58.85	59.93	57.54	58.07	58.87	58.63	26.5	26.6	28.4	30.7	27.4	26	27.6	30.7	25.5	90	90	79	67	81	89	82.7	-----
Mean	57.20	57.79	58.88	56.84	57.22	57.92	57.64	25.1	25	27.3	28.5	26.4	25.8	26.4	29.4	24	90.7	92	84.2	79	87.6	89.2	87.1	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	786.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	NNE	NE	NE	NNE	NE	21.5	108.1	-----	95.6	-------	9	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N.
2	NNE	NNE	NE	NE	NE	NNE	85.9	41.2	64.4	101.2	292.7	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N. E
3	NE	NNE	NNE	NE	NNE	NNE	59.7	86.9	99.3	98.7	344.6	10	-------------	N.	10	Ci.-S.	Fr.-N. E
4	NNE	NNE	NE	NE	N	N	89	90.4	92.3	70.2	341.9	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NNE
5	NNE	NNE	NNE	N	N	N	124.4	121.7	95.3	78.3	419.7	10	Ci.-S.	N. NE	10	Ci.-S.	Cu.-N. NNE
6	NW	NW	N	NNW	NW	SW	81.1	104.9	166.2	347.5	699.7	10	Ci.-S.	N. N	10	Ci.-S.	Fr.-N. N
7	SW	SW	S	S	S	Calm	-----	-----	77	44.9	-------	10	Ci.-S.	Fr.-N. S	10	Ci.-S.	Fr.-N. SSW
8	Calm	Calm	SE	SSW	Calm	E	13.9	25.7	29.8	12.1	81.5	2	Ci.	Cu.	4	A.-Cu.	Cu.-N. S
9	Calm	Calm	Calm	NE	NE	NE	8.5	10	45.9	41.8	106.2	3	Ci.	Cu.	4	Ci.-S.	Cu.-N. ENE
10	NE	NE	NE	NE	Calm	Calm	38.9	30	67.3	11.8	148	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Cu.-N. NE
11	Calm	Calm	Calm	N	NE	Calm	28.4	17.1	47.8	14.2	107.5	10	Ci.-S.	N.	7	Ci.-S.	Cu.-N. E
12	Calm	SW	SW	SSW	SSW	Calm	17.9	40.7	61.8	13.1	133.5	3	A.-Cu.	Cu. S	7	Ci.-S.	Cu. SSW
13	Calm	Calm	SW	SE	SW	Calm	6.6	18.8	27.4	19.3	72.1	3	Ci. W	Cu.	8	Ci.-S.	Cu.-N. SW
14	Calm	Calm	NE	E	NE	Calm	3.7	17.7	43.5	18.8	83.7	8	Ci.-S.	Cu.	3	Ci.	Cu.-N. SE
15	Calm	WSW	NE	E	E	Calm	7	27.1	49.4	18	101.5	10	Ci.-S.	N. NE	2	A.-Cu.	Cu.-N.
16	Calm	NE	Calm	E	NE	N	18.7	33.8	59.2	43.3	155	2	Ci.	Cu. NE	3	Ci.	Cu.-N. NE
17	Calm	Calm	NE	NE	ENE	ENE	3.7	24.1	68.9	56.1	152.8	2	A.-Cu. ENE	Cu.	1	-------------	Cu.
18	NE	NNE	NE	N	NNE	NE	50.1	94.3	89.5	92.3	326.2	2	Ci.	Cu.	8	Ci.-S.	N. ENE
19	NE	N	NE	NNE	NE	NE	96.6	122.6	114	97.6	430.8	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
20	NNE	NE	NNE	NNE	NNE	NNE	120.1	98.8	107.8	99.8	426.5	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. NE
21	NNE	NNE	NE	NNE	ENE	NE	90.1	82.9	71.6	63.1	307.7	8	Ci.-S.	N. ENE	10	Ci.-S.	Fr.-N. NE
22	SW	Calm	W	ENE	ENE	ENE	30.3	32.8	107.3	164.7	335.1	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. NE
23	ENE	ENE	ENE	ENE	NE	N	172.5	127.9	118.1	110.2	528.7	10	Ci.-S.	N. NE	9	Ci.-S.	Fr.-N. NE
24	NE	NNE	NNE	NNE	NE	N	112.9	133.6	112.3	90.9	449.7	10	Ci.-S.	N. ENE	9	Ci.-S.	Fr.-N. NE
25	NNE	N	NNE	NE	NNE	N	84.5	104.9	98	112.4	399.8	10	Ci.-S.	N. ENE	10	Ci.-S.	Fr.-N. ENE
26	NNE	NNE	NE	NE	NNE	N	85.3	101.1	93	67	346.4	5	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	Fr.-N. ENE
27	NNE	NNE	NE	ENE	NE	NE	46.9	73.5	72.6	49.7	242.7	7	Ci.-S.	Fr.-N. NNE	8	Ci.-S.	Cu.-N. NE
28	NNE	NNE	NE	NE	NE	NNE	24.6	33.5	65.7	59.3	183.1	6	A.-Cu.	Cu.-N. E	3	A.-Cu. ESE	Cu.-N.
29	NNE	N	NNE	NE	NE	N	45.1	49.9	61.4	37.2	193.6	2	A.-Cu.	Cu. ENE	2	A.-Cu. SE	Cu.-N.
30	NNE	NE	NE	ENE	NE	NNE	46.7	62.8	63.1	77.2	249.8	1	Ci.	Cu. ENE	3	Ci.	Cu.-N. NE
31	NNE	NNE	NE	NE	NNE	N	70.5	87.2	79.1	77	313.8	5	Ci.	Cu. NE	8	Ci.-S.	Cu.-N. NE
Mean	------	------	------	------	------	------	56.2	66.8	78.3	73.7	275	7	-------------	-------------	7.4	-------------	-------------

NOTE.—The thermometer-shelter of this station was partly destroyed during the typhoon of the 6th. and 7th.

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

JANUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginnig 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.82	60.86	62.06	60.07	60.80	61.43	61.01	25.6	25.5	27.7	29.5	26.7	24.9	26.6	30.2	22	82	84	73	63	71	82	75.8	------
2	61.23	61.39	62.57	60.29	60.66	61.45	61.26	25	25.6	26.6	28.6	26.5	24.9	26.2	29.1	21.2	81	78	75	71	80	87	78.7	1.5
3	60.66	61.15	62.57	60.79	61.75	62.75	61.61	25.8	25.9	27	28.2	26.1	25	26.3	29	24.3	84	81	83	75	80	87	81.7	6.9
4	61.77	61.95	63.22	61.30	62.38	62.81	62.24	25.5	25.8	25.5	28.2	26.6	26.1	26.3	28.8	25.3	84	84	87	74	82	85	82.7	.8
5	62.05	62.18	62.67	60.46	61.36	62.03	61.79	25.8	25.6	26.4	25.4	25.5	25.7	25.7	27	24.9	86	87	87	93	94	93	90	17.5
6	61.03	61.57	62.11	59.94	60.27	61.03	60.99	25.2	24	27.1	27.5	26.8	26	26.1	28.8	23.6	93	94	85	80	87	94	88.8	23.9
7	60.12	60.73	61.32	58.81	59.32	60.55	60.14	23.8	23.5	26.5	27.7	27.1	25	25.6	29.6	23.1	93	96	86	79	87	94	89.2	------
8	59.82	60.47	61.78	60.06	60.84	61.25	60.70	24.6	24	26.3	25.7	24.8	25.5	25.2	26.8	23.5	95	96	89	90	90	92	92	28.4
9	60.71	61.26	62.93	60.68	61.55	62.55	61.61	25.1	24.8	24.5	25	25.4	25.3	25	26.2	23.8	92	90	93	92	85	84	89.3	32.5
10	61.72	61.92	63.68	61.16	62	62.86	62.22	25.1	25	27.3	28.5	26.3	25.5	26.3	28.8	23.9	84	83	70	74	79	84	79	------
11	61.75	62.52	63.45	61.30	61.82	62.15	62.16	22.7	22.3	27.5	28	27	25	25.4	28.9	21.9	96	96	81	73	80	88	85.7	------
12	61.55	61.89	62.99	61.20	62.10	63.58	62.22	22.8	21.6	26.6	27.6	26.7	25.5	25.1	28.7	21.1	89	96	78	63	73	77	79.3	------
13	62.64	63.18	64.10	62.42	63.41	64.28	63.34	25	24.7	26.6	26.1	26.6	25.6	25.8	27.6	21.1	76	79	72	84	80	79	78.3	------
14	63.17	63.01	64.64	62.74	63.15	63.98	63.45	25.6	25.4	27.4	29.4	26.6	25.5	26.6	30	24.9	78	78	70	69	74	76	74.2	------
15	63.34	63.76	65.08	62.87	63.51	64.76	63.89	25	25	27.2	29.8	26.2	25.5	26.4	30.3	24.6	77	76	65	62	71	75	71	------
16	63.69	64.61	65.45	63.45	64.61	65.29	64.52	25.2	25	28.2	28.8	26.2	25.5	26.5	29.6	24.6	76	76	66	67	73	75	72.2	------
17	64.58	64.89	65.60	63.31	64.12	64.76	64.54	24.9	24.9	28.1	29.6	26.5	25.5	26.6	30.2	24.6	77	77	68	64	75	77	73	------
18	63.91	64.41	65.20	62.79	63.29	63.92	63.92	25	25	28.7	29	26.7	26	26.7	30.1	24.5	80	81	66	69	79	80	75.8	------
19	62.67	63.11	63.55	60.91	61.99	62.87	62.52	25.2	25	27.4	29.6	26.5	25.7	26.6	30.4	24.5	80	80	70	64	73	78	74.2	------
20	61.62	61.95	61.75	60.09	60.59	61.67	61.28	21.8	21.4	25.7	27.3	26.5	26.1	24.8	27.6	20.9	91	92	81	73	79	83	83.2	2.5
21	60.62	61.56	62.43	60.51	61.16	62.43	61.45	25.7	25.2	27.2	27.4	26.4	25.9	26.3	28.5	24.9	84	85	81	77	80	82	81.5	------
22	61.30	62.25	63.43	60.91	61.87	62.75	62.08	25.7	25	26.4	25.2	25.8	24.7	25.5	27.4	24.4	79	84	81	92	85	94	85.8	25.6
23	61.64	62.17	62.84	60.65	61.23	62.18	61.78	24	23.6	25.5	28.1	26.2	25.7	25.5	28.2	23	93	96	80	77	83	84	85.5	8.9
24	60.98	61.47	62.37	60.21	61.26	62.42	61.45	25.2	24.2	25.9	28.1	26.1	25.7	25.9	28.5	23.9	82	89	85	76	79	78	81.5	------
25	61.85	62.17	63.75	61.07	61.60	62.56	62.17	25.6	25.5	24.9	27.4	26.4	25.6	25.9	27.7	23.6	81	83	88	78	85	86	83.5	1.5
26	61.25	62.47	63.40	61.05	61.65	62.46	62.05	25	22.4	27	27	26.7	26	25.7	29.4	22	80	93	72	72	82	85	80.7	------
27	61.16	61.39	62.52	60.17	60.57	61.60	61.24	24.6	21.6	27.5	28.5	26.5	26	25.8	29.5	21.4	80	95	74	64	80	80	78.8	------
28	60.36	60.85	62.48	60.27	60.96	61.92	61.14	25.6	25	26.6	27.4	26.4	25.6	26.1	27.8	24.6	82	86	68	75	85	87	80.5	------
29	61.29	61.61	63.17	61.18	61.06	62.02	61.72	25	25	27.3	25.3	26.2	25.9	25.8	29.3	23.5	83	83	74	84	84	85	82.2	6.4
30	60.89	61.44	63.07	61.27	62.18	62.90	61.96	24.9	23.8	24.9	26	25.9	25.1	25.1	26.4	23.4	81	89	88	84	84	88	85.7	.5
31	62.18	62.31	63.27	61.26	61.50	62.42	62.16	25.2	25.3	28	28	26.6	26	26.5	29.2	24.6	82	81	73	68	80	83	77.8	------
Mean	61.69	62.15	63.21	61.07	61.76	62.63	62.08	24.9	24.4	26.8	27.7	26.3	25.5	25.9	28.7	23.5	83.9	86.1	77.7	75	80.6	83.9	81.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	156.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	ENE	NE	NE	NE	56.3	59	82.7	51.2	249.2	8	Ci.	S.-Cu. NE	2	Ci.	Cu.
2	NE	NNE	N	NNE	NE	E	61.2	79.7	83.4	49.9	274.2	8	Ci.	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
3	NE	NE	NE	NE	NE	NE	65.8	75.3	79.7	72.1	292.9	8	Ci.	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
4	NE	NE	NEbyE	NE	NE	NE	66.6	72.4	75.6	60.7	275.3	10	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
5	NE	NE	NE	N	NE	N	57.7	59.3	56.9	68.7	242.6	10	Ci.-Cu.	S.-Cu. E	10	Ci.	N. NE
6	N	N	N	N	N	N	37.2	55.2	79.9	58.1	230.4	9	Ci.	S.-Cu. NE	9	A.-Cu. E	S.-Cu. E
7	NW	NW	N	N	Calm	NW	49.4	43.8	38.1	48.9	180.2	8	A.-Cu. W	S.-Cu. NE	4	------------	Cu.
8	NW	NW	N	NE	NE	NE	49.4	72.2	93.3	68.2	283.1	9	Ci.	S.-Cu. NE	10	Ci.	N. NE
9	NE	NE	NE	NE	NE	NE	80	83.7	82.7	71.8	318.2	10	------------	N. NE	10	A.-Cu.	N. NE
10	NE	NE	NE	NE	NE	Calm	67.9	37.6	53.9	22.8	182.2	6	A.-Cu. ENE	------------	9	A.-Cu. E	S.-Cu. E
11	NE	NE	NE	NE	N	Calm	52.9	39.9	71.1	40.8	204.7	4	A.-Cu. E	S.-Cu. E	3	Ci.	Cu.
12	N	NW	Calm	NW	NW	NE	54.1	38.3	61.8	-----	-------	4	Ci. SW	S.	3	Ci.	Cu.
13	NE	Calm	NE	NE	NE	NE	-----	-----	67	65.7	-------	3	Ci.	S.-Cu. E	10	Ci.	S.-Cu. NE
14	NE	NE	NE	NE	NE	NE	69.8	71	68.7	66.6	276.1	3	Ci.	S.-Cu. NE	4	Ci.	Cu. NE
15	NE	NE	NE	NE	NE	NE	65.8	65.7	62	63.9	257.4	2	Ci.	S.-Cu.	4	Ci.	Cu. NE
16	NE	NE	NE	NE	NE	NE	64.1	61.5	55.7	55.2	236.5	7	Ci. W	S.-Cu. NE	7	Ci. NE	Cu. NE
17	NE	NE	NE	NE	NE	NE	55.2	57.3	55	59.2	226.7	7	Ci. NNW	Cu. NE	7	Ci.	Cu. NE
18	NE	NE	NE	NE	NE	NE	60	59.3	49.6	55	223.9	3	Ci.	Cu.	4	Ci.	Cu. NE
19	NE	NE	NE	NE	NE	NE	51.8	51.5	63.8	55	222.1	5	A.-Cu. NE	S.-Cu. NE	2	------------	Cu.
20	Calm	Calm	NE	NbyW	N	N	29.6	37.8	45.3	63	175.7	4	------------	S.-Cu. NNE	4	------------	Cu. NE
21	NE	NE	NE	N	N	N	61.5	52	59.3	66.5	239.3	9	A.-S.	S.-Cu. NE	9	A.-Cu. E	S.-Cu. NNE
22	N	N	N	N	NE	NE	60.7	44.1	47.8	57.3	209.9	9	A.-Cu. E	S.-Cu. NNE	9	Ci.	S.-Cu. NNE
23	NE	NE	Calm	NE	NE	NE	64.2	40.2	50.1	47	201.5	10	Ci.	Fr.-N. NE	7	A.-Cu. ENE	N. NE
24	NE	NE	E	NE	NE	NE	55.2	51.3	51.3	60.9	218.7	10	Ci.-S.	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
25	NE	NE	E	NE	NE	NE	52.9	45.3	53.3	51.8	203.3	10	Ci.-S.	S.-Cu. NE	6	------------	Cu. NNE
26	NE	NE	NE	NE	NE	NE	35.9	35.4	57.3	54.2	182.8	9	A.-Cu. NE	S.-Cu. NE	9	A.-Cu. NE	Cu. NE
27	NE	NE	Calm	NE	NE	NE	31.9	26.3	46.2	58.2	162.6	1	A.-S.	Cu.	4	------------	Cu. NE
28	NE	NE	N	N	N	E	60.1	48.9	45.6	44.9	199.5	9	------------	S.-Cu. N	5	A.-S.	Cu. N
29	E	NE	Calm	Calm	NE	NE	38.1	23.3	36.5	48.6	146.5	8	Ci.	S.-Cu. NE	8	A.-Cu. ENE	S.-Cu. NE
30	Calm	Calm	NE	NE	NE	NE	28	35.1	46.2	59.7	169	10	Ci.-S.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
31	NE	NE	Calm	NE	NE	NE	52.8	27.4	56.9	50.5	187.6	9	Ci.	S.-Cu. ENE	9	A.-Cu. NNE	Cu. NNE
Mean	------	------	------	------	------	------	54.5	51.7	60.5	56.5	223.2	7.2	------------	------------	6.9	------------	------------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, −1.74 mm.]

FEBRUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.68	62.42	63.06	61.19	61.01	62.42	61.96	23.8	21.7	27.6	28.3	26.8	26	25.7	29.5	21	87	96	70	68	79	84	80.7	-----
2	61.09	61.58	62.34	60.26	59.72	60.79	60.96	22	20.7	27	28.8	26.3	22.2	24.5	30	20.5	89	97	75	69	76	92	83	-----
3	60.33	60.36	61.66	59.74	59.87	61.37	60.56	21	20	26.7	27.5	26.5	21	23.8	29.3	19.6	93	98	82	63	67	91	82.3	-----
4	60.03	60.88	61.33	59.44	60.22	61.22	60.52	19.4	18.7	26.7	29.5	26.7	22	23.8	29.9	18	90	90	77	64	75	93	81.5	-----
5	60.43	61.90	62.53	60.29	60.74	61.78	61.28	20.7	19.5	27.3	28	26.9	25.6	24.7	28.9	19.2	91	96	76	65	71	79	79.7	-----
6	60.42	61.48	62.39	60.20	60.41	61.27	61.03	20.9	19.7	26.7	27.6	26.6	25.7	24.5	28	19.4	88	93	71	72	77	81	80.3	-----
7	59.97	60.84	61.98	60.07	60.51	61.52	60.82	25.1	21.9	27.4	28.1	27.2	23.2	25.5	29.8	21	82	96	78	72	72	93	82.2	-----
8	60.98	61.53	62.83	60.52	60.80	62	61.44	21.6	20.5	27.6	29.3	27.5	26.8	25.6	30	20.2	93	99	74	55	70	78	78.2	-----
9	61.40	61.96	63.22	60.99	61.09	61.76	61.74	25.5	23.6	28.4	29.7	27.2	26.4	26.8	30	22.5	80	87	72	70	78	81	78	-----
10	60.78	61.19	62.43	59.64	59.74	60.50	60.71	26.1	25.1	27.8	28.6	27.3	26.5	26.9	30	24	82	83	74	73	79	80	78.5	-----
11	59.33	59.93	61.22	59.10	59.41	61	60	25.9	23	28.3	29	27.5	26.2	26.6	30	22.9	83	96	78	71	79	82	81.5	-----
12	60.13	60.27	61.11	59.22	59.57	60.90	60.20	24.7	23.1	27.1	29.6	27.2	27.1	26.5	31.4	22.6	87	95	78	71	75	81	81.2	0.3
13	60.13	60.59	61.87	59.72	59.87	61.25	60.57	26	23.5	29.8	30.4	28.3	26	27.3	31.5	23	84	91	72	66	75	86	79	-----
14	60.37	61.07	63.10	61.15	61.91	63.36	61.83	23	25.1	28.1	30.5	28	26.4	26.8	31.6	22.3	90	80	67	62	70	75	74	-----
15	62.28	62.94	63.95	62	61.92	63.35	62.74	25.2	23.8	29.6	30.2	28	26.1	27.2	31.3	22.4	82	91	67	68	74	85	77.8	-----
16	62.82	62.86	63.56	61.37	61.89	62.46	62.49	25.4	25.2	29.2	29.6	27.5	26.4	27.2	30.7	24.9	87	88	68	65	73	80	76.8	-----
17	61.42	62.09	63.61	60.94	60.62	61.46	61.69	25.4	21	27.1	28	27.5	26.2	25.9	29	20.6	80	91	75	67	74	79	77.7	-----
18	60.24	61.49	63.15	61.19	61.37	62.71	61.69	23	20.9	27.9	28.4	27	24.1	25.2	29.4	20.6	91	93	68	56	63	80	75.2	-----
19	62.04	62.44	63.79	61.44	61.31	62.17	62.20	20.1	19.5	27.7	28.1	27.6	22.4	24.2	29.9	19	93	94	72	63	64	88	79	-----
20	61.17	61.49	62.86	60.71	61.34	62.63	61.70	21.4	20.5	27.5	28.5	26.2	26	25	30.2	20	91	95	73	63	80	84	81	-----
21	61.42	62.31	63.06	60.61	61.21	62.46	61.84	25.4	23.7	27.8	28	27	26.5	26.4	30.6	23.3	80	81	67	65	77	77	74.5	-----
22	61.55	62.22	63.32	60.85	61.60	62.82	62.06	25.8	24.8	29	29.6	25.6	25.5	26.7	30.3	22.4	75	79	69	70	76	75	74	-----
23	61.50	62.32	63.20	61	61.17	62.57	61.96	25.4	25.4	28.3	29.2	28.2	27	27.2	30.6	23.5	78	78	71	70	76	80	75.5	-----
24	61.32	62.36	63.47	61.24	61.49	62.82	62.12	25.7	22.5	29.6	29	27.7	26.5	26.8	30.7	22.1	81	91	67	70	76	77	77	-----
25	61.97	62.48	63.47	60.86	60.79	62.35	61.99	25.5	26	29.5	31.3	27.6	26.4	27.7	32.5	25.4	83	83	74	64	77	77	76.3	-----
26	61.27	62.20	63.13	61.10	61.30	62.02	61.84	25.7	25.3	30	28.4	27	26.1	27.1	30.3	25	81	83	65	65	77	82	75.5	-----
27	60.43	61.18	62.48	60.61	60.31	61.55	61.09	24	21.7	27.8	30	28.1	26.3	26.3	31.4	21.5	86	94	70	59	73	79	76.8	-----
28	60.92	61.78	63.67	61.02	60.77	62.23	61.73	26	26	28.1	30	26.7	26	27.1	30.9	25.2	80	78	68	59	77	76	73	-----
Mean	60.98	61.65	62.78	60.59	60.78	61.96	61.46	23.9	22.6	28.1	29	27.2	25.4	26	30.3	21.9	85.2	89.9	72.1	65.9	74.3	82	78.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	NE	NE	Calm	NW	N	N	34.1	18.7	44.3	45.1	142.2	2	-----	Cu.	5	Ci. NW	Cu. E
2	Calm	Calm	Calm	Calm	Calm	Calm	19.9	18.3	24.3	14	76.5	4	Ci. WNW	Cu.	4	Ci.	Cu. SE
3	Calm	Calm	Calm	NE	Calm	Calm	18.2	17.7	35.4	10.2	81.5	1	-----	S.	3	-----	Cu.
4	Calm	Calm	Calm	W	Calm	Calm	18	18.2	41	10.8	88	0	Ci.	S.	1	Ci.	Cu.
5	Calm	Calm	Calm	N	N	N	12.4	18.3	69.5	48.9	149.1	1	-----	S.-Cu. NE	3	-----	Cu. NE
6	Calm	Calm	NW	NW	N	N	20.6	34	39.4	46.2	140.2	4	A.-S.	S.-Cu. NE	4	-----	Cu. NE
7	Calm	Calm	Calm	Calm	N	Calm	26.4	16.6	36.7	20.4	100.1	6	A.-Cu. E	Cu.	7	A.-Cu.	S.-Cu. SE
8	Calm	Calm	Calm	S	NE	NE	15.8	21.1	45.1	43.5	125.5	2	Ci.	Cu.	4	-----	Cu. SE
9	Calm	Calm	Calm	NE	NE	NE	23.5	18.5	46.2	46.2	134.4	1	Ci.	S. NE	5	A.-Cu. E	Cu. NNE
10	NE	NE	Calm	NE	NNE	N	32	27.6	48.8	29.5	137.9	9	A.-S.	S.-Cu. ENE	4	Ci.	Cu. E
11	Calm	Calm	Calm	NNW	NNW	Calm	24.6	23.6	56.5	34.3	139	8	Ci.	S.-Cu. E	4	Ci.	Cu. E
12	E	Calm	E	Calm	NE	NE	33	24.6	39.2	56.1	152.9	3	A.-S.	S.-Cu. E	7	A.-Cu. E	Cu. E
13	Calm	NE	NE	NE	NE	Calm	36	36.2	46.4	32	150.6	4	Ci.	S.-Cu. ENE	6	A.-Cu. ENE	Cu. E
14	Calm	NE	NE	E	NE	NE	20.3	33	54.4	47.2	154.9	4	Ci. W	S.	5	A.-Cu. ENE	Cu. NE
15	NE	Calm	NE	NE	NE	NE	34.3	44.5	44.6	40.7	164.1	1	Ci.	Cu.	8	A.-Cu. E	Cu. E
16	Calm	NE	NE	NE	NE	NE	25.5	32.2	48.3	52.6	158.6	1	A.-S.	S.-Cu. E	3	A.-Cu. E	Cu.
17	NE	Calm	Calm	Calm	NW	NW	27.4	20.1	43.3	47	137.8	4	A.-Cu. E	S.	4	-----	Cu.
18	Calm	Calm	Calm	N	N	Calm	14.8	15	57.1	39.1	126	3	Ci. SW	Cu.	3	Ci.	Cu. SE
19	Calm	Calm	Calm	NW	N	Calm	9.4	14.8	37.5	10.2	71.9	1	Ci.	S.	3	-----	Cu.
20	Calm	Calm	Calm	N	Calm	N	9.9	12.3	44.9	43.5	110.6	3	A.-S.	Cu.	3	Ci.	Cu.
21	Calm	Calm	Calm	Calm	N	N	26	15.3	35.2	46.1	122.6	9	A.-Cu. NE	S.	3	Ci.	Cu. E
22	Calm	Calm	Calm	NE	Calm	Calm	24.6	17.4	34.6	13.9	90.5	4	A.-Cu. E	Cu.	9	A.-Cu. ENE	S.-Cu. NE
23	NE	Calm	Calm	NE	NE	NE	19.9	20.1	38	88.6	116.6	9	A.-Cu. E	S.-Cu. E	4	A.-Cu. E	Cu. SE
24	Calm	Calm	Calm	NE	NE	NE	17.9	22.2	43.8	34.3	118.2	3	-----	Cu. E	5	-----	Cu. NE
25	Calm	Calm	Calm	NE	NE	NE	-----	18.3	40.8	33.5	-----	9	Ci.	S.-Cu. ENE	5	A.-Cu. E	Cu. E
26	Calm	Calm	Calm	NE	NE	NE	22.2	26.6	50.5	60.4	159.7	3	A.-Cu. E	Cu.	4	Ci.	Cu. NE
27	Calm	Calm	N	N	N	N	15.1	23.8	65.8	49.9	154.6	5	Ci. S	Cu. NNE	3	Ci.	Cu.
28	N	N	N	NNE	NE	NE	56.3	39.7	39.2	46.5	181.7	7	A.-Cu. E	S.-Cu. E	4	A.-S.	Cu. NE
Mean	-----	-----	-----	-----	-----	-----	23.6	23.2	44.7	37.2	129.1	4	-----	-----	4.4	-----	-----

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

MARCH, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.42	61.55	63.62	61.62	61.45	62.92	62.10	25.5	25.5	24.8	25	25.2	25.5	25.2	30.2	23	78	78	83	90	86	81	82.7	12.7
2	62.15	62.37	64.25	61.62	61.90	63.25	62.59	25	25	29.1	28.8	27	26.6	26.9	29.7	24	88	91	71	69	73	79	78.5	------
3	61.58	62.47	63.83	61.70	61.61	62.99	62.36	25.2	22.1	28.8	29.2	27.8	27	26.7	30	21.9	80	95	69	64	77	82	77.8	------
4	62.08	63.05	64.41	62.61	62.60	63.47	63.04	23.2	22	27.9	28.8	27.5	27	26.1	29.8	21.8	90	96	79	70	81	83	83.2	------
5	62.12	63.23	63.97	61.51	62.32	63.10	62.71	25.1	22.7	29.4	29.5	27.6	26.4	26.8	30.9	22.4	89	97	70	64	76	79	79.2	------
6	61.78	62.32	63.35	61	61.27	62.45	62.03	23.7	22.5	28.9	29	28.5	26.8	26.6	30.4	21.7	86	92	67	66	74	81	77.7	------
7	60.88	61.67	62.95	60.90	61	62.65	61.68	26.1	23.1	29	28.9	27.7	26.9	27	29.5	22.6	83	94	74	69	76	78	79	------
8	62.06	62.42	63.60	61.76	62.69	63.35	62.65	25	25.7	27.6	31.2	28	27	27.4	32	23.6	88	89	74	58	74	80	77.2	------
9	62.62	63.10	64.19	62.02	62.50	63.56	63	26.5	26	31	29.6	27.3	26.5	27.8	31.3	25.7	81	81	64	69	78	83	76	.5
10	62.68	63.05	64.16	62.04	62.05	63.55	62.92	25.4	25.8	29.3	28.5	28	26.8	27.3	30	23.9	84	79	70	67	74	80	75.7	------
11	62.05	62.41	63.65	60.98	60.92	61.90	61.98	26.6	26.1	27	29.3	27.6	26.9	27.2	30.8	25.4	82	86	80	67	76	81	78.7	------
12	60.33	60.97	61.90	58.93	58.88	60.71	60.29	25.4	23.6	30.2	32.5	29.5	23.5	27.4	32.5	22.2	83	90	70	52	61	87	73.8	------
13	59.75	60.65	61.87	59.16	59.49	60.91	60.30	21.9	21.5	29.2	33	28.4	25.1	26.5	33.8	21.1	95	93	75	51	68	87	78.2	------
14	59.87	61.19	62.22	60.49	61.06	62.60	61.24	23	20.5	28.9	29.5	28	27	26.2	30.9	20.3	84	91	58	69	79	78	76.5	10.2
15	61.30	62.10	63.27	61.80	61.98	63.22	62.28	26.9	25.4	28.5	26.5	26.6	26.4	26.7	29.8	24.4	78	88	75	80	77	78	79.3	1
16	61.75	62.01	63.45	61.20	60.92	62.12	61.91	25.6	25	26.7	27.1	25.7	26	26	29	24.4	84	88	81	81	86	84	84	------
17	60.87	61.50	62.79	59.99	59.89	61.66	61.12	25.9	25.5	30	29	27.5	24	27	30.5	23.2	81	84	69	68	73	89	77.3	11.9
18	60.85	61.68	63.70	62.23	62.81	63.78	62.51	26	25.5	26	25.4	24.5	25.4	25.5	26.5	23.4	88	92	83	88	92	84	87.8	5.5
19	62.21	62.92	64.15	62	62.15	63.97	62.90	24.8	25	29.4	29.6	27	25.8	26.9	30.5	24.5	84	82	68	65	74	79	75.3	------
20	62.17	62.61	63.55	61.37	61.58	62.75	62.34	25	23	28.4	26	25	24.5	25.3	29	22.6	82	90	70	84	92	96	85.7	5.8
21	60.89	61.36	62	60.27	60.37	61.81	61.12	24.3	23.6	28.5	27.5	27.5	24.8	26	30.5	23.1	86	90	74	72	83	92	82.8	------
22	60.06	60.51	61.91	59.84	60.52	61.92	60.79	25	24	28.5	28.5	27.6	26.6	26.7	31	23.5	86	92	70	67	73	86	79	------
23	60.48	61.38	62.88	60.63	60.96	62.97	61.55	26	23.4	28.8	29	28.5	26.9	27.1	30.4	22.6	81	93	71	65	73	80	77.2	------
24	61.46	62.45	63.50	61.13	61.74	62.45	62.12	26	25	29.3	28.4	28.5	26.7	27.3	30.7	23.6	83	88	69	71	75	80	77.7	------
25	61.03	61.56	62.74	60.28	60.01	61.49	61.18	26.3	26	30.4	29.4	28.8	26.8	28	30.5	25.7	83	87	68	71	76	82	77.8	------
26	59.60	60.59	62.15	59.97	60.11	61.71	60.69	24	24	28.4	30	27.7	26.9	26.8	31.2	23.8	91	91	72	71	76	81	80.3	------
27	60.26	61.35	62.80	61.06	61.42	63.18	61.68	26	25	27.5	27.4	26	25	26.2	29.3	23.8	87	87	81	81	84	88	84.7	17.3
28	61.80	61.93	63.25	60.61	60.75	62.86	61.87	24.5	25	28.4	31.1	28	26.5	27.2	31.7	24.1	92	88	75	66	77	81	79.8	------
29	61.75	61.78	63.29	61.26	61.11	62.70	61.98	26	25.6	29.7	29.8	27.3	26.8	27.5	30	25.4	83	84	68	66	74	80	75.8	------
30	61.32	61.58	62.94	60.99	61.51	62.81	61.86	26	26.5	29	30.2	27.5	27	27.7	30.6	25.9	89	88	78	73	77	83	81.3	4.6
31	60.92	61.03	62.24	60.15	60.52	61.64	61.08	26.6	26	30.5	29.5	28.1	27.2	28	30.7	25.5	85	90	72	71	79	84	80.2	------
Mean	61.29	61.90	63.18	61	61.23	62.60	61.87	25.2	24.4	28.7	28.9	27.4	26.2	26.8	30.4	23.5	85	88.8	72.5	69.8	77.2	82.8	79.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	69.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	Calm	NE	Calm	NE	NE	22.8	24.7	28.2	35.9	111.6	9	A.-Cu.	S.-Cu. NE	10	Ci.	N. NE
2	Calm	Calm	Calm	N	N	NE	22.2	14.2	35.1	35.4	106.9	9	A.-Cu. E	S.-Cu. NE	4	A.-Cu. NNE	Cu. E
3	Calm	Calm	Calm	Calm	N	N	12.6	14.5	32.4	39.2	98.7	3	Ci.	Cu.	5	Ci.	Cu. E
4	Calm	Calm	Calm	Calm	N	NE	11.3	25.7	42.4	50.4	129.8	1	Ci.	Cu.	3	Ci.	Cu.
5	Calm	Calm	NE	NE	NE	NE	10.5	36.8	56	41	144.3	3	Ci.	Cu. NE	5	A.-Cu. NE	Cu. NE
6	Calm	Calm	Calm	Calm	N	N	9.7	13.9	38	56.3	117.9	9	A.-Cu. ENE	S.-Cu. NE	4	--------------	Cu.
7	N	Calm	Calm	NNW	N	Calm	35.2	22.5	30.9	34.3	122.9	1	A.-S.	S.	3	Ci.	Cu.
8	N	Calm	Calm	N	N	NE	34.3	31.2	47.2	39.4	152.1	6	Ci.-Cu. NE	S.-Cu. NE	1	--------------	Cu.
9	Calm	NE	NE	NE	NE	Calm	35.7	40.7	38.4	24.6	139.4	2	--------------	S.-Cu. ENE	9	A.-Cu.	S.-Cu. NE
10	Calm	Calm	Calm	NE	N	N	19.8	23.1	30.3	48.3	121.5	10	A.-Cu. E	S.-Cu. NE	8	A.-Cu. SE	Cu. SE
11	N	Calm	Calm	N	N	Calm	50.2	31.1	38.9	32.7	152.9	4	A.-Cu.	S.-Cu. NE	4	--------------	Cu. NE
12	NE	Calm	Calm	Calm	Calm	Calm	19.6	12.4	12.7	8.7	53.4	1	Ci.	S.	3	Ci.-S.	Cu. SE
13	Calm	Calm	Calm	SW	SW	SW	8.9	16.7	59.5	72.6	157.7	2	Ci.	S.	4	Ci. WSW	Cu. SW
14	SW	SW	Calm	NW	NNE	NE	72.6	60.4	116.4	130.2	379.6	2	Ci. WNW	Cu.	3	Ci.	Cu.
15	NE	NE	NE	NE	NE	NE	141	229.1	239.3	202.6	812	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
16	NE	NE	NE	NE	NE	NE	146.7	106.7	128.9	81.6	463.9	10	A.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
17	NE	NE	NE	N	N	NW	77.5	41.8	73.2	59.2	251.7	5	A.-S.	S.-Cu. NE	1	Ci.	Cu.
18	N	N	NE	NE	NE	NE	84.3	191.8	103	84	463.1	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
19	NE	NE	NE	NE	NE	NE	85.8	79.1	106	88.3	359.2	8	A.-Cu. NE	S.-Cu. NE	4	A.-Cu.	Cu.
20	NE	NE	NE	N	N	NE	45.3	40	146.2	103	334.5	9	A.-Cu. NNE	S.-Cu. NNE	10	Ci.-S.	S.-Cu. NE
21	Calm	NE	NE	N	NE	SE	33.8	29.8	82.1	55.3	201	9	A.-Cu.	S.-Cu. E	8	A.-S.	S.-Cu.
22	SE	SE	SE	SE	NE	NE	40.4	39.2	65	59.8	204.4	6	Ci.-Cu. SE	S.-Cu. SE	9	Ci.	S.-Cu. ESE
23	NE	NE	Calm	NbyW	N	N	37	35.4	111.3	86.7	270.4	5	Ci. SW	Fr.-S. E	3	Ci. W	Cu. SE
24	N	Calm	Calm	N	N	N	51	30.9	116.9	64.4	263.2	5	Ci. S	S.-Cu. E	8	A.-Cu. NNE	Cu. N
25	N	Calm	N	NNW	N	N	63.4	39.4	103.8	68.9	275.5	6	Ci.	S.-Cu. NE	1	Ci.	Cu.
26	N	N	N	N	NE	NE	31.9	59.8	139.4	107.8	338.9	10	A.-S.	S.-Cu. NE	6	Ci.	Cu. NE
27	NE	N	NE	NE	NE	NE	56.6	64.9	99.5	91.9	312.9	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
28	NE	NE	NE	NE	NE	NE	85.1	58.5	155.5	104	403.1	10	Ci.-S.	S.-Cu. E	6	A.-Cu. E	Cu. E
29	NE	NE	NE	NE	NE	NE	59.3	74	104.1	69.2	306.6	5	Ci.	Fr.-Cu. ENE	3	Ci.	Cu.
30	NE	NE	NE	NE	NE	NE	66.2	94.3	121	96.9	378.4	9	Ci.	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
31	NE	NE	NE	NE	NE	NE	69	59.3	98	67.8	294.1	6	Ci. NW	Fr.-Cu. NE	4	Ci.	Cu. NE
Mean	------	------	------	------	------	------	49.7	53	83.9	69	255.5	6.3	--------------	--------------	5.7	--------------	--------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	7,921.6	----	--------------	--------------	----	--------------	--------------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

APRIL, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.25	60.36	61.07	58.60	58.69	60	59.83	26.9	26.9	28.6	29.6	28.5	26	27.8	29.9	24.8	86	86	82	75	79	91	83.2	4.3
2	58.77	59.91	61.24	58.48	58.43	60.26	59.52	24.2	24	29.7	33	30.3	25.5	27.8	34	23.3	96	96	79	65	63	88	81.2	------
3	59.77	60.33	61.28	59.34	58.79	60.77	60.05	24.3	24	30.5	33.3	30.9	26	28.2	34.2	23.4	96	95	74	61	69	89	80.7	------
4	59.75	60.51	61.27	58.79	59.60	61.50	60.24	24.5	24	29.1	32	30.9	25.3	27.6	34	23.6	92	96	83	63	61	86	80.2	------
5	60.39	61.24	61.89	59.50	60.18	61.90	60.85	23.7	23	31.5	31.5	31.3	25.7	27.8	34.6	22.5	91	94	72	65	73	90	80.8	------
6	60.87	61.89	62.97	60.33	60.59	61.49	61.36	24.1	23	30.4	31	29.5	24.6	27.1	33.5	22.5	91	96	69	53	70	90	78.2	------
7	60.89	61.48	62.36	60.16	61	62.66	61.42	23	22	29.7	31.3	30.6	28.4	27.5	32.9	21.7	90	96	77	63	72	78	79.3	------
8	60.75	61.67	62.91	60.73	60.50	62.67	61.54	27.6	26.8	30.7	31.5	29	27.4	28.8	32.7	26.4	82	83	61	63	74	77	73.3	------
9	61.20	61.51	63.10	60.66	60.85	62.42	61.62	27	27	31.3	31	29.1	27.7	28.8	33.3	26.7	83	83	64	64	75	82	75.2	------
10	60.42	61.43	62.49	60.08	60.76	62.15	61.22	26.7	24.6	29.5	32	27.3	27.2	27.9	32.5	24.4	84	91	72	64	85	85	80.2	1.8
11	60.36	60.55	61.30	59.25	59.74	61.51	60.45	25.2	22.6	29.7	30	29.2	27.7	27.4	31.4	22.3	92	97	64	60	70	76	76.5	------
12	60.47	60.79	61.94	59.93	60.12	62.24	60.92	24.9	23	30.7	32	29	28	27.9	34.1	22.7	89	96	70	67	82	83	81.2	------
13	61.13	61.56	62.86	60.76	61.40	62.62	61.72	27.1	27	30.9	31.3	29.1	27.5	28.8	34.2	26.6	87	87	70	65	78	81	78	------
14	61.37	61.41	62.86	60.58	60.36	62.21	61.46	26.7	26.5	31	31.1	29.3	27.7	28.7	32.9	26.1	85	82	65	66	76	79	75.5	------
15	60.37	60.54	61.47	59.35	59.43	60.47	60.27	27	24	31	30.3	29.5	28	28.3	33	23.6	83	92	65	66	72	79	76.2	------
16	59.43	59.88	60.94	58.89	58.73	60.24	59.68	24.4	23.9	29	30	29.4	27.4	27.4	32.2	23.4	91	93	67	60	74	78	77.2	------
17	58.91	58.97	59.61	57.55	57.46	59.20	58.62	24.3	23.2	29.9	30	29.6	27.8	27.5	31.7	22.9	91	94	68	63	71	80	77.8	------
18	57.64	58.46	59.97	58.10	58.25	59.90	58.72	26.6	23.5	30.4	30	29	28.1	27.9	32.2	23.3	81	94	72	70	75	79	78.5	------
19	59.05	59.76	60.55	59.09	59.80	61.19	59.91	27.5	27	30.2	31.6	28.4	28	28.8	33.4	26.7	82	84	63	66	82	80	76.2	3.8
20	60.16	60.67	61.36	59.74	60.37	61.75	60.68	27	26.1	31.5	33.5	28.4	28	29.1	34.1	25.9	86	89	70	59	82	81	77.8	.3
21	60.62	60.96	61.22	59.21	59.58	61.17	60.46	27.4	26.8	31.5	33	29	27.9	29.3	33.9	26.4	81	82	63	63	77	78	74	------
22	59.80	60.51	61.64	59.67	59.84	61.24	60.45	27.5	27	29	30.5	28.8	27.4	28.4	32.1	25.1	81	84	76	76	80	83	80	10.5
23	60.17	60.62	61.85	60.37	60.37	62.50	60.98	26.6	26.5	29.7	29.4	27.9	27	27.8	31.8	25.1	85	83	73	79	78	78	79.3	12.7
24	61.26	61.18	62.17	60.13	60.07	61.46	61.04	26.6	26.8	30.7	31	28.3	27.2	28.4	32.2	26.2	82	82	70	64	70	77	74.2	------
25	60.65	60.91	61.34	59.46	59.28	60.67	60.38	26.6	26.5	30.7	31.7	28.6	27.5	28.6	32.8	26.2	81	81	65	65	78	83	75.5	------
26	59.34	59.82	61.02	58.75	58.41	60.20	59.59	27	26.6	31.5	32.5	29	27.8	29.1	33.2	25.8	84	82	65	63	77	82	75.5	------
27	59.28	59.38	60.26	58.08	58.33	60.25	59.26	27	27	32	32.8	29	27.5	29.2	33.5	26.6	83	84	66	64	74	78	74.8	------
28	59.11	59.38	60.56	58.70	59.26	60.54	59.59	27	27.4	32	31.9	29	27.6	29.2	32.6	26.4	82	80	66	64	78	81	75.2	------
29	59.59	59.36	59.91	57.85	58.09	59.82	59.10	27.6	27.1	29.5	29.4	28.5	28.2	28.4	31.1	26.9	84	85	77	80	81	84	81.8	.5
30	58.59	58.83	59.62	57.82	58.20	59.52	58.76	27	24.9	28.6	31.3	29.4	28	28.2	32.5	24.5	90	94	72	66	70	79	78.5	------
Mean	60.01	60.46	61.43	59.33	59.55	61.15	60.32	26.1	25.3	30.4	31.3	29.2	27.3	28.3	32.9	24.7	86.4	88.7	70	65.4	74.9	81.8	77.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	33.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	NE	NE	54.5	46.9	95	38.4	234.8	9	A.-Cu. E	S.-Cu. ENE	4	Ci.-Cu.	Cu. E
2	NE	NW	Calm	NNW	Calm	W	71.1	35.2	33.8	52.3	192.4	8	------------	S.-Cu. SE	4	Ci.	Cu. SE
3	W	WbyS	NE	NNE	Calm	NW	72.7	36.5	37.2	54.7	201.1	1	Ci.	Cu.	8	Ci.	Cu. E
4	NW	NW	NW	NW	Calm	SW	75.1	35.4	44.8	67.4	222.7	8	A.-Cu. NE	S.-Cu. NE	3	Ci.	Cu. SE
5	SW	SW	S	SE	Calm	NE	85.5	35.9	55.5	43.1	220	2	Ci.	Cu.	3	------------	Cu. S
6	NE	NW	E	NE	NNE	NW	76.1	53.1	87.9	53.6	270.7	1	------------	Cu.	1	Ci.	Cu.
7	WNW	W	W	W	NW	N	82.4	42.9	56.3	63.1	244.7	5	Ci. WSW	Cu.	2	Ci.	Cu.
8	NE	NE	NE	NE	NE	NE	67.6	56.8	145.6	89.8	359.8	5	------------	S.-Cu. NE	4	Ci. E	Cu. NE
9	NE	NE	NE	NE	NE	NE	62.8	48.9	134.4	57.9	304	4	A.-S.	Cu. E	4	Ci. NE	Cu. S
10	Calm	Calm	NE	NE	NE	E	29.5	37.5	148.6	46.5	262.1	3	------------	Cu. E	5	A.-Cu. ENE	Cu. SE
11	Calm	SE	S	N	N	N	46.2	44.9	108.3	67	266.4	0	------------	Cu.	3	Ci.	Cu.
12	N	N	N	NE	NE	NE	38	65	164.7	70.6	338.3	1	------------	Cu.	8	A.-Cu. ENE	S.-Cu. NE
13	Calm	NE	Calm	NE	NE	NE	30.3	46.9	199.9	89.8	366.9	3	A.-S.	S. NE	9	Ci.	S.-Cu. NE
14	NE	NE	Calm	NE	NE	NE	53.3	54.1	121.8	85.5	314.7	1	Ci.	Cu.	4	------------	Cu. NE
15	Calm	N	NE	NbyW	N	N	44.5	38.6	105.7	51.2	240	4	Ci.	S.-Cu. E	4	Ci.	Cu. SSE
16	N	N	N	N	N	Calm	67	54.7	121.3	64.4	307.4	4	A.-Cu. SE	S. E	6	Ci.-S.	Cu.
17	N	N	N	N	N	N	50.5	43.5	115.3	59.8	269.1	9	Ci. SW	Cu.	4	Ci. SW	Cu.
18	N	N	N	N	N	N	51.8	45.1	126	87.2	310.1	2	Ci.	Cu.	5	Ci.-S.	Cu. S
19	NE	Calm	Calm	N	N	NE	50.2	35.9	127.3	103.6	317	5	A.-Cu. E	Fr.-Cu. NE	6	Ci.	Cu. N
20	NE	Calm	NE	NE	Calm	NE	39.4	79.1	133.1	74.2	325.8	4	A.-S.	Cu. ENE	7	A.-Cu. E	Cu. NE
21	NE	NE	NE	NE	NE	NE	63.9	57.4	209.4	109.9	440.6	4	A.-Cu. ENE	Cu.	4	Ci.	Cu. E
22	NE	NE	Calm	NE	NE	NE	66	62.6	112.1	98	338.7	10	Ci.	S.-Cu. NE	6	A.-Cu. ENE	Cu. ENE
23	NE	NE	NE	NE	NE	NE	87.2	104.8	162	127.4	481.4	1	------------	Cu. E	8	A.-Cu. E	Cu. ENE
24	NE	NE	NE	NE	NE	NE	117.5	122.3	190.4	99.2	529.4	5	------------	Cu. NE	8	A.-Cu. E	Cu. ENE
25	NE	NE	NE	NE	NE	NE	79.1	107.8	201.2	99.6	487.7	4	A.-Cu. E	Cu. NE	4	A.-Cu. E	Cu. NE
26	NE	NE	NE	NE	NE	NE	48.6	58.5	140	100.3	347.4	5	A.-Cu. ENE	Cu.	4	A.-Cu. NE	Cu. NE
27	NE	NE	NE	NE	NE	NE	61.7	68.2	165	108.3	403.2	5	Ci.	S.-Cu. NE	5	Ci.	Cu. E
28	NE	NE	NE	NE	NE	NE	85.3	67.6	132.3	119.9	405.1	5	Ci.	Cu. NE	4	Ci.	Cu. NNE
29	NE	NEbyN	NE	N	N	NE	91.1	74	177.8	108.6	451.5	3	Ci.	Cu. NE	7	Ci.	Cu. NE
30	Calm	N	N	N	N	N	35.9	47	117.3	55	255.2	1	Ci.	Cu.	7	Ci. SSE	Cu. E
Mean	------	------	------	------	------	------	62.8	56.9	125.7	78.2	323.6	4.1	------------	------------	5	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	9,708.2	---	------------	------------	---	------------	------------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

MAY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.49	58.55	59.41	56.97	56.88	59.08	58.23	24.4	24.1	28.8	30.8	30.6	26.9	27.6	31.5	23.4	93	94	78	72	76	85	83	------
2	57.72	58.02	58.60	56.25	56.79	58.43	57.64	25.9	25.4	32	33.7	31	28.4	29.4	35.2	24.8	90	93	67	62	63	75	75	------
3	57.46	57.54	58.26	57.07	57.39	58.93	57.78	27.5	26.2	33	29	28	25.5	28.2	34.8	24.7	85	92	56	77	85	92	81.2	9.1
4	57.49	57.56	57.64	55.88	56.19	57.92	57.11	24.6	24	30	32.8	30	26.7	28	33.7	23.7	95	97	77	68	77	90	84	------
5	56.67	57.63	57.95	56.54	57.45	58.86	57.52	25.4	25	31.6	30.3	29.7	28.9	28.5	33.4	24.8	93	96	66	72	77	77	80.2	------
6	57.52	57.86	58.86	57.45	58.01	59.46	58.19	28	25.5	30.5	32.6	29.5	28.5	29.1	33.4	25	80	92	70	67	77	81	77.8	------
7	57.31	57.84	58.64	56.63	57.77	58.89	57.85	27.1	24.5	31	32.2	29.7	28.2	28.8	33	24.1	83	91	62	68	77	82	77.2	.5
8	57.16	58.02	59.01	56.85	57.47	58.69	57.87	27.4	27.1	30.9	32.7	29.4	28.5	29.3	33.2	27	85	85	61	61	74	78	74	------
9	57.10	57.91	58.70	56.88	57.36	58.79	57.79	27.7	27.6	31.5	33	30.3	28.8	29.8	34	27.4	82	81	60	62	72	76	72.2	------
10	57.36	57.77	58.41	56.47	56.64	58.06	57.45	28	25.6	32.4	30.3	29.5	27.2	28.8	33.9	25.1	79	89	64	72	74	85	77.2	------
11	57.67	57.84	58.34	56.08	56.65	58.22	57.47	25.4	25	32.2	33.8	30.4	27.5	29	35	24.5	93	92	62	62	66	82	76.2	------
12	57.35	57.92	59.01	56.51	56.93	58.78	57.75	26	25.5	31.8	33.8	31.2	27.8	29.4	35.6	25	91	92	69	58	66	82	76.3	------
13	57.80	57.88	58.36	56.21	55.98	58.05	57.38	26.2	25.5	31.1	34	30.4	29	29.4	34.5	25	88	92	71	52	70	78	75.2	------
14	57.06	57.43	58.12	55.53	56.64	58.34	57.19	27.2	26.7	32	34.3	29.7	28.9	29.8	35.5	26	88	89	59	54	77	82	74.8	------
15	57.26	58.06	57.89	56.02	57.15	58.35	57.46	27.3	26.5	31.8	34	30.2	28.5	29.7	35.4	25.9	87	88	62	56	73	76	73.7	------
16	56.96	57.35	58.03	55.83	56.77	58.94	57.31	26.8	25.8	30.5	33.5	30.8	28.4	29.3	34.9	25.3	86	88	70	60	73	86	77.2	.8
17	57.59	57.95	58.56	56.83	57.47	59.17	57.93	26.1	25.5	31.4	27.9	28.5	26.8	27.7	32.3	25.2	90	95	73	86	86	92	87	2.5
18	58.57	59.17	59.94	58.50	59	60.46	59.27	26	26	28.5	30	28.5	26.7	27.6	31.8	25.2	88	87	80	70	78	90	82.2	1.3
19	59.88	59.05	59.73	58.18	58.48	59.15	59.08	25.7	25.8	32	33.2	29.4	27.4	28.9	34.2	25.2	93	92	57	56	70	81	74.8	------
20	58.52	58.57	58.46	57.11	57.42	58.18	58.04	26.1	25.7	32	32	28.5	26.4	28.4	34.3	24.7	89	91	60	62	71	85	76.3	1.5
21	56.89	57.09	58.13	55.37	56.51	57.82	56.97	24.6	25.1	30.5	34.2	30	27.8	28.7	35.5	23.8	91	89	68	54	73	79	75.7	------
22	56.79	56.68	57.25	56.54	57.24	58.40	57.15	26.4	25.4	32	30.6	26.5	26	27.8	33.4	25	87	92	59	65	90	94	81.2	2.5
23	57.70	57.90	57.59	56.35	56.90	58.50	57.49	25.6	26.1	31.1	30.5	28.7	27.2	28.2	32.9	25.4	95	92	60	72	74	86	79.8	------
24	57.73	58.15	58.75	57.92	58.18	59.50	58.37	25.1	24.1	31.9	28	26.8	25.8	27	34.9	23.7	91	92	69	85	91	98	87.7	7.1
25	58.54	58.93	59.03	57.69	58.29	60.10	58.76	25	25.4	31.4	32.5	30.5	27.3	28.7	34.8	24.4	98	96	63	60	68	82	77.8	------
26	58.98	59.20	59.46	57.74	57.92	60.41	58.95	25.4	24.8	31	33.6	31.6	26	28.7	35.3	24.5	91	93	75	54	65	89	77.8	6.4
27	58.57	58.42	58.97	57.42	58.29	59.98	58.61	25.2	24.6	31.1	31.9	30	25.3	28	33.8	24.2	94	97	63	61	71	90	79.3	1.5
28	58.39	58.83	59.18	57.88	58	59.32	58.60	24.5	24.5	31.5	32.8	30.5	27.8	28.6	34.4	23.8	92	95	60	55	71	88	76.8	------
29	58.18	58.55	58.80	56.99	57.65	58.62	58.13	26.2	25.6	32.4	34.3	30	29	29.6	36	25.4	91	92	64	58	71	83	76.5	------
30	57.80	58.07	57.65	55.53	55.83	57.12	57	26.2	25.3	32.6	35	31.2	27.6	29.6	36.7	25	87	90	53	46	63	83	70.3	------
31	56.04	56.83	57.11	55.01	55.43	56.37	56.13	25.6	24.6	31	35.5	31	27.6	29.2	36.2	24.2	91	91	61	58	62	81	74	------
Mean	57.70	58.02	58.51	56.72	57.25	58.74	57.82	26.1	25.4	31.3	32.3	29.7	27.5	28.7	34.3	24.9	89.2	91.5	65.1	63.4	73.6	84.1	77.8	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	33.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	N	N	N	N	54.2	66.6	96.4	46.5	263.7	7	Ci.	S.-Cu. NE	4	Ci.	Cu.
2	N	N	N	N	SW	SW	60.7	44.9	44.3	73.8	223.7	6	Ci.	Cu. SE	6	Ci.	Cu. SW
3	Calm	Calm	S	NE	Calm	NE	24.1	42.1	47.8	37.8	151.8	8	Ci.	S.-Cu. SE	10	Ci.	N. E
4	NE	NE	NE	NE	Calm	E	55.7	46.7	59.3	37.2	198.9	9	Ci.-S. W	Cu.	7	Ci.-S.	Cu. SE
5	E	E	E	N	N	N	50.5	45.9	68.6	60.4	225.4	3	Ci. NE	Cu.	8	Ci.-S.	Cu. SSE
6	NE	NE	NE	N	N	NE	48.5	39.1	139.5	130.4	357.5	3	Ci.	Cu. ENE	5	Ci.-Cu.	Cu. N
7	NE	NE	NE	N	N	NE	39.4	36.7	146.4	93.5	316	5	Ci.-S. SW	Cu.	7	Ci.	Cu.-N. S
8	NE	NE	NE	NE	NE	NE	76.7	49.6	123.4	92	341.7	3	Ci.	Cu. NE	9	Ci.-S. NW	Cu. E
9	NE	NE	Calm	NE	NE	NE	44.3	40.8	108	89.3	282.4	9	A.-Cu. E	S.-Cu. E	9	Ci.-S. W	Cu. NE
10	Calm	NE	NE	N	N	Calm	39.4	39.1	99.3	45.1	222.9	9	Ci.-S. S	Cu.	7	Ci.-S. S	Cu. SE
11	N	W	S	SE	Calm	SW	70.8	48.3	47.7	52.1	218.9	9	Ci.-S. SSE	Cu.	10	Ci.-S.	Cu. SSE
12	SW	SW	SW	W	Calm	S	45.1	31.9	43.5	44.6	165.1	5	Ci. SW	------	4	Ci.	Cu. S
13	S	S	Calm	S	SW	SW	71.1	41.2	61.4	49.6	223.3	9	Ci.-S. SW	S.	9	Ci.-S. W	Cu.
14	Calm	SW	S	S	SSW	SW	30.9	75	92.7	58.9	257.5	9	Ci.-S.	S. S	9	Ci.-S. S	Cu. SW
15	Calm	SW	SW	SW	Calm	SW	38.8	82.1	84.3	41.3	246.5	10	Ci.-S.	Cu. SW	8	Ci.	Cu. SW
16	Calm	SW	SSW	S	Calm	NW	31.7	40	45.3	37.2	154.2	9	Ci.-S. S	Cu.	9	A.-Cu. W	Cu. S
17	NW	NW	NW	Calm	Calm	Calm	46.2	40.2	51.5	34.3	172.2	9	A.-Cu. S	S.-Cu. SSE	10	Ci.-S.	S.-Cu. S
18	SE	SE	S	S	Calm	S	38.1	61.4	73.2	28.2	200.9	10	Ci.-S.	Fr.-N. SE	10	Ci.-S.	S.-Cu. S
19	S	S	S	SW	SW	SW	38.4	62	90.7	56.6	247.7	9	Ci.-S.	S.-Cu. W	9	Ci.-S.	Cu. S
20	SW	SW	SW	SW	SW	SW	50.2	51.2	72.4	37	210.8	9	A.-Cu. NW	S.-Cu. S	9	Ci.-S.	S.-Cu. SW
21	SW	SW	SW	SW	SW	SW	56.3	81	77.5	65	279.8	9	A.-Cu. W	Cu.	7	Ci.-S. E	Cu. SW
22	SW	SW	SW	NW	W	W	42.3	65.7	55	57.3	220.3	9	A.-Cu. NE	------	9	Ci.-S.	S.-Cu. WSW
23	SW	Calm	SW	NW	SW	Calm	36.8	56.5	56.6	24.9	174.8	9	Ci.	S.-Cu. SW	8	A.-Cu. NE	S.-Cu. WSW
24	SW	SW	SE	E	Calm	E	68.4	52.5	25.4	38.1	184.4	5	Ci. NE	Cu.	10	Ci.-S.	S.-Cu., N. SE
25	E	S	S	S	SW	SW	51.2	46.9	60.6	48.3	207	6	A.-Cu. SE	S.-Cu. SSE	7	Ci.-Cu.	Cu. S
26	SW	SW	SW	SW	S	SW	56.9	32.5	51.2	54.1	194.7	8	A.-Cu. NE	Cu.	7	Ci.	Cu. SSW
27	S	S	S	SW	SW	SW	65	54.1	75.4	71.1	265.6	6	Ci.-S. E by N	Cu.	8	Ci.-S. NE	Cu. S
28	SW	SW	SW	SW	SW	Calm	63.9	62.2	88.5	38.1	252.7	9	Ci.-S. E	Cu. SE	7	Ci.-S.	Cu. SW
29	SW	SW	SW	NW	SW	SW	54.1	48.1	62.3	71.4	235.9	8	A.-Cu. W	Cu.	6	Ci.-S.	Cu.-N. WNW
30	SW	SW	SW	S	SW	SW	45.6	62	77.5	60.4	245.5	7	Ci.-S. ENE	Cu.	6	Ci.-S. ENE	Cu.
31	SW	SW	NNW	NW	SW	SW	53.4	49.1	40.7	61	204.2	3	Ci.	Cu.	5	Ci.	Cu. SSW
Mean	------	------	------	------	------	------	50	51.5	73.1	56	230.5	7.4	------	------	7.7	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,146	------	------	------	------	------	------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

JUNE, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.22	57.28	57.94	56.94	56.85	59.07	57.38	26	24.6	31.8	31.6	31.1	27	28.7	33.5	24.4	85	89	60	57	59	83	72.2	------
2	58.58	59.14	59.70	57.93	58.42	60.15	58.99	26.5	26.5	30	32	30.5	29.4	29.2	33	25.5	84	83	77	69	72	79	77.3	------
3	59.14	59.85	59.68	57.93	58.33	59.29	59.04	28.5	29	33	33	31	29.5	30.7	34.4	28.1	83	81	61	63	74	79	73.5	------
4	58.60	59.32	59.34	57.38	57.19	58.47	58.38	28.6	29.4	30.5	31	30.6	27.1	29.5	33.2	26	83	79	68	65	74	87	76	------
5	57.92	58.03	58.76	57.16	57.92	58.80	58.10	25.9	25.1	32.9	30.8	26.6	25.4	27.8	35	24.5	93	93	61	69	86	93	82.5	4.8
6	58.43	58.79	59.37	57.68	58.80	60.50	58.93	24.6	24.1	30.2	32	26.9	25.2	27.2	33.9	23.9	95	97	68	67	86	94	84.5	14.5
7	59.48	59.38	59.75	57.60	57.34	59.15	58.78	25	27.3	31	30.7	30	29.1	28.8	32.8	24.4	94	87	69	70	74	78	78.7	------
8	57.82	58.28	58.85	56.38	56.45	58.29	57.68	27.7	25.4	31.2	32.5	30	29	29.3	33.8	24.9	84	93	67	60	71	78	75.5	------
9	56.82	56.88	57.60	56.18	56.03	57.59	56.85	28	26	31	30.1	29.7	29	29	32.8	25.5	77	86	65	75	74	78	75.8	------
10	55.93	56.83	57.51	56.33	56.05	58.05	56.78	26	25.2	31.5	31	30.1	28.3	28.7	33.4	24.7	89	93	66	71	77	79	79.2	------
11	57.02	57.32	57.90	55.99	56.45	58.65	57.22	27.3	27.4	32.4	30.6	27.9	27	28.8	33.4	26.4	85	84	69	77	86	88	81.5	32.2
12	56.78	57.27	58.48	57.23	58.48	59.38	57.94	27.4	25	27.8	27.4	26.6	25.7	26.6	31.2	24.4	84	94	84	89	93	94	89.7	10.2
13	57.73	57.89	58.53	57.09	57.34	58.92	57.92	25.1	24.5	29.8	31.1	30	28.5	28.2	33.7	24.2	98	97	82	69	78	85	84.8	------
14	58.10	58.32	58.29	56.82	57.09	58.80	57.90	26.1	27.4	29.4	29.5	28.9	28.5	28.3	30.6	25.7	94	85	80	79	82	85	84.2	2.5
15	57.35	57.92	58.28	57.76	57.82	59.54	58.11	28.1	27.6	31.5	26	28	28.5	28.3	32.9	25.5	85	86	71	88	88	88	84.3	37.3
16	58.40	58.71	59.32	57.97	58.72	60.36	58.91	28	27.8	32	32	26	26.3	28.7	33	25.1	88	89	67	70	92	90	82.7	19.8
17	59.40	58.71	58.59	57.50	57.43	59.25	58.48	27	27.3	31.3	32.9	30.1	28.6	29.5	33.2	24.9	92	90	75	68	81	83	81.5	------
18	58.62	58.38	58.59	56.69	57.30	58.60	58.03	27.1	27.9	31.8	32	27.8	28.2	29.1	33.3	26.8	90	85	72	71	84	88	81.7	3.3
19	57.64	57.99	58.39	56.47	57.25	58.63	57.73	26.4	25.5	30.9	30.4	27.1	26.8	27.8	32.8	25.1	93	96	76	74	87	83	84.8	------
20	57.41	57.38	57.96	56.61	57.20	58.72	57.55	26.1	25.3	29	29.5	28	26.7	27.4	32.5	25	94	98	80	79	85	90	87.7	------
21	57.60	57.67	58.56	56.94	57.57	59.14	57.91	25.6	24.7	29.3	31	30	28.7	28.2	32.9	24.4	89	94	78	69	72	78	80	------
22	57.98	58.26	58.24	56.73	57.17	58.60	57.83	28	28.8	31.4	29	29.6	28.5	29.2	32.9	27.4	82	82	72	78	79	82	79.2	------
23	57.44	57.46	57.95	56.61	56.89	58.68	57.50	27.8	26.5	32	31.6	29.6	25.9	28.9	33.4	25	84	90	72	71	76	88	80.2	11.6
24	57.25	57.87	57.98	56.47	56.95	58.72	57.54	24.9	24.9	28.8	30.6	27	25.8	27	31.2	24.5	96	96	83	78	92	93	89.7	3.3
25	57.92	58.17	58.41	56.29	56.62	58.15	57.59	24.7	24.5	30.5	31.6	29.5	28.6	28.2	32.4	24.2	97	97	78	72	81	83	84.7	4.6
26	56.70	57.34	58.01	56.42	56.60	58.08	57.19	28.1	26.1	27.8	29.6	27.2	26.2	27.5	30.4	25.4	84	94	87	82	85	90	87	3.5
27	57.25	57.27	57.97	56.69	57.94	59.07	57.70	25.3	25.8	30	31.3	24.5	24.4	26.9	32.9	23.8	94	89	71	66	93	93	84.3	30.8
28	57.79	57.73	58.28	57.19	57.47	59.43	57.98	23.8	23.7	30.6	31.6	30	27	27.8	33	23.3	97	97	74	70	69	85	82	2.5
29	57.77	57.68	58.68	57.09	57.14	59.08	57.91	25.1	24.4	31.2	32.5	27.9	25.5	27.8	33	23.9	91	90	68	60	74	86	78.2	------
30	58.02	58.24	57.88	57.13	57.66	59.20	58.02	24.6	24.5	31.1	33	27.8	25.4	27.7	33.2	24	91	92	67	58	83	89	80	19.8
Mean	57.77	58.05	58.49	56.97	57.35	58.95	57.93	26.4	26.1	30.7	30.9	28.7	27.3	28.4	32.9	25	89.2	90.2	72.3	71.1	80.2	85.6	81.4	----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	200.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	SW	NW	Calm	NW	65.8	50.1	44.8	45.7	206.4	6	Ci.-S. ENE	------	9	Ci.-S.	Cu.-N. W
2	NW	NW	NW	NW	N	NE	59.5	77.2	115.4	76.6	328.7	6	Ci.	Cu. SSE	4	Ci.	Cu. SE
3	NE	NE	NE	N	NE	NE	49.6	65	145.1	67.8	327.5	4	Ci.	Cu. NE	4	Ci.-S.	Cu. NE
4	NE	NE	NE	N	Calm	N	52.6	42.9	69.2	40.2	204.9	7	Ci.	Cu. ENE	9	A.-Cu. SSE	Cu.
5	N	NW	E	NW	E	SE	65.5	59.7	66	51.7	242.9	4	Ci.	Cu.	9	Ci.-S.	S.-Cu. E
6	SE	S	S	NE	SE	S	59.7	41.2	135	55.2	291.1	7	Ci. E	Cu. E	6	Ci. E	Cu. E
7	SE	E	Calm	NE	N	NE	46.9	46.9	110	105.2	309	8	Ci. ENE	Cu. E	6	Ci.-S.	Cu. E
8	Calm	NE	Calm	NE	NE	NE	35.6	28.5	104.6	96.9	265.6	3	Ci.-Cu.	Cu. N	7	Ci.	Cu. ENE
9	NE	Calm	NE	NE	N	NE	47.8	39.1	108.4	63	258.3	5	A.-Cu. W	Cu.	9	Ci.-S.	S.-Cu. NE
10	N	N	N	NNW	NE	NE	52.5	50.7	110.4	72.2	285.8	8	Ci.	Cu. NE	7	Ci.-S.	Cu. NE
11	Calm	Calm	NE	N	N	N	25.9	45.4	105.1	60.1	236.5	8	Ci.-S.	Fr.-Cu. NE	9	Ci.	Cu.-N. NE
12	N	N	Calm	NE	Calm	NE	63.9	34.1	28.2	38.4	164.6	10	Ci.-S.	N. W	10	Ci.-S.	N. ENE
13	NE	NE	NE	NE	NE	NE	50.1	31.2	95.6	37.3	214.2	7	A.-Cu. NW	S.-Cu. E	6	Ci.-S.	Cu. E
14	Calm	N	N	N	N	NE	78.4	94.7	140.5	103.5	417.1	8	Ci.	S.-Cu. NE	9	A.-Cu.	S.-Cu. NE
15	NE	NE	NE	W	Calm	N	76.7	30.6	60.7	57.4	225.4	8	Ci.	S.-Cu. E	10	Ci.-S.	N. E
16	NE	NE	Calm	N	NW	NW	51.8	37.8	75.6	47.3	212.5	6	A.-Cu. E	S.-Cu. NE	9	Ci.	Cu. E
17	NW	Calm	Calm	N	NE	NE	45.4	49.7	137.3	68.2	300.6	4	Ci.	Fr.-Cu. NE	5	Ci.	Cu. E
18	Calm	NE	NE	NE	NE	NE	36.2	47.3	78.4	30.8	192.7	1	Ci.	Cu.	7	A.-Cu. E	Cu. SE
19	NE	S	S	N	Calm	NW	48.3	37.8	72.6	84	242.7	9	A.-Cu. E	S.-Cu. E	8	Ci.	S.-Cu. ESE
20	NW	Calm	NW	NW	Calm	NW	41.5	64.2	-----	36	-----	8	A.-Cu.	S.-Cu. E	9	A.-Cu. ENE	S.-Cu. ENE
21	N	NW	NW	NW	N	N	59.8	47.3	93.3	85.9	286.3	8	Ci.-S. E	Cu. E	7	A.-Cu. E	Cu. E
22	N	N	N	N	NE	NE	51.2	46.1	84.7	61	243	4	Ci.	Fr.-Cu. NE	9	A.-Cu. E	S.-Cu. ENE
23	Calm	NE	NE	NE	NEbyN	Calm	35.4	47.8	105.4	67.6	256.2	9	A.-Cu. E	S.-Cu. E	7	Ci.	Cu. NE
24	E	E	NE	N	N	N	57.7	75.3	91.4	50.1	274.5	9	Ci.-S.	Cu. E	9	Ci.	Cu. N
25	N	N	Calm	N	N	NE	57.7	39.9	110	87.1	294.7	6	Ci.	Cu. E	5	Ci.	Cu. NE
26	NE	Calm	N	Calm	Calm	Calm	51.7	22.8	23.8	19.1	117.4	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	S.-Cu. SE
27	Calm	E	S	S	SW	SW	33.3	68.9	89	41.8	233	10	Ci.-S.	S.-Cu. S	7	A.-Cu. S	Cu. S
28	SW	SW	SW	SE	SE	S	61.8	34	45.3	37.3	178.4	6	Ci. NE	S. S	8	Ci.	S.-Cu. S
29	S	S	S	SW	SW	SW	66.6	55.2	80.3	64.4	266.5	8	A.-Cu. SE	------	4	Ci.	Cu. SW
30	SW	SW	SW	S	W	W	75.4	55.8	77.5	65.4	274.1	6	Ci. E	Cu.	4	Ci.	Cu. SW
Mean	------	------	------	------	------	------	53.5	48.9	89.8	60.6	253.5	6.8	------	------	7.4	------	------

ATIMONAN.

[ϕ=14° 00′ N ; λ=121° 55′ E ; barometer above sea, 4.1 meters ; gravity correction not applied, —1.74 mm.]

JULY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.30	58.23	58.65	57.30	56.71	58.16	57.89	25	24.8	30.6	31.1	29.5	27	28	31.6	23.8	91	92	68	68	75	88	80.3	------
2	56.50	57.07	56.57	55.46	56.14	57.56	56.55	25.6	25	30.9	32.5	30.2	26.7	28.5	33	24.4	90	92	71	58	71	90	78.7	------
3	55.58	56.09	56.33	55.29	55.62	57.11	56	25.3	26.8	31.1	33.3	31.4	28.4	29.4	33.4	24.4	97	90	65	60	65	82	76.5	------
4	56.29	57.24	58	56.07	56.82	58.91	57.22	26.5	26	31.8	34.1	31.2	28.5	29.7	35.2	25.2	87	90	63	55	66	81	73.7	------
5	57.34	58.12	58.07	57.02	57.29	58.73	57.76	26.2	25.1	32.1	34.2	31.5	28.5	29.6	35	24.5	89	91	60	54	66	83	73.8	------
6	57.67	58.47	58.77	57.02	57.65	59.07	58.11	26.7	25.5	32	33	29.3	27.4	29	33.6	25	89	93	70	64	83	91	81.7	0.5
7	58.21	59.22	59.69	57.65	58.04	59.48	58.72	26.5	27	29.4	32	28	26.3	28.2	33	25.2	93	92	78	64	89	93	84.8	29.5
8	59.52	60.03	60.43	58.84	59.09	60.37	59.71	25.8	25	31	31.8	30.4	27.4	28.6	34	24.4	96	97	79	63	78	86	83.2	------
9	59.48	60.15	60.99	59.02	59.28	60.99	59.98	25.7	25	31	32.4	30.4	29.4	29	34	24.4	94	96	81	68	79	79	82.8	------
10	59.70	60.10	60.86	59.31	58.96	60.26	59.90	28.6	28.1	31.5	30.1	30	29.1	29.6	33.5	27.6	81	84	72	75	80	83	79.2	.5
11	58.85	59.45	59.83	59.55	59.58	60.12	59.56	28.6	27.9	31	28.4	28.7	25.7	28.4	33.3	24.4	83	88	79	80	84	88	83.7	15.5
12	59.03	58.46	58.91	58.13	58.50	59.62	58.78	24.4	24.2	29.6	27.2	27	26.7	26.5	32.2	23.5	95	96	78	85	80	88	87	3.6
13	57.93	57.99	58.50	57.42	57.58	58.46	57.98	26	24.6	31	25.6	27.6	27.8	27.1	31.8	24.2	88	95	75	89	84	86	86.2	10.9
14	57.08	57.50	57.40	56.94	57.33	58.17	57.40	26	25.5	32	30.5	28	28	28.3	32.4	24.8	94	94	72	79	83	86	84.7	1.3
15	57.05	57.73	57.65	57.66	57.61	58.36	57.68	27.5	27.6	27.6	29.6	28.5	26.8	27.9	30.9	25.6	87	86	76	74	81	78	80.3	6.4
16	58.64	58.41	58.96	57.89	57.57	58.92	58.40	26	27	29.3	29.6	28.5	27.7	28	31.2	25.3	93	88	80	79	83	84	84.5	8.7
17	58.06	57.78	58.42	57.72	57.65	58.66	58.05	26.4	27.5	27.5	29.4	28.6	27.5	27.8	31.5	25.3	92	87	87	81	78	84	84.8	4.8
18	57.18	57.42	57.49	55.60	56.07	57.70	56.91	27	26.7	27.3	29.4	29.6	28.1	28	30.6	26.3	83	83	86	74	75	80	80.2	------
19	56.02	56.53	56.75	54.93	55.21	57.36	56.13	27.3	24.5	28.8	30.8	29.2	26.5	27.8	31.7	24	84	90	76	67	83	92	82	------
20	55.82	56.17	56.75	55.19	55.83	57.24	56.17	25.4	24.7	30.6	32	30	26.7	28.2	33.8	24.2	93	96	72	58	71	90	80	------
21	55.53	56.70	57.78	56.40	56.99	58.79	57.03	25.5	25.3	30	31.6	29.9	27.1	28.2	32.8	24.5	93	93	76	66	75	88	81.8	------
22	57.27	58.17	58.38	56.92	57.42	59.03	57.86	25.4	24.7	31.5	30.3	26.4	25.4	27.3	33.7	24.1	91	92	69	78	91	93	85.7	20.6
23	57.47	57.85	58.45	56.56	56.50	58.16	57.50	24.7	24.4	30	32	28.5	26.6	27.7	33.1	23.9	96	95	78	70	78	90	84.5	1.5
24	56.59	55.57	56.09	54.57	54.36	56.26	55.57	25	24.8	30.3	32.6	29.3	26.8	28.1	33.9	24	94	93	66	54	72	83	77	------
25	54.89	55.07	55.29	53.93	54.15	55.56	54.82	24.9	25	29.9	32.4	28.6	26.2	27.8	32.8	24	92	91	67	57	73	82	77	------
26	54.92	54.84	54.51	53.06	53.18	54.36	54.14	25.1	24.9	28.5	31.9	28.4	27.6	27.7	32.5	24.5	90	89	72	59	70	74	75.7	------
27	53.97	53.88	53.98	52.34	52.67	53.74	53.43	26.5	26.5	29.9	30.7	28.6	26.9	28.2	31	25.6	79	80	65	63	73	76	72.7	------
28	52.25	52.24	53.56	52.38	51.57	52.87	52.48	26.6	25.6	27.5	26	25.9	26	26.3	30	24.7	80	83	82	87	85	85	83.7	6.3
29	51.81	51.66	51.38	50.14	50.59	51.70	51.21	26	25	28.2	29.9	27.2	26.4	27.1	30.9	24.7	85	92	79	71	77	85	81.5	------
30	50.65	50.55	51.54	51.42	52.22	54.21	51.76	25.6	25.5	27.9	27.6	26	25.4	26.3	28.7	24.6	90	89	82	87	94	93	89.2	14.7
31	53.61	53.69	53.98	53.58	53.92	55.76	54.09	25.1	25.7	27.2	28.5	27.8	27.7	27	29.2	24.7	96	90	87	75	80	84	85.3	1.1
Mean	56.56	56.85	57.22	55.98	56.20	57.60	56.74	26	25.7	29.9	30.7	28.8	27.2	28	32.4	24.7	89.8	90.5	74.5	69.7	78.1	85.3	81.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	125.9

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.			
												Amount.	Form and direction.		Amount.	Form and direction.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.	
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*			
1	W	WSW	SW	SW	SW	SW	57.7	59.2	56.6	33	206.5	8	A.-Cu. S	------------	10	Ci.-S.	S.-Cu. SW	
2	SW	SW	SW	S	Calm	S	59.5	65	65.8	43.7	234	10	Ci.-S.	S.-Cu. W	7	Ci.-S.	Cu. W	
3	S	S	S	S	SW	Calm	57.3	80.8	76.9	38.9	253.9	7	Ci.-S. NE	Cu. S	5	Ci.-Cu. E	Cu. S	
4	SW	SW	SW	SW	SW	SW	50.4	-----	68.9	59.5	-------	1	Ci.	------------	3	------------	Cu. SW	
5	SW	SW	SW	SW	SW	SW	63	72.6	83.4	51.2	270.2	0	Ci.	------------	3	------------	Cu. SW	
6	SW	SW	Calm	SW	Calm	E	66.6	36.2	65.5	48	216.3	1	Ci.	Cu.	4	Ci.-Cu.	Cu.-N. E	
7	E	Calm	SW	WNW	Calm	SE	41.6	43.7	81.8	49.7	216.8	6	Ci.	Cu. E	7	Ci.-S.	Cu. E	
8	S	S	S	NNE	NE	NE	60.1	33.2	92	45.1	230.4	4	Ci.	S.-Cu. E	7	Ci.-S. E	Cu. S	
9	NW	NW	Calm	NW	NE	NE	67.6	33	106.5	81	288.1	4	A.-Cu. ESE	Cu.	9	Ci.	N. ENE	
10	NE	NE	NE	NEbyN	NE	NE	52.1	83.5	144	83.4	363	8	Ci.-S.	Cu. E	8	Ci.-S.	S.-Cu. N	
11	Calm	NE	NE	NbyW	S	Calm	44.8	72.6	-----	41	-------	10	Ci.-S.	S.-Cu. NE	10	Ci.	Cu.-N. E	
12	W	W	Calm	NE	NE	NE	58.9	30.3	61	43.7	193.9	7	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. E	
13	Calm	NE	Calm	Calm	NE	NE	31.6	45.3	48.8	54.2	179.9	8	Ci.-S.	S.-Cu. E	10	Ci.-S.	N. ENE	
14	Calm	Calm	NE	NE	NE	NE	26.8	50.5	100.1	92.7	270.1	9	Ci.-Cu. E	Fr.-S. NE	10	Ci.-S.	S.-Cu. E	
15	NE	NE	E	NE	NE	NE	36	64.4	91.7	73.7	265.8	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S. E	
16	NE	NE	NE	NE	NE	NE	79.1	83.5	61.5	-----	-------	10	Ci.-S.	S.-Cu. NE	9	Ci.-S.	S.-Cu. E	
17	NE	NE	NE	NE	NE	NE	-----	97.1	71.8	80.7	-------	10	Ci.-S.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE	
18	NE	N	N	N	N	N	74	86.7	91.2	77.9	329.8	7	Ci.-Cu.	S.-Cu. ENE	4	Ci.-S.	Cu. E	
19	N	N	N	N	N	NE	56.1	63.6	74.6	36.8	231.1	5	Ci.	S.-Cu. E	4	Ci.-S.	Cu. NE	
20	NE	NE	Calm	S	S	S	52.5	28.8	56.8	42	180.1	3	Ci.	Cu.	6	Ci.-S. E	Cu.	
21	S	S	S	SW	Calm	Calm	60.2	43.3	66.8	34.8	205.1	7	Ci.	Cu. SW	6	Ci.-S.	Cu. SW	
22	SW	SW	SW	SW	W	W	59.7	38.6	61.2	59.2	218.7	8	Ci. E	Cu.	9	Ci.	N. SW	
23	W	W	Calm	WSW	NW	NW	64.6	35.4	67.1	43.2	210.3	10	Ci.-S.	Fr.-S. SW	9	Ci.-S.	S.-Cu. W	
24	W	W	W	W	SW	SW	36.5	43.5	59.3	48.5	187.8	10	Ci.-S.	S. W	7	A.-Cu.	Cu. W	
25	SW	Calm	SW	SW	SW	SW	53.3	75	82.7	32.4	243.4	7	A.-Cu. W	Cu.	8	A.-Cu. W	Cu. WSW	
26	SW	SW	SW	SW	SW	SW	33.2	93.3	86.4	-----	-------	7	A.-Cu. SSW	Cu. SSW	8	A.-Cu.	Cu. W	
27	SW	SW	SW	SW	SW	SW	-----	-----	-----	-----	-------	8	Ci.-S.	S.-Cu. W	9	A.-Cu. WSW	Cu. W	
28	SW	W	W	W	SW	WSW	-----	-----	-----	-----	-------	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	Fr.-N. W	
29	SW	SW	SW	SW	SW	Calm	-----	-----	-----	-----	-------	10	Ci.-S.	S.-Cu. W	9	A.-Cu. W	Cu. W	
30	SW	SW	SW	SW	SW	Calm	-----	-----	-----	-----	-------	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	N. SW	
31	SW	SW	SSW	SSW	SSW	SSW	-----	60.9	67.8	82.9	-------	10	Ci.-S.	S.-Cu. SSW	10	Ci.-S.	S.-Cu. SSW	
Mean	------	------	------	------	------	------	53.7	58.5	76.5	55.1	237.9	7.3	------------	------------	7.7	------------	------------	

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

AUGUST, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	54.58	54.98	56.03	54.73	54.85	56.92	55.35	27.2	27.1	30	31.8	30.3	27.9	29	32.8	26.7	85	85	66	64	74	82	76	------
2	56.68	56.46	56.48	54.61	55.32	57.34	56.15	27.4	25.4	31.7	33.1	30.5	27.4	29.2	33.8	25	83	92	58	55	68	84	73.3	------
3	56.58	56.33	56.67	55.01	55.69	57.37	56.28	26	26.4	31.5	33.1	30.6	28	29.3	33.8	25.5	92	91	63	60	68	82	76	------
4	56.18	56.20	55.89	54.65	55.30	57.19	55.90	26	25.1	31.5	32.8	30.5	27.9	29	33.9	24.7	89	92	62	61	70	76	75	------
5	55.52	55.97	56.83	55.76	56.15	58.01	56.37	27.7	26.8	30.5	31.7	29.1	27	28.8	32.7	26.3	81	84	66	64	77	88	76.7	------
6	57	57.27	57.02	55.98	56.36	58.60	57.04	25.4	24.6	27.5	30.4	28.9	27.4	27.4	31.5	24.4	89	92	76	68	74	76	79.2	------
7	57.09	57.57	57.51	56.08	56.48	57.80	57.09	25.7	26.6	30	32.8	30.1	27.6	28.8	33.7	24.6	89	83	64	59	71	75	73.5	------
8	56.58	56.48	56.59	54.86	54.94	56.79	56.04	27	26.9	30	32	30	28.2	29	33.9	26.3	78	77	69	61	64	73	70.3	------
9	55.32	54.85	55.57	54.50	55.03	57.14	55.40	27.4	27	31.4	33.5	30.5	28.4	29.7	33.9	26.8	81	80	61	53	65	71	68.5	------
10	56.20	56.12	56.67	56.28	56.52	58.52	56.72	27.5	27.4	31.2	26.5	27.5	27.2	27.9	33.6	26.4	74	76	66	87	73	73	74.8	3.8
11	57.34	57.29	58.01	56.33	57.12	58.51	57.43	26.6	27	29.2	31.6	28.6	27	28.3	32.7	26.3	77	75	75	64	72	71	72.3	3
12	57.17	57.34	57.55	56.21	56.58	57.27	57.02	26.9	23.9	29.5	29.5	26.5	26.5	27.1	30.5	23.5	74	87	66	76	80	78	76.8	------
13	56.20	56.30	57.06	55.79	55.83	57.22	56.40	25.5	25.5	28.7	30.5	27.7	27.5	27.6	31	25	84	89	78	70	73	75	78.2	------
14	56.16	56.82	57.40	55.89	56.01	57.78	56.68	25.7	25.2	30.5	32.1	29.2	25.5	28	34.1	24.8	86	90	67	63	71	90	77.8	------
15	57.07	57.08	57.83	56.97	57.57	58.85	57.56	24.5	23.7	30.4	29.3	27.9	25.8	26.9	34.3	23.4	90	94	72	77	82	89	84	1.5
16	57.74	58.10	58.61	56.48	57.44	58.33	57.78	24.4	23.6	32.5	34.5	27	26	28	35.5	23.2	94	95	69	59	75	92	80.7	------
17	56.87	56.82	57.97	55.85	55.99	56.94	56.74	26	25.4	25.7	29.4	28.6	25.5	26.8	30.5	23.9	89	92	84	69	79	88	83.5	35.3
18	55.87	55.73	56.52	54.71	55.23	56.30	55.73	25.1	24.5	28	30	29.1	26.3	27.2	31.5	23.9	91	92	79	74	74	90	83.3	------
19	55.05	55.43	55.83	54.63	55.40	55.98	55.39	24.8	24.5	30.5	27.1	27.4	26.2	26.8	33.6	24.2	92	94	79	82	87	92	87.7	------
20	54.54	55.54	55.57	54.39	54.94	56	55.16	26	25	29.5	29.7	28.5	27.4	27.7	32.7	24.6	92	95	74	71	76	82	81.7	------
21	54.43	55.19	56.12	55.18	55.89	57.43	55.71	27.1	25.4	29.9	30.8	26.1	26.3	27.6	31.8	25.1	84	93	69	69	87	83	80.8	7.6
22	56	56.37	56.66	55.37	55.69	57.27	56.23	25.4	24.8	30.5	32	29.2	27.6	28.2	32.6	24.3	89	93	65	61	71	76	75.8	------
23	56.07	55.17	56.20	55.28	55.51	57.07	55.88	27.3	25.6	29.9	31.4	29.1	27.5	28.5	32.4	25.4	80	88	69	65	71	78	75.2	------
24	56.28	55.59	56.73	55.89	56.30	57.82	56.44	27.1	27	29.8	28.4	27	26.5	27.6	31.9	26	82	80	71	79	75	76	77.2	------
25	56.93	56.90	57.45	55.94	56.77	58.91	57.15	26.4	25.6	30.4	32.2	29	26.6	28.4	32.8	25.4	79	84	69	60	77	83	75.3	------
26	58.09	58.57	58.69	56.91	57.87	59.32	58.24	25.4	24.6	31.2	32	28.4	25.5	27.8	33.1	24.1	90	92	64	57	77	92	78.7	------
27	58.45	59.10	60.09	59.42	58.08	59.49	59.10	24	23.5	29.5	27.9	26	25	26	31.5	23.2	93	96	66	80	84	91	85	------
28	59.04	59.27	59.62	57.95	58.80	60.75	59.24	24.9	24.8	30.4	29.8	29.3	26	27.5	33.1	24.4	94	95	69	66	72	87	80.5	------
29	58.96?	58.95	59.29	57.07	57.39	59.22	58.48	24	23	31	34	30.2	26.4	28.1	35.5	22.8	92	96	69	63	69	85	79	------
30	58.55	58.68	58.73	57.26	57.16	58.52	58.15	24.8	24.4	29.5	31.3	29.7	26.1	27.6	32.9	24	93	92	76	66	76	85	81.3	------
31	57.24	57.30	58.31	56.44	56.87	58.11	57.38	25.3	24.4	29.9	30.4	28	26.6	27.4	32.1	24	87	93	75	77	77	87	82.7	------
Mean	56.64	56.77	57.27	55.88	56.29	57.83	56.78	26	25.3	30.1	31	28.7	26.8	28	32.9	24.8	86.2	88.9	69.5	67.1	74.5	82.3	78.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	51.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	S	S	SSW	SW	S	S	73.4	100.1	100	62.6	336.1	3	Ci.	Cu. S	7	A.-Cu. SW	Cu. SW
2	S	S	SW	SW	SW	Calm	49.6	63	70.8	31.1	214.5	3	Ci.-Cu.	-----	4	Ci.	Cu.
3	SW	SW	SW	SW	SW	SW	41.6	86.9	67.1	21.7	217.3	9	Ci.-S.	Cu. SW	5	Ci.	Cu. W
4	SW	SW	SW	SW	SW	SW	38.9	79.7	85	44.3	247.9	8	Ci.-S. ENE	Cu.	6	Ci.-S. NE	Cu. WSW
5	SW	SW	SW	SW	SW	SW	44.6	61.8	61	22.8	190.2	10	A.-Cu. NNE	S.	10	Ci.-S.	S.-Cu. SW
6	W	W	SW	SW	SW	SW	41.3	75.3	85.3	67.4	269.3	10	Ci.-S.	S.	10	Ci.-S.	S.-Cu. W
7	Calm	SW	SW	SW	SW	SW	45.7	86.3	-----	-----	-----	4	Ci.	S.-Cu. W	5	A.-Cu. W	Cu. W
8	SW	Calm	SW	SW	SW	SW	-----	-----	-----	-----	-----	5	Ci.-S. E	Cu.	5	Ci.-S.	Cu. W
9	SW	SW	SW	SW	SW	SW	-----	-----	-----	-----	-----	2	Ci.	Cu.	4	Ci.	Cu. SW
10	SW	SW	SW	SW	W	SW	-----	-----	-----	83.1	-----	5	Ci.	Cu. WSW	10	Ci.-S.	N. W
11	SW	SW	SW	SW	SW	SW	63.6	53.3	63.6	74.2	254.7	10	Ci.-S.	S.-Cu. WSW	9	A.-Cu. W	Cu. W
12	SW	Calm	SW	SW	SW	SW	54.9	84	68.7	39.4	247	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	S.-Cu. SW
13	SW	Calm	SW	SW	SW	SW	29.5	47.7	59.7	37.8	174.7	9	A.-Cu. W	Cu.	10	Ci.-S.	Cu. SW
14	SW	Calm	SW	SW	SW	Calm	30.1	68.7	75.3	28.4	202.5	7	A.-Cu. SW	S.-Cu. W	9	Ci.	S.-Cu. W
15	SW	SW	W	NW	W	W	57.1	50.2	55	48	210.3	4	Ci. SE	Cu.	8	Ci.-S.	N. W
16	W	W	Calm	W	W	W	72.7	35.4	36.7	64.9	209.7	4	Ci. ENE	-----	6	Ci. E	Cu. NW
17	W	W	NW	NNW	NW	NW	45.3	89.5	72.6	54.4	261.8	7	Ci.-S. ENE	Cu.	8	A.-Cu. ENE	Cu.
18	NW	NW	NW	NWbyN	NW	NW	-----	42.1	62.3	46.7	-----	10	Ci.-S.	Fr.-N. ESE	5	A.-Cu. SE	Cu.
19	NW	NW	Calm	NW	WSW	W	74	31.1	37.6	39.1	181.8	6	A.-Cu. NE	Cu.-N.	9	Ci.-S.	S.-Cu. W
20	Calm	Calm	W	NW	SSW	SW	27.4	29.6	82.1	51.2	190.3	4	Ci. E	Cu.	9	Ci.-S.	Cu.
21	W	Calm	W	S	WSW	W	48.6	52	79.4	54.7	234.7	9	Ci.-S.	S.-Cu. S	10	Ci.-S.	S.-Cu. SSW
22	Calm	WSW	SW	SW	SW	SW	24.3	81.1	111.6	62.8	279.8	5	Ci.	S.	8	Ci.-S. ENE	Cu. W
23	SW	SW	SW	SW	SW	SW	41	72.1	87.9	59.8	260.8	10	Ci.-S.	-----	10	Ci.-S.	S.-Cu. W
24	SW	SW	SW	SW	W	SW	69.8	71.6	79.1	54.1	274.6	10	Ci.-S.	Fr.-S. SW	10	Ci.-S.	S.-Cu. W
25	SW	SW	SW	SW	Calm	SW	79.4	58.7	61.7	28.7	228.5	9	A.-Cu.	S.-Cu. S	6	Ci.-S.	Cu. SW
26	Calm	SW	S	SW	SW	SW	38.6	57.3	93.1	44.9	233.9	7	A.-Cu. S	Fr.-S. SW	5	Ci.	Cu. S
27	SW	SW	SW	S	SW	SW	77.5	75	70.5	29.8	252.8	7	Ci.-S. ENE	Cu.	10	Ci.-S.	S.-Cu. S
28	SW	SW	SW	S	SW	SW	44.1	74.8	81.1	39.7	239.7	8	A.-Cu. S	S.-Cu. SW	7	Ci.-S.	Cu.
29	SW	SW	Calm	Calm	SW	SW	70	34.9	28.7	70.8	204.4	1	Ci.	-----	7	Ci.	Cu. SW
30	SW	SW	SW	SW	W	W	67.8	49.7	73.4	55.2	246.1	7	Ci.	S.-Cu. NE	9	Ci.-S. ENE	Cu. NW
31	W	W	Calm	Calm	W	W	50.7	37.2	30.9	51.7	170.5	9	Ci.-S. E	Cu.	10	Ci.-S.	S.-Cu. NW
Mean	------	------	------	------	------	------	51.9	62.5	69.6	48.9	232.1	6.8	-----	-----	7.8	-----	-----

ATIMONAN.

[φ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

SEPTEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.63	56.72	57.24	55.56	56.62	57.24	56.67	25.3	24.7	30.5	31.1	26.7	25.2	27.2	33.2	24	87	88	65	62	83	91	79.3	------
2	56.29	56.64	57.24	55.05	55.37	57.10	56.28	23.7	23.4	30	29.1	27	25.2	26.4	32.3	23	94	95	65	74	90	89	84.5	10.9
3	56.27	56.43	57.06	55.29	55.13	56.60	56.13	25.3	24	32.2	29	27	25	27.1	33	23.6	84	92	68	77	80	91	82	15.2
4	55.28	55.55	56.34	54.77	54.86	56.54	55.56	24.1	23.1	30	27.8	27	26.4	26.4	32.5	22.7	91	95	71	88	87	87	86.5	21.8
5	55.59	55.24	55.96	54.22	53.89	55.92	55.14	24.8	24.6	29.8	31.3	30	27	27.9	33.2	23.9	92	92	72	69	73	78	79.3	------
6	54.51	54.43	54.70	52.87	53.57	55.32	54.23	25.7	25.7	30.6	33.4	29.9	27.4	28.8	33.9	25	85	84	68	53	65	77	72	------
7	53.67	53.57	54.03	52.39	53.36	54.24	53.54	26.6	26.4	29.4	31.4	28.2	27.2	28.2	32.2	25.9	80	81	74	63	74	77	74.8	------
8	53.58	53.40	53.50	51.93	52.74	54.29	53.24	27	26.2	28.5	29.8	26.4	26.8	27.4	30.6	25.8	75	75	70	70	81	81	75.3	------
9	53.40	53.57	55.26	53.97	54.56	56.10	54.48	26.5	26.3	27	26	25.9	25.5	26.2	28	24.9	83	86	84	86	87	88	85.7	2.5
10	54.80	55.37	56.44	54.85	55.49	56.57	55.59	24.8	25	26.5	28.6	25.5	25.2	25.9	29.2	24.3	92	91	82	75	84	83	84.5	1
11	54.54	54.70	55.92	54.91	54.92	56.39	55.23	25.6	25.5	30.4	26.1	27.4	25.7	26.8	32.5	24.4	82	82	68	89	87	86	82.3	8.9
12	55.79	55.60	56.42	55.27	55.42	56.99	55.92	24	25.2	27.7	27.5	27.8	26	26.4	30	23.5	97	92	87	91	86	96	91.5	5.8
13	56.02	56.78	57.88	55.57	56.17	57.62	56.67	25	26.4	26.2	29.4	25.2	24.9	26.2	29.7	24.5	98	90	92	72	83	89	87.3	9.3
14	57.07	57.53	59.15	57.24	57.08	58.44	57.75	25	24	23.3	28.1	27	25.5	25.5	29.4	23	92	95	97	84	84	93	90.8	24.4
15	57.58	57.66	58.43	57.42	57.36	59.60	58.01	24.7	23.9	28.9	27.9	28.4	26.7	26.8	29.7	23.4	97	97	84	80	81	83	87	17.5
16	58.50	59.25	60.28	58.61	58.82	59.79	59.21	24.8	24	28.1	29.2	27.3	27.5	26.8	30.5	23.5	92	96	82	77	86	88	86.8	------
17	59.34	59.35	60.05	58.24	58.70	60.19	59.31	26.2	24.5	29	29.1	28.5	27.7	27.5	30.7	24.2	92	96	78	81	85	90	87	15.3
18	58.37	58.39	59.72	58.11	58.08	59.28	58.66	26.6	26.9	27.6	28.8	27.4	27.4	27.4	30.3	25.8	94	92	88	85	88	85	88.7	6.1
19	57.89	57.60	58.90	56.60	57.33	59.30	57.94	26	25.8	29.4	29	28	25	27.2	30.8	24.3	94	91	84	83	88	93	88.8	56.9
20	58.49	58.62	59.44	56.64	57.31	59.12	58.27	25.2	24.3	28.4	29.6	28.4	26	27	30.2	23.9	91	94	85	77	77	89	85.5	------
21	58.07	58.82	59.84	57.49	57.44	59.20	58.48	24.8	26	27.9	29.3	28.4	27.9	27.4	30.5	24.2	94	87	79	79	82	84	84.2	------
22	58.17	58.36	59.09	57.19	58.05	59.25	58.35	27	27	28.9	30	28	27.9	28.1	30.4	26.5	85	85	82	75	85	89	83.5	------
23	58.12	58.08	58.76	56.76	57.24	58.21	57.86	27.2	27.2	29.2	30.9	28.3	28.2	28.5	33	26.5	88	86	78	73	86	88	83.2	------
24	57.44	58	58.73	56.57	57.25	58.54	57.76	26.1	25.9	28	29.4	27.6	25.5	27.1	29.9	24.5	93	89	82	76	83	93	86	------
25	57.79	58.16	58.45	56.79	57.45	59.09	57.96	24.4	24	28.6	29.1	28.2	25.6	26.6	30.6	23.6	97	96	78	78	84	95	88	------
26	58.15	58.89	58.94	57.29	57.72	59.60	58.43	24.6	24.2	30	30.9	28.2	26.6	27.4	32.1	23.7	97	95	78	66	81	84	83.5	------
27	58.37	58.72	59.07	56.94	58.36	60.22	58.61	24.5	24	29.9	30.8	26.1	25.6	26.8	33.8	23.6	93	96	77	72	89	93	86.7	10.9
28	58.23	58.84	59.26	57.81	58.42	59.75	58.72	24.4	23.6	29.8	30.9	26	24.7	26.6	32.3	23.3	91	95	75	78	91	94	87.3	2.3
29	58.29	58.65	59.44	58.10	58.95	59.92	58.89	23.9	23.5	29	26.6	28.4	25.9	26.2	30.7	23	93	97	79	89	84	93	89.2	8.6
30	58.90	59.29	60.07	58.76	59.57	60.77	59.56	25.3	23.8	29.2	27.5	27	26	26.5	30.8	23.5	93	97	76	83	83	89	86.8	20.6
Mean	56.84	57.07	57.85	56.11	56.57	58.04	57.08	25.3	25	28.8	29.3	27.5	26.2	27	31.2	24.2	90.5	90.9	78.3	76.8	83.2	87.9	84.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	238

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	WSW	SW	S	W	W	47.3	62.5	83.5	47	240.3	10	Ci.-S.	S.-Cu. ESE	9	Ci.-S.	S.-Cu. WSW
2	W.	W	SW	NW	Calm	NW	62.3	73.8	41.5	44	221.6	7	Ci.-S. E	Cu.	8	Ci.-S.	N. WSW
3	NW	NW	Calm	W	W	W	46.4	29.8	46.4	47.7	170.3	4	Ci. E	S.	10	Ci.-S.	N. W
4	W	W	W	NW	SW	SW	61.7	52.1	52.6	64.4	230.8	9	Ci.-S. E	Cu.	10	Ci.-S.	N. W
5	SW	Calm	WSW	Calm	WSW	W	52.6	56.1	55.7	48.9	213.3	2	A.-S.	Cu.	8	Ci.	S.-Cu. SW
6	W	W	SW	W	SW	SW	72.7	96.9	106.4	61	337	5	Ci. E	Cu.	6	Ci.	Cu. SW
7	SW	SW	SW	SSW	SW	SW	73.5	107.6	116.2	97.1	394.4	9	A.-Cu. NW	S.-Cu. SW	7	A.-Cu. SW	Cu. SW
8	SW	SW	SW	SW	SW	SW	96.1	122.8	87.2	67.4	373.5	9	A.-Cu. WSW	Cu. W	9	A.-Cu. WSW	S.-Cu. WSW
9	SW	SW	SW	SW	SW	SW	65.8	59.5	73?	41.2	239.5	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	N. SW
10	SW	SW	SW	SW	SW	SW	38.9	81.9	85	93.9	299.7	10	Ci.-S.	Fr.-N. SW	10	Ci.-S.	S.-Cu. WSW
11	SW	SW	SW	W	Calm	W	93.3	63.8?	48	50.1	255.2	9	A.-S.	Fr.-S. SW	9	Ci.-S.	S.-Cu. W
12	W	NW	Calm	Calm	N	NW	58.7	33.2	21.2	35.2	148.3	9	Ci.-S.	Fr.-N. N	10	Ci.-S.	N. W
13	NW	NNW	NNW	NNW	W	W	80.5	73.8	65.5	50.2	270	10	Ci.-S.	S.-Cu. NW	6	A.-Cu. NW	Cu. N
14	Calm	SW	Calm	Calm	W	W	42	36.5	26.4	34.4	139.3	10	Ci.-S.	N. S	6	A.-Cu. S	Cu. W
15	W	W	Calm	SE	NE	NE	39.6	33.6	71.4	66	210.6	8	Ci.	S.-Cu. SE	7	A.-Cu. SE	Cu. SE
16	Calm	N	N	N	NE	Calm	38.8	73.4	82.4	31.6	226.2	4	Ci.-Cu.	S.-Cu. SE	8	Ci.-S.	Cu. NE
17	NE	NE	NE	N	N	N	35.6	75.3	152.6	95.5	359	4	Ci.-S. E	Cu.	6	Ci.	Cu. NE
18	NE	NE	NE	NNW	NW	NW	71.8	73.5	116.4	82.6	344.3	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
19	Calm	NW	Calm	NW	NW	Calm	48.3?	51	94.4	50.7	244.4	9	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
20	NW	NW	NW	NW	NW	N	49.1	67.9	95.2	60.4	272.6	9	Ci.-S.	S.-Cu. NE	6	A.-Cu. E	Cu. E
21	N	NW	N	NW	NW	N	65.4	62	83.4	91.7	302.5	10	Ci.-S.	S.-Cu. N	6	Ci.-S.	Cu. NE
22	N	Calm	N	N	N	N	34	52.3	126	58.9	271.2	4	A.-Cu. ENE	Fr.-Cu. NE	5	Ci.	Cu. NE
23	N	N	N	N	N	N	51.5	115.4	117.2	71.1	355.2	4	Ci.	Fr.-Cu. NE	6	Ci.	Cu. NE
24	NWbyN	NW	NW	NW	NW	NW	47	71.3	92.5	49.6	260.4	7	A.-Cu. NNW	Fr.-S. N	5	Ci.-Cu.	Cu. N
25	NW	NW	NW	NW	Calm	NW	64.1	47	45.1	45.7	201.9	3	Ci.	Cu.	8	Ci.	Cu.-N. NW
26	NW	NW	Calm	NW	NW	WSW	64.9	30.9	68.4	48.3	212.5	4	Ci. E	Cu. S	8	Ci.	Cu.-N. SW
27	Calm	WbyN	SbyW	SSE	Calm	SW	49.3	46.2	46.5	55.2	197.2	7	A.-Cu. N	Cu.	7	A.-Cu. N	Cu. S
28	SW	SW	SW	Calm	E	S	71.1	40	36.7	53.9	201.7	7	Ci.-Cu. E	Cu.	10	Ci.-S.	S.-Cu. SE
29	S	S	S	NW	NW	Calm	65.5	47.7	57.1	32.2	202.5	4	Ci.-Cu. NE	Cu. NE	9	Ci.	S.-Cu. NE
30	NWbyW	W	NW	NE	NNE	N	49.9	44.9	106.8	100.4	302	3	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
Mean	------	------	------	------	------	------	57.9	62.8	76.7	59.2	256.6	7	------	------	8	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,697.4	----	------	------	----	------	------

ATIMONAN.

[φ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

OCTOBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.88	60.01	60.52	58.14	58.47	59.72	59.46	25.1	25.3	28.4	29.6	28	28.2	27.4	29.9	23.9	92	89	81	77	85	87	85.2	8.6
2	58.02	58.08	58.39	55.96	57.10	59.12	57.78	27.3	27.5	28.8	28.8	28.8	24.8	27.7	29.2	24.1	82	81	80	78	80	90	81.8	27.7
3	56.43	56.45	57.01	54.41	55.48	56.80	56.10	26.5	26.7	27.8	28	27.8	25.3	27	29	24.6	88	90	86	85	86	91	87.7	6.1
4	55.20	55.82	56.86	54.61	55.36	56.98	55.80	24.6	24.4	28	29	28.1	26.8	26.8	29.8	24.2	95	97	84	78	84	92	88.3	6.1
5	55.59	55.96	56.50	54.68	55.40	56.58	55.78	24.5	24	28	29.8	28.3	26	26.8	30.3	23.6	97	97	85	74	79	92	87.3	------
6	55.30	55.29	56.01	53.94	54.47	55.94	55.16	24.3	23.5	29.7	31	28.6	25.4	27.1	31.3	23.3	97	98	82	67	79	87	85	------
7	54.57	54.83	55.53	53.86	54.30	55.95	54.84	23	22.6	30.4	30.5	29	28	27.2	30.8	22.1	96	97	76	68	78	81	82.7	------
8	54.91	55.02	56.21	53.98	55.30	56.30	55.29	25.8	25	30.6	27.5	25	25.1	26.5	31.5	24.3	87	92	78	83	96	96	88.7	21.3
9	55.50	56.04	56.81	55.22	56.30	57.73	56.27	24.4	24	30	27.6	25.1	24	25.8	31	23.3	99	98	78	88	95	97	92.5	18.5
10	56.84	57.51	58.16	56.76	58.14	59.63	57.84	23.2	22.7	28.5	28.5	25.8	24.5	25.5	31	22.5	97	99	87	80	93	99	92.5	22.6
11	59.15	60.03	60.49	58.35	59.84	60.92	59.80	23.9	24.5	29	30	28.6	25.7	27	31.1	23.4	99	96	81	73	80	93	87	34
12	60.28	60.17	59.97	57.72	58.52	59.17	59.30	24.7	24	28.7	27.5	27.7	27.8	26.7	30.2	23.4	92	96	84	87	86	86	88.5	13.7
13	57.96	57.79	59.09	56.52	56.49	57.45	57.55	27.1	26.4	25.6	25	26.7	25.6	26.1	28.9	24.4	85	89	94	92	89	91	90	32.8
14	56.34	56.58	57.49	56.28	56.88	58	56.93	25.7	24.8	29	27.2	26.6	25.2	26.4	29.4	24.1	88	94	83	89	91	95	90	27.7
15	57.13	57.39	58.41	57.12	57.77	59.10	57.82	24.5	23.9	28.7	26	25.8	24.3	25.5	29.4	23.5	95	97	85	92	90	97	92.7	21.6
16	57.84	58	59.11	57.33	57.76	59.39	58.24	24.2	24	28	29.4	27.5	26	26.5	30	23.5	96	96	85	79	90	96	90.3	4.8
17	58.47	58.53	59.07	56.63	57.05	58.53	58.05	25.2	24.4	28.6	31	28.7	25.8	27.3	32	24	95	98	80	71	78	93	85.8	------
18	57.82	58.33	58.74	56.85	56.89	58.42	57.84	27.1	27.5	30.1	29.5	29	28.4	28.6	31.4	25	89	88	78	79	81	82	82.8	------
19	57.52	57.66	59.27	56.48	57.39	59.32	57.94	27.6	27.3	30.4	32.4	29.4	28.1	29.2	32.9	26.8	87	87	79	70	79	84	81	3.3
20	58.64	58.99	59.59	57.05	57.60	59.11	58.50	26.4	27	31.4	28.8	28.8	27.8	28.4	32	25.7	93	86	74	81	83	90	84.5	16.8
21	57.80	57.83	58.84	56.56	57.31	57.93	57.71	25.9	25.6	29	28.9	27.5	27.2	27.4	30.4	24.3	90	93	79	83	86	87	86.3	8.1
22	56.93	57.12	57.59	55.32	55.94	56.16	56.51	26	27.5	28.5	26.4	26	26.1	26.8	29	24.4	94	83	82	94	92	87	88.7	70.6
23	52.98	52.63	52.52	46.96	44.04	45.11	49.04	25.5	26.5	25.6	26	26.6	25.6	26	27.2	24.4	87	88	91	97	91	95	91.5	114
24	46.69	48.38	50.10	48.84	49.71	51.54	49.21	24.6	24.8	27	26.4	25.7	25.6	25.7	28.5	24.1	96	94	86	89	90	94	91.5	8.6
25	51.26	52.11	52.75	52.44	53.25	54.67	52.75	25.8	24	25	25.5	25.3	23.7	24.9	26	23	85	91	95	88	93	98	91.7	65.6
26	54.71	54.99	56.35	55	55.90	57.23	55.70	23.3	22.6	27.6	29.4	27.7	25.5	26	29.9	22	97	99	84	75	83	93	88.5	------
27	55.99	56.57	57.08	55	55.59	56.34	56.10	24	23.2	28.3	30	27.8	26.2	26.6	30.5	22.7	90	94	74	75	82	87	83.7	------
28	54.75	54.49	54.84	52.44	51.85	52.33	53.45	25.5	25.5	29.9	30.4	28.1	27	27.7	32.5	24.5	88	88	71	72	77	77	78.8	------
29	51.62	51.17	52.13	50.60	51.72	53.25	51.75	26.4	26.5	27.5	28.1	27	27.2	27.1	28.6	25.9	77	80	75	72	78	76	76.3	------
30	52.69	54.26	55.69	53.96	55.44	56.42	54.74	27	27	29.4	29.5	25.9	25.3	27.4	31.2	24.9	77	77	71	74	92	93	80.7	22.9
31	55.45	56.28	57.88	56.07	56.98	58.97	56.94	25.5	25.7	28.4	29.8	27.1	24.8	26.9	30.9	24	92	93	80	73	88	97	87.2	.8
Mean	55.94	56.27	57.06	55	55.62	56.91	56.14	25.3	25.1	28.6	28.6	27.4	26	26.8	30.2	24	91	91.8	81.5	80.1	85.6	90.4	86.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	556.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	NW	NW	NW	NNW	N	N	61.7	103	161.7	110	436.4	4	Ci.	S.-Cu. NNE	7	A.-Cu. ENE	S.-Cu. NE
2	N	N	N	N	N	NE	97.2	124.2	139.5	67	427.9	9	Ci.-S.	S.-Cu., N. NNE	10	Ci.-S.	S.-Cu. N
3	N	NNW	NW	NW	NW	Calm	159.8	118.9	117.7	48.1	444.5	9	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	S.-Cu. NNE
4	N	NNW	NNW	NNW	N	NE	38.6	48.9	106.7	41.6	235.8	9	Ci.-S.	S.-Cu. N	9	Ci.-S.	Cu. E
5	N	NNW	NNW	NNW	N	N	70.8	74	101.9	47.5	294.2	9	Ci.	S.-Cu. NE	7	A.-Cu. NE	Cu.
6	N	NNW	NNW	NNW	N	N	73.2	40.4	69	32.5	215.1	5	Ci.	S.-Cu. NE	6	Ci.	Cu. NE
7	N	NW	NW	NW	NW	NE	76.9	41.8	93	55.8	267.5	7	Ci.	Cu. NE	4	Ci.	Cu.
8	E	E	E	S	NE	Calm	37.2	40.8	62.5	26.9	167.4	9	Ci.	S.-Cu. ESE	7	Ci.	Cu.-N. SE
9	NE	NE	NE	NE	NE	SE	43.3	49.1	55.7	45.1	193.2	9	Ci.-Cu. E	Fr.-Cu. E	10	Ci.-S.	N. E
10	SE	SSE	SE	E	E	SE	59.8	46.4	35.4	51	192.6	9	A.-Cu. SE	S.-Cu. E	10	Ci.-S.	N. SE
11	SE	SE	SE	NE	NNE	N	64.2	34	81.1	50.2	229.5	10	Ci.-S.	N. E	6	Ci.-S.	Cu.-N. ESE
12	S	S	NE	NE	NNW	N	45.4	69.4	96.1	84.2	295.1	5	Ci.	S.-Cu. NE	10	Ci.	N. NE
13	N	NNW	N	NW	NW	NNE	62.8	81.5	130.4	107.2	381.9	9	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
14	N	Calm	NNE	E	Calm	E	49.4	35.1	39.4	30.4	154.3	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. E
15	SE	SE	Calm	Calm	Calm	SE	37.3	36.8	29.2	53.3	156.6	9	A.-Cu. ENE	Fr.-S. E	10	Ci.-S.	S.-Cu. SE
16	SE	SE	SE	NE	Calm	NE	61	39.6	48.9	36.4	185.9	9	A.-Cu. ENE	Cu. E	10	A.-Cu.	Cu.
17	NE	NE	Calm	NE	NE	NE	43.5	38.6	55.8	46.9	184.8	8	Ci.-S.	Cu. E	5	Ci.-S. NE	Cu.
18	N	N	N	N	N	N	68.9	75	122.3	89.1	355.3	7	Ci. SE	S.-Cu. NNE	4	Ci.	Cu. NE
19	N	N	NE	ENE	NE	ENE	39.7	57.1	85.3	66.3	248.4	5	Ci.	S.-Cu. E	4	Ci.	Cu. E
20	Calm	Calm	NE	NE	NE	NE	22.8	95.3	134.6	90.3	343	3	Ci.	Cu. NE	9	Ci.	N. NE
21	Calm	N	N	NNW	NE	NE	39.4	87.2	121.2	49.9	297.7	7	Ci.	S.-Cu. E	8	Ci.	Cu.-N. E
22	NE	N	N	NNW	NNW	NWbyN	113.8	179.7	179.1	179.1	651.7	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. N
23	NNW	NNW	NNW	NNW	NNE	E	240	342.8	450.6	480.4	1,513.8	10	Ci.-S.	N. NNW	10	Ci.-S.	N. N
24	SE	SE	S	SSE	SE	SE	146.2	177.6	140.8	84.7	549.3	10	Ci.-S.	S.-Cu. SSE	10	Ci.-S.	N. S
25	SE	SE	SE	SW	Calm	S	84	62.5	52.3	42.9	241.7	10	Ci.-S.	N. S	10	Ci.-S.	N. S
26	S	SW	W	NW	NW	NW	56.1	60.6	81	43.7	241.4	4	Ci.	S.	6	Ci.-S. E	Cu.
27	WSW	WSW	WNW	WNW	Calm	SW	75.1	44	33.5	32.8	185.4	7	Ci.-S. ENE	------	10	Ci.-S.	S.-Cu. NW
28	W	SW	SW	NW	W	SW	36.4	52.5	74.6	87.4	250.9	10	Ci.-Cu. N	S. W	10	Ci.-S.	S.-Cu. NW
29	SW	SW	WSW	WSW	WSW	SW	74.2	146.4	198	222.3	640.9	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	M.-Cu. W
30	SW	SW	SW	SW	SbyW	Calm	144.6	77.4	65.4	37.6	325	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	N. SW
31	Calm	SSE	SSE	SbyW	Calm	SW	38.6	57.7	46.2	43.7	186.2	10	Ci.	N. S	10	A.-Cu. SSW	S.-Cu. S
Mean	------	------	------	------	------	------	73	81.9	103.5	80.1	338.5	8.1	------	------	8.5	------	------
Total	------	------	------	------	------	------	------	------	------	------	10,493.4	------	------	------	------	------	------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

NOVEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	57.71	58.32	59.74	57.50	58.16	59.94	58.56	24.4	24.5	29.8	28.6	27.7	27.6	27.1	31.2	23.6	97	95	82	84	86	87	88.5	------
2	59.43	58.96	59.50	57.25	57.84	58.30	58.55	27.1	27	30.5	31.2	28.2	27.9	28.6	32	26.5	88	89	78	74	82	82	82.2	3
3	56.17	54.22	53.10	47.22	47.12	53.33	51.86	27.7	27.5	24.5	23.4	23	25	25.2	28.4	22	77	77	89	92	93	85	85.5	121.3
4	53.45	56.28	58.32	56.34	57.78	59.86	57	26.9	26.6	30.2	31.2	27.5	25.6	28	31.6	24.4	73	83	70	70	80	91	77.8	------
5	59.31	59.67	60.35	57.74	58.59	59.68	59.22	24.3	24	28.4	29.5	28.3	27.8	27	30	23.8	97	97	85	80	85	87	88.5	15.7
6	58.55	58.78	59.15	57.28	58.08	59.20	58.51	25	26	30.2	30.9	28	27	27.8	31.6	24	96	88	74	72	84	88	83.7	------
7	58.20	58.47	59.49	57.73	58.20	59.22	58.55	26.4	26.5	28.3	28	27.6	26.5	27.2	28.8	25.3	89	85	79	77	81	86	82.8	------
8	58.57	58.67	59.75	57.93	58.65	59.34	58.82	26.6	26.5	26.2	28.2	26.4	26.6	26.8	29.6	25.4	89	90	90	80	93	91	88.8	32
9	58.42	59.51	59.50	57.19	58.11	58.51	58.54	26	25.4	27.2	28.4	27.6	27.6	27	29.2	24.5	89	93	87	81	85	83	86.3	20.3
10	57.51	57.06	57.27	53.60	51.48	55.86	55.46	24.5	26	26	26.5	26	24.3	25.6	27.3	23	92	85	88	87	89	93	89	83.3
11	55.96	57.33	58.86	57.02	58.10	59.17	57.74	24.5	24.4	25.5	27.6	26	24.5	25.4	28.8	23.1	92	92	92	89	85	96	91	7.1
12	57.89	58.43	59.73	58.05	59.31	60.35	58.96	23.9	23.7	28.3	27.1	27.2	26.8	26.2	30	23.5	96	97	82	81	86	88	88.3	13.7
13	59.28	60.10	60.43	58.74	60	61.04	59.93	26	25	27.6	27.7	23	25	25.7	29.3	22.6	90	96	86	86	93	88	89.8	31.5
14	60.05	60.95	61.39	59.11	60.45	61.29	60.54	24.9	25	29.8	30.3	27.4	26.7	27.4	31.5	24.4	92	92	79	76	82	86	84.5	------
15	60.41	60.75	61.92	59.19	59.54	60.56	60.40	26.3	25.8	27.5	30	27.3	26	27.2	31.2	25.6	84	86	84	76	81	85	82.7	2.3
16	59.55	59.87	60.44	58.38	59.37	60.09	59.62	25.7	25.5	29.5	27.4	26.5	26	26.8	30.1	24.8	86	87	76	85	88	91	85.5	4.6
17	58.40	58.76	60.03	58.34	59.07	60.20	59.13	26.4	26.5	28.3	29.4	27	26.7	27.4	30.4	26	89	88	77	74	72	80	80	4.8
18	59.58	60.16	61.58	60.20	60.65	61.70	60.64	26.5	26.5	29.4	28.8	27.3	26.9	27.6	30.2	25.7	79	79	66	72	74	74	74	8.1
19	60.50	61.20	62.05	60.14	60.48	62.05	61.07	26	25	27	27.6	27.1	24.9	26.3	29.1	23.8	83	88	84	83	80	87	84.2	33.3
20	60.86	60.83	61.80	59.46	59.59	60.61	60.52	25.3	26.5	27.9	27.9	27	26	26.8	28.6	24	91	92	82	82	80	87	85.7	25.1
21	59.48	59.76	60.82	58.68	58.77	60.01	59.59	26	25	25.8	26.5	26.1	25.9	25.9	26.9	23.9	89	92	93	89	90	88	90.2	44.4
22	58.83	58.92	59.88	57.96	58.46	59.53	58.93	24.6	25	27.6	27.5	26.5	26.3	26.2	28.9	23.8	90	91	82	84	85	86	86.3	16
23	58.83	58.76	59.57	57.41	57.78	58.85	58.53	24.5	25.4	28.4	27.4	26.5	25.6	26.3	29	23.9	92	88	85	85	86	88	87.3	27.7
24	57.67	57.43	58.30	56.42	56.97	57.75	57.42	26	25.4	26.3	26.7	26	25.5	26	28.4	24.3	88	93	90	89	92	93	90.8	19.5
25	56.61	57.01	57.86	55.56	56.17	57.03	56.71	25.5	25.6	26.2	26.5	26.4	26	26	28.5	24.5	92	91	93	92	89	92	91.5	26.7
26	55.70	55.88	57.23	55.20	56.27	57.22	56.25	25.8	25.6	27.4	28.3	26.5	25.2	26.5	29.9	24.6	93	94	88	84	92	96	91.2	1
27	56.71	57.32	58.26	56.10	56.52	57.96	57.14	24.6	23.9	28.5	28	27.2	26.9	26.5	29.1	23.6	94	97	85	85	87	88	89.3	------
28	57.02	57.91	58.61	57.01	57.41	58.72	57.78	26.4	26	27	28.3	27.2	26.8	27	30	25.5	91	92	88	86	87	89	88.8	2.3
29	57.66	58.28	58.71	57.59	58.50	59.42	58.36	26.4	26.5	27.5	27.6	27	26.8	27	28.6	26	90	89	91	87	88	89	89	12.2
30	58.53	59.43	60.69	58.93	60.04	60.50	59.69	26	25.4	25.9	25.7	25.6	26.4	25.8	26.7	24.6	89	94	89	89	87	85	88.8	21.1
Mean	58.23	58.63	59.48	57.31	57.92	59.24	58.47	25.7	25.6	27.8	28.1	26.7	26.2	26.7	29.5	24.4	89.2	90	83.8	82.4	85.4	87.6	86.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	577

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	Calm	NW	N	NE	52.9	36.8	123.7	77.2	290.6	10	A.-Cu.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
2	NE	NE	NE	NE	NE	N	62.8	110.5	167.9	215.1	556.3	7	A.-S. N	S.-Cu. NE	6	Ci.	Cu. NE
3	N	NNW	NW	WSW	SW	SSW	309.8	234.4	260.5	217.1	1,021.8	10	Ci.-S.	N. N	10	Ci.-S.	N. WNW
4	S	S	SE	SE	SSE	S	98	108.8	90.6	43.8	341.2	9	Ci.	S.-Cu.SSW	8	Ci.-S. NE	Cu. S
5	S	SSW	NW	NW	N	NE	46.2	63.9	100.8	74.5	285.4	5	A.-Cu. SE	S.	4	Ci.	Cu.
6	NE	NNW	NE	NE	NE	NE	115.4	182.4	160.9	75.1	533.8	10	Ci.	N. NNE	4	A.-Cu. E	Cu. NE
7	NE	NbyE	N	N	NE	NE	56.6	99.3	142.7	84.5	383.1	9	A.-Cu. E	S.-Cu. ENE	9	Ci.	S.-Cu. NE
8	NE	N	NE	N	NNE	N	93.6	117.3	135.8	83.9	430.6	9	Ci.	S.-Cu. NE	9	A.-Cu. E	S.-Cu. NE
9	NNE	N	N	N	NNE	NNE	96.8	104.4	167.2	163.4	531.8	10	--------------	N. NE	8	Ci.	S.-Cu. NE
10	NNE	NNW	NNW	N	NNE	SSE	205.7	211.9	267.2	191.5	876.3	10	Ci.-S.	N. N	10	Ci.-S.	N. NNE
11	SE	SE	SE	SE	S	S	58.7	60	46.2	32.7	197.6	10	Ci.-S.	N. SE	10	A.-Cu.	N. SE
12	S	SSW	S	Calm	N	N	38	30.9	49.9	79.2	198	7	Ci.-Cu. E	Cu.	9	A.-Cu. SSE	S.-Cu. S
13	N	Calm	N	NW	SW	N	51.7	74.2	79.5	73	278.4	6	Ci.	S.-Cu. NE	9	Ci.	S.-Cu. ENE
14	N	NNW	NE	NE	NE	NE	121.8	96.4	135	85	438.2	7	Ci.	S.-Cu. NE	5	Ci. E	Cu. NE
15	NE	NE	NE	NE	NE	NE	52.6	63.1	139.8	105.4	360.9	6	A.-Cu. NE	S.-Cu. NE	8	A.-Cu. ENE	Cu. NE
16	NE	NE	NE	N	NE	Calm	97.6	95.8	170.9	70.4	434.7	6	--------------	S.-Cu. NE	10	--------------	N. NE
17	NE	NE	NE	NE	NE	NE	103.8	172.2	200.1	192.3	668.4	7	Ci.	S.-Cu. NE	6	Ci.	Cu. NE
18	N	NE	NE	NE	NE	NE	145	186.4	213.8	183.7	728.9	6	Ci.	S.-Cu. NE	6	A.-Cu. ENE	Cu. NE
19	NE	NE	NNE	NE	NE	NE	174	210.3	233.7	207.1	825.1	10	Ci.	S.-Cu. NE	8	Ci.	S.-Cu. NE
20	NE	NE	NE	NE	NE	NE	192.8	260.4	260.7	225.6	939.5	9	Ci.	S.-Cu. ENE	9	Ci.	S.-Cu. NE
21	NE	ENE	E	NE	NE	NE	165.2	158.2	159	166.4	648.8	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
22	NE	NE	NE	NE	NE	NE	176.5	199.1	227.4	167.7	770.7	9	Ci.	N. NE	9	A.-Cu.	S.-Cu. NE
23	NE	NE	NE	NE	NE	NE	114.5	132.3	183.2	167.6	597.6	8	Ci.	S.-Cu. NE	9	Ci.	S.-Cu. NE
24	NE	NE	NE	N	NNE	NE	143.7	95.3	95	78.7	412.7	9	A.-Cu.	S.-Cu. NE	10	Ci.	S.-Cu. NE
25	NE	NE	NE	NE	NE	NE	70.5	77.4	79.2	58.1	285.2	10	Ci.	N. NE	8	Ci.	S.-Cu. NE
26	N	Calm	N	N	Calm	NE	38.9	43.2	53.3	21.4	156.8	10	Ci.	N. NNE	9	Ci.-Cu.	S.-Cu. NNE
27	Calm	N	NNW	NNW	N	N	32.8	42.1	94.7	93.1	262.7	9	A.-Cu. NE	S.-Cu. NE	8	Ci.	S.-Cu. NE
28	N	N	N	N	N	N	48.8	64.4	102.4	93.9	309.5	6	Ci.	S.-Cu. NE	9	A.-Cu. NE	S.-Cu. NE
29	N	N	NE	N	NE	NE	80.2	85	131	82.7	378.9	9	Ci.	N. NE	8	A.-Cu. ENE	S.-Cu. NE
30	N	NE	N	NE	NE	N	95.6	174.9	187.5	207.4	665.4	10	--------------	N. NE	10	Ci.	N. NE
Mean	-----	-----	-----	-----	-----	-----	104.7	119.7	148.7	120.6	493.6	8.4	--------------	--------------	8.2	--------------	--------------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	14,808.9	-----	--------------	--------------	-----	--------------	--------------

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, −1.74 mm.]

DECEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.95	60.10	61.16	58.67	59.49	60.74	59.85	25.7	24.8	27	26.5	25.5	25.2	25.8	29.4	24.4	90	93	86	88	93	90	90	27.8
2	59.51	59.90	61.24	59.42	59.87	60.54	60.08	24.6	24.6	24.9	24.4	23.7	25.3	24.6	25.7	23.3	92	92	92	92	94	90	92	32.3
3	59.07	59.35	60.53	59.39	59.41	60.12	59.64	25.1	25.7	25.7	24.1	24.4	24.5	24.9	26.2	23.7	89	85	85	91	89	88	87.8	19.6
4	59.07	58.97	60.61	58.67	59.03	59.70	59.34	25.1	25.2	26.7	27.4	25.5	25.2	25.8	27.8	24	83	83	74	71	80	85	79.3	1.3
5	58.22	58.10	59.33	57	57.72	58.26	58.10	24.7	25.7	26.4	26.5	26	26	25.9	27	24.1	89	81	79	66	74	72	76.8	-----
6	57.08	55.91	56.75	53.63	53.11	51.65	54.69	25.4	26.1	26.5	25.6	24.2	23.6	25.2	26.5	22.4	77	65	66	75	81	85	74.8	355
7	47.43	43.73	38.05	43.13	47.31	50.69	45.06	23.6	24.6	24.2	24.1	25.2	25.2	24.5	26.2	22.8	85	92	86	96	90	90	89.8	213.9
8	50.69	53.08	55.17	53.82	55.04	56.92	54.12	24.9	25.6	28.1	29.2	26.7	26.2	26.8	29.7	23.5	90	91	78	71	82	83	82.5	2
9	55.73	56.67	57.55	56.09	56.94	57.98	56.83	25.1	24.2	29.8	28.9	27.4	25.4	26.8	32	23.6	88	91	76	77	85	93	85	-----
10	57.58	58.09	58.93	57.30	58.23	59.08	58.20	24.6	23.5	27.5	29.5	25.3	24.8	25.9	30.2	23	93	97	84	78	86	89	87.8	10.2
11	57.64	57.27	58.70	56.63	57.03	57.96	57.54	24.2	25	25.5	25.4	25.8	26.2	25.4	26.8	23.7	96	92	89	93	93	93	92.7	8.9
12	56.96	57.27	58.13	55.55	56.73	57.77	57.07	24.6	24	26	29.9	25.4	24.6	25.8	30.5	23.6	98	99	94	71	92	95	91.5	2.3
13	56.62	56.68	58.14	55.36	56.11	57.80	56.78	23.9	23.4	28.5	28	27.2	26	26.2	30.5	23	95	97	75	80	87	92	87.7	-----
14	56.61	57.16	58.31	56.29	57.46	58.20	57.34	25	24	29	27.6	26.9	26.4	26.5	30	23.6	94	97	82	84	86	88	88.5	2.8
15	57.14	58.39	59.44	57.13	57.72	59.25	58.18	25.4	25.9	27.7	26.9	26.6	26.1	26.4	28.4	24.9	95	89	84	85	88	93	89	.3
16	58.27	58.75	60.19	58.61	58.63	59.65	59.02	25.6	25.5	26.7	25.7	26.2	26.4	26	28	25.1	93	93	86	91	86	84	88.8	3.3
17	58.91	59.51	60.49	57.87	58.61	59.66	59.18	26	25.5	27.5	27.4	26.9	26.5	26.6	28.7	25	85	88	81	85	85	88	85.3	11.3
18	58.71	59.57	60.86	59.02	60.01	61.60	59.96	25.6	25.4	27.4	27.3	24.9	24	25.8	27.7	23.3	93	93	89	86	91	91	90.5	45.5
19	61.06	60.70	62.41	60.27	60.70	62.06	61.20	24	24.6	25	24.5	25.1	23.6	24.5	25.4	23	91	87	85	87	83	95	88	42.7
20	61.41	61.56	62.75	60.96	61.46	62.52	61.78	23.9	24	25.1	24.1	24.4	25.3	24.5	26	23.3	93	92	90	91	88	81	89.2	12.5
21	61.24	61.19	63.07	60.51	60.01	61.67	61.28	26	25.1	24.6	25.6	25.8	25.5	25.4	26	23.7	79	87	95	88	86	87	87	16
22	60.48	60.52	61.55	60.15	60.30	61.50	60.75	25.6	24.1	25.3	24.5	25.6	25.5	25.1	26.2	23.9	88	91	91	94	81	82	87.8	16.8
23	60.31	60.62	62.25	60.29	60.84	62.25	61.09	25.1	25.4	25.5	25.7	25	24.8	25.2	26.8	23.8	82	80	86	82	83	85	83	1.3
24	60.80	60.56	61.98	59.86	60.73	61.09	60.84	24.3	25.2	26.4	26.6	25.9	25.3	25.6	26.8	23.5	90	83	78	78	85	90	84	21.6
25	60.15	60.05	61.06	59	60.04	60.63	60.16	24.4	24.5	25.7	26	25.6	25.9	25.4	26.9	23.6	91	92	88	88	87	84	88.3	3.3
26	59.37	59.82	60.91	59.01	59.54	59.84	59.75	25.2	25	25.7	24.4	24.9	25	25	26	23.9	87	88	86	95	92	92	90	31.6
27	58.55	58.63	59.34	56.79	57.54	57.92	58.13	25	25.5	25.7	26.8	26	26	25.8	27	24.4	95	92	94	88	89	91	91.5	9.6
28	57.08	57.25	58.45	56.27	57.21	58.07	57.39	24.5	24.7	27	27.8	26.5	26.2	26.1	28.6	24	96	94	89	85	92	90	91	7.1
29	57.10	57.36	58.29	56.37	57.84	59.37	57.72	25.6	25.5	27.5	27.6	26.8	25.6	26.4	28.6	25	94	95	85	87	87	96	90.7	15.8
30	58.02	58.64	60.17	58.18	59.17	59.89	59.01	25.6	25.6	27.5	27.9	27	26.5	26.7	28.5	25	95	95	86	82	84	88	88.3	-----
31	59.23	59.60	60.35	58.19	59.35	59.60	59.39	25.6	26.1	26.4	27.5	26.4	25.7	26.3	27.5	25.1	94	89	89	84	89	92	89.5	11.4
Mean	58.03	58.23	59.23	57.40	58.17	59.16	58.37	25	25	26.5	26.6	25.8	25.4	25.7	27.8	23.8	90.3	89.8	84.8	84.2	86.7	88.5	87.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	926.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	NE	NE	215.9	197.9	174.9	138.4	727.1	10	-----	N. NE	10	Ci.-S.	S.-Cu. NE
2	NE	ENE	NE	NE	NE	NE	92.3	103.5	114.9	142.7	453.4	10	A.-S.	N. ENE	10	-----	N. NE
3	NE	NE	NE	N	NE	NE	197.5	225.6	161.5	127.7	712.3	10	Ci.-S.	S.-Cu. NE	10	A.-S.	N. NE
4	NE	N	NE	NNE	N	N	217.1	266.9	239.2	163.6	886.8	9	A.-Cu.	N. NE	8	Ci.	S.-Cu. NE
5	NE	NE	NE	NNE	NNE	N	191	244.1	235.5	241.2	911.8	9	Ci.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NNE
6	NNW	Nbyw	Nbyw	NWbyN	NW	NW	272.6	273.4	147	197.5	890.5	10	Ci.-S.	N. NNE	10	Ci.-S.	N. N
7	NW	NW	NNE	SE	E	SE	453.3	456.1	181.1	162.8	1,253.3	10	Ci.-S.	N. N	10	Ci.-S.	N. SE
8	SE	SEbys	SE	sbyE	SE	SE	125	110.2	93.3	46.4	374.9	10	Ci.-S.	N. S	8	A.-Cu. S	S.-Cu. S
9	S	sbyE	SE	S	Calm	S	30	32.4	45.9	28.4	136.7	5	Ci.	Cu.	7	Ci.	Cu. SSE
10	S	S	W	N	N	NW	34.9	47.3	97.9	123.9	304	7	Ci.	S.-Cu. N	10	Ci.-Cu.	S.-Cu. NE
11	N	N	N	N	N	N	126.3	108.6	122.8	44.1	401.8	10	A.-Cu.	N. N	10	Ci.-S.	N. N
12	N	Calm	Calm	WSW	Calm	W	25.4	24.4	37.2	26.3	113.3	7	A.-Cu. E	S.-Cu. N	7	A.-Cu. S	Cu. S
13	W	WSW	wbys	SSE	Calm	SW	35.4	34.4	30.9	26.4	127.1	4	Ci.	Cu.	8	Ci.	S.-Cu. SW
14	Calm	SW	Calm	N	N	N	23.6	34.3	72.2	56.3	186.4	8	A.-S.	S.-Cu.	8	Ci.-S.	N. W
15	Calm	N	N	NNW	NW	N	40.4	67.9	121	67.1	296.4	9	Ci.	S.-Cu. N	9	Ci.	S.-Cu. NNW
16	N	NW	NW	NW	N	N	91.9	109.2	149.5	120.4	471	10	Ci.	S.-Cu. N	9	Ci.-S.	S.-Cu. NW
17	NW	NW	NW	NWbyN	NE	N	84.7	60.1	117.2	127.6	389.6	10	Ci.	S.-Cu. N	9	Ci.-Cu.	S.-Cu. N
18	NE	Nbyw	NE	NNE	NE	N	92.5	96.1	216	275.8	680.4	10	A.-Cu.	S.-Cu. NE	10	A.-Cu.	N. NE
19	NE	NE	NE	NE	NE	NE	262.3	262.7	245.2	215.5	985.7	10	-----	N. NE	10	Ci.	N. NE
20	NE	NE	NE	NNE	NE	N	226.3	206.8	226.4	233.1	892.6	10	-----	N. NE	10	-----	N. NNE
21	N	N	N	N	N	NE	234.7	186.9	188.9	192	802.5	10	A.-Cu.	N. NNE	10	Ci.-Cu.	N. NE
22	N	N	NNE	NE	NE	NE	175.27	169.6	232.8	271.5	849.1	10	A.-S.	N. N	10	-----	N. NNE
23	NE	NE	NE	NE	NE	NE	261.3	254.1	260.1	228.7	1,004.2	8	A.-Cu. SE	S.-Cu. NE	10	A.-Cu.	S.-Cu. NE
24	NE	NE	NE	NE	NE	NE	196.5	222.3	198.8	163.4	781	10	A.-Cu.	S.-Cu. NE	10	Ci.-Cu.	S.-Cu. NE
25	NE	NE	NE	N	N	N	108.4	166.3	207.3	211.6	693.6	10	-----	N. NE	9	A.-Cu.	S.-Cu. NE
26	N	N	N	N	N	N	217.3	220.5	207.4	196.6	841.8	10	-----	N. NE	10	-----	N. NE
27	N	NNW	N	NbyE	N	NE	163.3	180.8	176.7	102.2	623	10	Ci.-Cu.	N. N	9	Ci.-S.	S.-Cu. NE
28	N	Calm	N	NNW	N	N	32.8	69.5	82.3	81.1	265.7	10	Ci.	S.-Cu. NE	7	A.-Cu.	Fr.-Cu. N
29	N	N	N	NNW	NNW	NE	39.7	47.5	94.3	78.3	259.8	7	Ci.	S.-Cu. NE	4	Ci.	Cu.-N.
30	N	NNW	N	N	NE	NE	60.9	98.2	114.3	83.1	356.5	8	A.-Cu. NE	S.-Cu. N	7	Ci.	Cu. NE
31	NE	NE	NE	N	N	NE	72.6	101.4	131.5	130.1	435.6	9	A.-Cu. E	S.-Cu. NE	10	A.-Cu.	S.-Cu. NE
Mean	-----	-----	-----	-----	-----	-----	142	150.9	152.4	138.8	584.1	9	-----	-----	9	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	18,107.9	-----	-----	-----	-----	-----	-----

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5[a] meters; gravity correction not applied, —1.74 mm.]

JANUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.69	61.08	61.72	59.31	60.22	61.03	60.68	22.4	21.8	27	30.7	26.6	21.8	25	30.8	20.9	93	93	70	56	68	93	78.8	------
2	61.25	61.36	61.99	59.36	60.02	60.53	60.75	22.3	21.8	28	31.5	26.5	25.2	25.9	31.8	21.5	94	93	63	54	70	80	75.7	------
3	60.33	60.74	61.79	60.14	61.48	61.94	61.07	23.4	23.8	28	30.3	25.8	24.6	26	30.5	23	90	88	63	57	78	84	76.7	------
4	61.82	61.69	62.29	60.61	61.80	62.17	61.73	24.3	24	28	29	25.6	25.2	26	29.1	23.1	86	85	69	64	79	90	78.8	------
5	62.06	62.11	62.34	60.04	60.72	61.48	61.46	24.8	24	28.2	30	27	25.8	26.6	30.3	23.9	87	91	73	65	77	88	80.2	------
6	60.23	61.52	61.86	59.12	59.94	60.65	60.55	25	24.6	30.2	32.8	28.8	25.4	27.8	33.1	24.4	92	88	66	56	69	88	76.5	------
7	59.73	60.42	61.08	58.17	59.26	60.32	59.83	25	24	29.4	32.9	29.2	26.8	27.9	33.2	23.4	87	91	72	61	74	78	77.2	------
8	60.17	60.25	61.62	59.59	60.62	60.87	60.52	25	24.8	28.9	29	25.9	24.8	26.4	30.5	24.3	83	77	66	64	77	84	75.2	------
9	60.77	60.88	61.79	60.34	60.85	61.84	61.08	24.2	24	26.2	26	25	25	25.1	26.3	23.6	91	91	85	84	83	85	86.5	------
10	61.35	61.54	62.67	60.51	61.52	62.15	61.62	24.8	21.5	29.5	29.6	27.5	24.4	26.2	30.8	21.4	85	95	61	64	73	85	77.2	------
11	61.49	62.24	63.10	60.78	61.18	61.89	61.78	23	23	27.3	30.5	28.5	22.7	25.8	33.1	22.5	92	93	79	68	67	85	80.7	------
12	61.60	61.76	62.74	60.93	61.79	63.11	61.99	23.4	21.5	28.4	28.2	26.8	21.8	25	30.4	21	88	94	65	72	69	84	78.7	------
13	62.28	62.98	63.80	61.99	63.17	63.98	63.03	22.4	21.9	27	27.3	25.8	24.3	24.8	28.2	20.9	93	92	77	72	78	82	82.3	1.5
14	62.78	62.91	63.99	61.94	62.57	63.49	62.95	24.2	24	29.8	29.8	26.2	24.8	26.5	30.3	22.5	82	80	60	60	67	85	72.3	------
15	62.09	63.19	64.56	62.29	62.89	64.29	63.22	24.5	24	27.5	29.8	25.8	24	25.9	30	22.6	79	78	66	60	70	83	72.7	------
16	63.78	64.59	65.13	62.99	64.23	64.89	64.27	22.9	21.8	28	29.8	25.8	24	25.4	30	21	83	89	63	55	70	85	74.2	------
17	63.79	64.87	65.28	62.69	63.64	63.97	64.04	23.2	22.3	27.5	30.2	26	23.3	25.4	30.4	21.6	84	83	66	64	66	80	73.8	------
18	63.71	64.09	64.57	62.44	62.77	63.64	63.54	22.1	20	28.8	30.7	27.3	24.7	25.6	30.9	19.2	92	92	59	55	68	78	74	------
19	62.69	62.89	63.14	60.49	61.41	62.14	62.13	22	21	27.8	32	27.2	22	25.3	32	20.5	91	95	75	51	68	91	78.5	------
20	61.48	61.66	61.53	59.30	59.94	61.44	60.89	21.9	21	28.6	32.9	27.8	24.5?	26.1	33	20.6	90	95	60	50	62	79	72.7	------
21	60.21	61.58	61.87	59.77	60.48	61.99	60.98	22.4	22.2	29.8	31.3	27.7	23.9	26.2	32.7	20.5	88	86	57	58	68	87	74	------
22	60.80	62.17	62.98	60.21	61.14	62.29	61.60	23.7	23.9	29.2	31.6	28.2	25.2	27	32.3	23	85	84	59	56	62	82	71.3	------
23	61.08	61.57	62.69	60.33	60.92	61.83	61.40	24.8	24.2	27.5	29.9	26.8	25.3	26.4	30	23.4	82	85	70	59	68	83	74.5	------
24	60.74	60.82	61.89	59.96	60.97	61.83	61.04	24.3	23.8	28	29.9	25.8	24.4	26	30	23.5	89	85	63	59	78	87	76.8	------
25	61.99	62.19	63.17	60.66	61.07	61.92	61.83	23.2	22.3	28	29.9	25.8	24.5	25.6	30	22	90	96	70	65	78	87	81	------
26	61.32	61.82	62.78	60.42	60.89	61.59	61.47	23.5	23.5	29	30.5	27.5	24.7	26.4	31.6	23.4	90	92	61	56	66	78	73.8	------
27	60.98	61.14	61.97	59.73	60.16	61.70	60.95	24	21.8	28.8	30.8	28.8	23.4	26.3	33	21.3	83	93	63	56	59	88	73.7	------
28	60.48	60.64	62.09	59.33	59.97	60.98	60.58	21.2	22.5	30	33.2	28.4	26.2	26.9	33.8	20.9	96	92	54	51	61	72	71	------
29	60.64	61.17	62.37	60.14	60.77	61.83	61.15	25.2	25	29	31	27	25.3	27.1	31.2	24.3	80	80	64	50	70	80	70.7	------
30	60.84	60.94	62.34	60.90	61.57	62.20	61.46	24	23.7	27.2	27.8	24.4	24.5	25.3	28.6	23.5	88	87	73	67	84	82	80.2	1.3
31	61.74	61.88	62.57	60.41	60.64	62.10	61.56	23.8	22	29.5	30.6	28.7	22.3	26.2	31	20.7	85	93	56	55	59	94	73.7	------
Mean	61.45	61.89	62.70	60.48	61.25	62.13	61.65	23.6	22.9	28.4	30.3	26.9	24.3	26.1	30.9	22.2	87.7	88.9	66.1	60.1	70.5	84.1	76.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	ENE	1	E	1	NE	3	NE	3	NE	1	NE	1	4	Ci.	Cu. E	6	Ci.-S.	Cu. E
2	NE	1	ENE	1	NE	3	NE	3	NE	2	NE	1	4	Ci.	Cu. E	4	Ci.	Cu. E
3	NE	1	NE	3	NE	3	ENE	3	NE	3	NE	3	5	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
4	ENE	3	ENE	3	NE	3	NE	3	NE	3	NE	1	7	Ci.-S.	Cu.-N. E	6	Ci.-S.	Cu. E
5	ENE	3	ENE	3	ENE	2	NE	2	NE	2	NE	1	8	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu. E
6	ENE	2	NE	2	NE	1	NNE	2	NE	1	NE	1	7	Ci.-S. SE	Cu. ENE	8	Ci.-S.	S.-Cu. ENE
7	NE	1	ENE	1	NE	1	SW	2	S	2	NE	1	4	Ci.-S.	Cu. NE	6	Ci.-S.	Cu. NE
8	NE	2	NE	2	N	2	ENE	3	NE	2	ENE	2	9	Ci.-S.	S.-Cu. NE	9	Ci.-S.	Cu.-N. NE
9	ENE	2	NE	3	NE	3	NE	2	ENE	3	ENE	3	10	Ci.-S.	Cu.-N. NE	8	Ci.-S.	Cu.-N. NE
10	NE	1	NE	1	NE	3	ENE	3	NE	1	NE	1	8	------------	Cu.-N. E	9	------------	Cu.-N. E
11	NE	1	NE	1	NE	1	NE	2	ENE	2	NE	1	3	Ci.	Cu.	7	Ci.-S.	Cu. E
12	ENE	1	ENE	1	ENE	1	NE	1	NE	2	NE	1	7	Ci.-S.	S.-Cu. E	8	Ci.-S.	S.-Cu. E
13	NE	1	NE	1	WSW	1	ENE	3	NE	3	NE	2	7	Ci.-S.	Cu. E	9	Ci.-S.	S.-Cu. E
14	NE	1	ENE	2	NE	3	ENE	2	ENE	3	ENE	3	6	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
15	ENE	2	NE	2	NE	3	NE	3	NE	2	NE	1	8	Ci.-S. SE	S.-Cu. E	7	Ci.-S.	Cu. E
16	NE	2	NE	1	NE	3	NE	3	ENE	3	ENE	1	5	Ci.-S.	Cu. NE	7	Ci.-S.	Cu. NE
17	ENE	1	SE	1	NE	3	ENE	3	ENE	1	NE	3	3	Ci.	Cu.	7	Ci.-S.	Cu. NE
18	E	1	E	1	NE	3	NE	3	NE	2	NE	2	3	Ci.	Cu.	7	Ci.-S.	Cu. NE
19	E	1	ENE	1	NE	2	NE	2	NE	1	NE	1	5	Ci.-S.	Cu. NE	6	Ci.-S.	Cu. E
20	SE	1	SE	1	NE	2	NE	3	NE	1	NE	1	3	Ci.	Cu.	7	Ci.-S.	Cu. E
21	NE	1	NE	1	NE	2	ENE	1	NE	1	NE	2	5	Ci.	Cu. SE	7	Ci.-S. N	Cu. SE
22	NE	1	NE	2	NE	3	NE	1	ENE	1	NE	2	8	Ci.-S.	Cu.-N. SE	7	Ci.-S. NNW	Cu. E
23	NE	3	NE	2	ENE	3	ENE	2	ENE	3	ENE	3	8	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu.-N. E
24	NE	3	NE	3	NE	3	ENE	3	NE	3	NE	3	7	Ci.-S.	Cu. SE	9	Ci.-S.	S.-Cu. SE
25	E	1	E	1	NE	3	NE	3	NE	3	NE	3	6	Ci.-S.	Cu. SE	9	Ci.-S.	Cu. SE
26	NE	3	NE	3	NE	3	NE	2	ENE	3	NE	1	8	Ci.-S.	S.-Cu. SE	8	Ci.-S. NNE	S.-Cu. SE
27	NE	2	ENE	1	NNE	1	NE	1	NE	2	NE	1	5	Ci.	Cu. SE	6	Ci.-S.	Cu. SE
28	NE	1	ENE	1	NE	1	NE	3	NE	2	NE	2	4	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. SE
29	NE	1	NE	1	NE	3	ENE	3	NE	1	NE	2	9	Ci.-S.	S.-Cu. SE	6	Ci.-S.	Cu. SE
30	NE	2	NE	2	ENE	1	ENE	2	NE	2	ENE	3	5	Ci.-S.	Cu. SE	9	Ci.-S.	S.-Cu. SE
31	NE	2	ENE	1	E	2	NE	2	ENE	1	E	2	5	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. SE
Mean	-------	1.6	-------	1.6	-------	2.3	-------	2.4	-------	2	-------	1.8	6	------------	------------	7.2	------------	------------

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[a] This is an approximate height of the barometer above sea level.

AMBULONG, TANAUAN.

[φ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

FEBRUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	62.01	62.10	62.67	60.36	60.87	62.89	61.82	22.5	21.5	27.7	31.5	28.8	22	25.7	33.8	20.1	87	93	76	57	53	91	76.2	------
2	60.96	61.16	62.04	59.45	59.53	60.31	60.58	20	20.3	26.8	31	28.3	20.8	24.5	32	19.5	94	90	78	58	58	93	78.5	------
3	60.12	59.86	60.93	58.49	59.42	60.78	59.93	20.8	19.8	28	32.7	28.8	20.8	25.2	33.2	19	93	92	68	51	53	85	73.7	------
4	60.19	60.46	60.77	58.87	59.61	60.93	60.14	19	18.6	29.7	32.2	29.2	21.8	25.1	32.3	17.5	90	84	63	53	60	93	73.8	------
5	61.04	61.61	62.15	59.62	60.21	61.79	61.07	20.2	20.8	28.7	32.2	30	20.9	25.5	32.8	19.5	94	93	59	53	53	92	74	------
6	60.22	61.12	62.19	59.29	59.42	61	60.54	21	20.8	28.8	30.9	29.8	22.1	25.6	34	19.5	93	93	59	57	56	90	74.7	------
7	60.32	60.46	61.30	59.82	60.34	61.44	60.61	20.9	20.5	30.3	29.7	27.5	22.4	25.2	31.6	19.4	92	95	57	60	66	89	76.5	------
8	60.71	60.96	62.27	60.07	60.52	61.64	61.03	21.2	20.9	30	34	27.8	24.3	26.4	34.2	20.8	93	92	60	52	58	82	72.8	------
9	60.99	61.39	62.76	60.08	60.47	61.08	61.13	23.7	22.6	30.5	32.5	28.6	23.8	27	33.2	22.5	90	91	54	52	57	88	72	------
10	60.57	60.65	61.87	58.98	59.29	60.89	60.38	22.8	22.9	30	34	29.2	25	27.3	34.1	21.1	93	92	59	54	63	83	74	------
11	59.14	59.55	60.64	58.50	59.02	60.80	59.61	24.4	23	31	32.9	28.9	26.8	27.8	33.3	22.5	85	91	53	50	65	74	69.7	------
12	59.89	59.80	60.88	58.84	59.12	60.78	59.88	24.8	24.5	29.5	31.9	29.8	26.8	27.9	33.4	24.3	87	87	64	55	60	71	70.7	------
13	60.12	60.22	61.37	59.16	59.37	60.83	60.18	23.2	23	30.6	32.2	28.8	25.6	27.2	33.2	22	90	88	62	53	59	75	71.2	------
14	59.92	60.71	62.27	60.27	61.48	63.02	61.28	23.6	21.6	29.7	33.5	28.2	24.2	26.8	34	20.7	86	86	56	48	60	90	71	------
15	62.05	62.49	63.49	61.05	61.46	62.60	62.19	23.2	22.8	29	31.8	27.7	24.8	26.6	32	22.5	93	84	59	54	64	84	73	------
16	62.14	62.55	63.09	60.79	61.18	62.05	61.97	23	22.3	31	31	27.8	24.8	26.6	31.3	21.9	91	85	55	59	58	75	70.5	------
17	61.56	61.78	63.38	60.15	59.85	61.12	61.31	22.8	21	29.8	32.1	29.5	21.8	26.2	33.2	19.6	83	85	60	54	56	84	70.3	------
18	60.27	61.28	62.65	60.32	60.78	62.44	61.29	22.8	21	28.3	31.8	28.4	20.8	25.5	32.1	18.8	84	91	62	50	55	89	71.8	------
19	62.16	62.39	63.60	60.98	60.79	62.04	61.99	20	19.8	29.2	31	29	23.4	25.4	33.2	18.4	91	83	59	59	68	90	75	------
20	61.13	61.08	62.59	60.19	60.69	62.23	61.32	23	22	27.8	31.3	30.3	24	26.4	32.3	21	91	91	71	58	57	90	76.3	------
21	61.92	61.49	62.94	60.45	60.68	62.14	61.60	23.8	23.5	27.5	31	29.4	24.7	26.6	31.8	23	85	87	68	53	50	78	70.2	------
22	61.32	61.84	62.87	61.10	60.74	62.42	61.72	22.9	22	29.8	32	28.7	25.7	26.8	32.8	21.9	90	96	62	54	61	77	73.3	------
23	61.87	62.02	63.33	60.66	60.68	61.98	61.76	24	22.5	30.3	32	29.2	26.4	27.4	32.2	22.3	86	87	57	52	58	73	68.8	------
24	61.55	61.85	62.86	60.55	60.86	62.38	61.68	24.8	23.4	31.7	33.4	28.9	25.4	27.9	34	21.8	82	85	50	50	58	79	67.3	------
25	61.82	62.07	63.19	60.98	60.74	62.02	61.80	24.5	23.6	27.7	32.4	28.5	25.4	27	32.5	22	84	86	65	56	58	73	70.3	------
26	61.02	61.69	62.57	60.27	60.15	61.81	61.25	22.7	23	30.4	31.9	29.9	22.3	26.7	33.2	21	85	84	60	55	55	88	71.2	------
27	60.99	61.04	62.29	59.67	59.52	61.57	60.85	20.7	21.9	30.4	33.8	30	23.4	26.7	34	20	94	88	56	46	56	86	71	------
28	61.15	61.42	63.17	60.45	60.82	62.04	61.51	23.5	24	29.9	32.8	27.7	24.8	27.1	33	21.9	87	85	53	50	65	77	69.5	------
Mean	60.97	61.25	62.36	59.98	60.27	61.68	61.09	22.5	21.9	29.4	32.1	28.9	23.8	26.4	33	20.9	89	88.7	60.9	53.7	58.6	83.5	72.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	NE	1	ENE	1	WSW	2	E	1	NE	1	4	Ci.	Cu. SE	7	Ci.-S.	Cu. SE
2	E	1	E	1	SW	2	SW	2	E	1	NE	1	3	Ci.	Cu.	6	Ci.-S.	Cu. SE
3	E	1	E	1	SW	1	SW	3	E	2	NE	1	2	Ci.	Cu.	6	Ci.-S.	Cu. SE
4	E	1	ENE	1	NE	1	SW	2	S	2	NE	1	2	Ci.	Cu.	4	Ci.	Cu. SE
5	E	1	E	1	E	2	NE	3	ENE	1	E	1	2	Ci.	Cu.	5	Ci.	Cu. SE
6	E	1	SE	1	NNE	1	NE	2	E	1	NE	1	3	Ci.	Cu.	6	Ci.-S.	Cu. SE
7	E	1	E	1	E	2	SW	2	E	2	NE	1	6	Ci.-S.	Cu. SE	9	Ci.-S.	Cu.-N. SE
8	E	1	E	1	ENE	2	ESE	1	E	1	NE	3	5	Ci.	Cu. SE	6	Ci.-S.	Cu. SE
9	NE	1	ENE	1	SSE	3	ESE	3	ENE	2	E	1	7	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. SE
10	NE	1	Calm	----	E	3	NE	3	ENE	2	NE	1	5	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. SE
11	NE	1	ENE	2	ESE	2	ENE	2	NE	2	NE	3	7	Ci.-S.	Cu. SE	6	Ci.-S.	Cu. SE
12	ENE	3	NE	1	NE	2	NE	3	NE	2	NE	1	8	Ci.-S.	Cu.-N. SE	8	Ci.-S.	Cu. SE
13	E	1	E	2	NE	3	NE	3	ENE	2	NE	3	5	Ci.	Cu. SE	6	Ci.-S.	Cu. SE
14	NNE	1	E	1	E	3	E	4	ENE	3	NE	3	5	Ci.	Cu. SE	6	Ci.-S.	Cu. SE
15	NE	3	NE	3	E	3	NE	3	NE	3	NE	3	5	Ci.	Cu.	6	Ci.-S.	Cu. SE
16	NE	1	ENE	2	NE	3	NE	3	NE	2	NE	3	4	Ci.-S.	Cu. SE	5	Ci.-S.	Cu. SE
17	ENE	2	E	1	NE	2	NE	2	ENE	2	NE	2	3	Ci.	Cu.	6	Ci.-S.	Cu. SE
18	NE	1	ENE	1	NNE	1	ENE	3	E	2	NE	1	6	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
19	ENE	1	ENE	1	NE	1	SW	2	SW	3	E	1	3	Ci.	Cu.	6	Ci.	Cu. E
20	E	1	E	1	NE	1	S	2	ENE	2	NE	1	3	Ci.	Cu.	8	Ci.-S.	Cu. E
21	NE	1	E	1	NE	2	ENE	2	ENE	3	NE	2	9	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu. E
22	NE	1	NE	1	ESE	1	NE	3	ENE	2	NE	1	6	Ci.-S.	Cu. E	9	Ci.-S.	Cu.-N. E
23	NE	1	Calm	----	SW	2	NE	3	NE	2	NE	1	9	Ci.-S. SE	S.-Cu. E	8	Ci.-S.	Cu.-N. E
24	ENE	1	ENE	2	E	2	NE	3	E	3	NE	1	5	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
25	NE	1	NE	1	ENE	3	NE	3	ENE	2	NE	2	5	Ci.	Cu.	9	Ci.-S.	S.-Cu. E
26	ENE	1	E	1	NNE	1	NE	2	ENE	2	NE	1	3	Ci.	Cu.	8	Ci.-S.	Cu. E
27	ENE	1	ESE	1	NE	3	ENE	2	ENE	1	ENE	1	7	Ci.-S.	S.-Cu. E	5	Ci.-S.	Cu. E
28	ENE	1	ENE	1	ENE	2	ENE	3	ENE	3	NE	1	5	Ci.-S.	S.-Cu. E	6	Ci.-S.	Cu. E
Mean	------	1.2	------	1.1	------	2	------	2.5	------	2	------	1.5	4.9	------------	------------	6.7	------------	------------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

MARCH, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.77	62.76	63.54	61.52	61.10	62.49	62.36	23.2	22.2	24	26.6	24.6	22.9	23.9	27.7	21.9	90	94	85	81	83	92	87.5	2.8
2	62.31	62.43	63.75	60.94	61.04	62.92	62.23	22.7	22	28.3	31.3	28.3	25.2	26.3	32.1	21.5	92	95	68	58	62	82	76.2	------
3	61.65	62.18	63.47	61.12	61.05	62.78	62.04	24.5	23.2	31.2	31.7	29.8	25	27.6	33.8	22.5	87	90	52	56	56	83	70.7	------
4	62.65	62.57	64.28	61.47	61.90	63.38	62.71	24.2	23	30.4	34.5	30.2	24.2	27.8	35	22.5	85	87	63	49	54	85	70.5	------
5	62.70	62.92	63.61	61.35	61.50	62.54	62.44	24.2	23.5	29.9	33.8	28.7	25.3	27.6	34.1	22	86	91	57	47	53	74	68	------
6	62	62.20	62.72	60.12	60.57	62.82	61.74	24.5	24.2	31	32.2	28.8	24.5	27.5	32.9	23	87	95	58	48	59	79	71	------
7	61.44	61.40	62.43	60.80	60.71	62.31	61.52	22.3	21.4	30	32.8	30.6	24.2	26.9	35.4	20.4	88	93	60	51	50	90	72	------
8	62.25	62.07	63.14	61.37	61.87	64.16	62.48	22.3	24	31.3	34.6	29.3	26.7	28	34.9	22	88	86	54	47	59	74	68	------
9	62.82	62.93	63.47	61.05	61.77	63.24	62.55	25.5	25	30	33.3	28.4	25.3	27.9	34	24.6	81	83	59	48	61	80	68.7	------
10	62.84	63.04	63.72	60.90	61.27	63.44	62.54	24.3	24	32.8	35	30.9	23.2	28.4	36.6	22.4	86	88	51	47	54	90	69.3	------
11	62.18	62.58	63.19	60.42	60.21	61.48	61.68	22.8	23	31.1	33.5	29	25.4	27.5	34.3	22	89	91	55	51	58	76	70	------
12	60.32	60.73	61.69	59.16	59.25	60.77	60.32	23.7	22.2	28.7	33.5	31	23.6	27.1	35.1	22	85	89	66	53	59	86	73	------
13	60.11	60.94	62.09	59.71	59.63	61.37	60.64	22	21.7	30.2	32.8	30.6	23	26.7	34.3	21	95	92	62	53	62	91	75.8	------
14	60.89	61.60	62.62	60.27	60.90	62.86	61.52	21.8	21.6	30	34.8	30.2	27.8	27.7	35.8	21	88	87	65	50	64	71	70.8	------
15	62.61	62.94	63.54	61.94	62.02	63.24	62.72	24	23.8	26.5	29.9	26	25	25.9	30	23.5	86	85	86	65	78	78	79.7	------
16	61.84	61.94	62.64	60.94	61.02	61.97	61.72	24.4	24.8	29.2	29.6	27.2	25.1	26.7	30.5	24	85	85	70	69	75	83	77.8	------
17	61.17	61.83	62.85	59.90	59.97	61.77	61.25	24.8	23.1	32	33.2	29.2	26.5	28.1	33.4	23	85	90	57	54	70	79	72.5	------
18	61.14	61.64	63.63	61.79	62.70	63.14	62.34	24.3	24.1	26.9	29	25.5	25	25.8	29.2	23.9	85	84	77	71	83	83	80.5	------
19	62.31	62.79	63.70	61.63	61.81	63.68	62.65	23.8	23	30	32.6	28.3	25	27.1	32.7	22.8	85	91	64	57	74	83	75.7	------
20	62.33	62.79	63.63	61.10	61.19	62.55	62.26	24.7	24.7	31.9	30	25.7	24.4	26.9	32.4	24	85	84	55	65	78	88	75.8	------
21	60.98	61.22	61.87	59.21	60.64	61.49	60.90	24	23.2	31.3	31.6	26.6	24.5	26.9	33	23	86	90	58	57	80	87	76.3	------
22	60.16	60.31	61.89	59.07	59.98	61.38	60.46	23.3	22.6	26.8	32	29.8	24.8	26.6	33.5	22.4	90	95	86	55	54	85	77.5	------
23	60.75	60.97	62.39	59.56	60.35	62.89	61.15	24.9	23.2	32.7	34	29	25.3	28.2	35.2	23	83	95	51	56	59	81	70.8	------
24	62.54	62.69	63.13	59.17?	60.84	62.14	61.75	24.6	24	31.9	34.5	31.4	24.9	28.6	35.3	23	85	88	55	49	57	84	69.7	------
25	61.53	61.79	62.14	59.05	59.22	60.57	60.72	23	22.8	30.9	34.6	30.5	27.4	28.2	35.2	22	91	89	65	54	56	67	70.3	------
26	60.09	60.50	62.30	59.36	60.16	61.47	60.65	25	23.7	25.3	32.5	29	26.7	27	32.6	23.3	83	85	86	52	64	76	74.3	1.3
27	60.93	61.34	62.22	60.24	60.79	62.29	61.30	25	24	27.4	27.5	25.2	24.4	25.6	28	23.6	83	88	78	76	82	88	82.5	1.3
28	61.22	61.39	62.72	59.85	60.29	61.84	61.22	23	22.8	28.8	30.8	28.5	25.5	26.6	31	22.5	95	93	69	57	60	78	75.3	------
29	61.60	61.49	62.49	59.99	60.83	62.37	61.46	24.5	24.3	30.6	34.5	29.5	25	28.1	35.6	24	86	85	62	54	68	76	71.8	------
30	61.42	61.32	62.33	60.07	60.60	61.87	61.27	25	24.8	31	32.2	28.8	25.4	27.9	32.4	24.2	85	85	59	55	65	85	72.3	------
31	60.65	60.24	61.67	59.02	59.40	61.18	60.36	24.6	24	32.8	34.5	30.5	25.3	28.6	34.8	24	88	91	54	46	61	91	71.8	------
Mean	61.62	61.86	62.87	60.39	60.79	62.34	61.64	23.9	23.4	29.8	32.4	28.7	25	27.2	33.3	22.7	86.9	89.2	64.1	55.8	64.5	82.1	73.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	2	NE	1	SW	2	ENE	1	ENE	1	NE	2	10	Ci.-S.	N. E	10	Ci.-S.	N. E
2	NE	1	NE	1	NE	1	NE	3	ENE	3	NE	2	8	Ci.-S.	S.-Cu. E	9	Ci.-S.	S.-Cu. E
3	NE	1	NE	2	ESE	1	ENE	1	ENE	2	NE	2	7	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu. E
4	ENE	2	ENE	1	NE	2	ENE	2	ENE	1	E	1	7	Ci.-S. ENE	S.-Cu. E	6	Ci.-S.	Cu.-N. SE
5	ENE	1	ENE	1	E	2	NE	3	ENE	3	NE	1	6	Ci.-S.	Cu. SE	5	Ci.-S.	Cu. SE
6	ENE	1	E	1	NE	2	ENE	3	NE	3	NE	1	5	Ci.-S.	Cu. SE	8	Ci.-S.	Cu. SE
7	NE	1	ENE	1	ESE	1	NE	1	ESE	1	ENE	1	4	Ci.	Cu. SE	6	Ci.-S.	Cu. SE
8	ENE	1	NE	2	NE	3	NE	3	ENE	3	ENE	3	4	Ci.	Cu.	5	Ci.-S.	Cu. SE
9	ENE	3	E	2	NE	3	NE	4	ENE	3	NE	3	8	Ci.-S.	Cu.-N. SE	6	Ci.-S.	Cu. SE
10	NE	1	ENE	1	NE	2	NE	2	ENE	3	NE	1	9	Ci.-S.	S.-Cu. SE	7	Ci.-S.	Cu. SE
11	NE	1	ENE	2	NE	3	NE	3	NE	3	ENE	1	6	Ci.-S.	Cu. SE	6	Ci.-S.	Cu. SE
12	NE	2	NE	1	NE	1	NE	1	NE	2	NE	3	7	Ci.-S.	Cu. SE	5	Ci.-S.	Cu. SE
13	ENE	2	ENE	2	NE	3	ENE	2	ENE	2	ENE	2	3	Ci.	Cu.	7	Ci.-S. E	Cu. S
14	ENE	1	NE	2	NE	1	SE	1	ENE	2	NE	1	4	Ci.	Cu.	5	Ci.-S.	Cu. S
15	NE	1	ENE	2	ENE	2	NE	2	NE	2	ENE	2	4	Ci.	Cu. S	9	Ci.-S.	Cu.-N. S
16	NE	2	NE	2	NE	3	ENE	3	ENE	3	E	3	8	Ci.-S.	Cu.-N. S	9	Ci.-S.	S.-Cu. S
17	NE	2	NE	2	NE	2	ENE	3	NE	1	NE	2	4	Ci.-S.	Cu. S	5	Ci.-S.	Cu. S
18	ENE	2	NE	1	NE	2	ENE	2	NE	1	NE	1	4	Ci.	Cu. SE	8	Ci.-S.	Cu.-N. SE
19	NE	2	NE	1	NE	3	NE	2	NE	1	NE	2	5	Ci.	Cu. SE	6	Ci.-S.	Cu.-N. SE
20	NE	1	NE	2	NE	1	ENE	2	ENE	2	ENE	2	4	Ci.-S.	Cu. SE	6	Ci.-S.	Cu. SE
21	NE	2	NE	1	SW	2	NNW	2	NE	1	NE	1	5	Ci.-S.	Cu. SE	9	Ci.-S.	Cu.-N. SE
22	NE	1	NE	1	SSE	1	NE	1	NE	3	NE	1	7	Ci.-S.	Cu. S	5	Ci.-S.	Cu. S
23	NE	1	ENE	1	ESE	2	NE	3	ENE	3	NE	1	8	Ci.-S. E	Cu. S	6	Ci.	Cu. S
24	NE	2	NE	1	NE	1	NE	2	NE	1	NE	1	8	Ci.-S.	Cu. S	6	Ci.-S.	Cu. S
25	NE	1	ENE	1	S	1	E	1	E	2	NE	1	5	Ci.-S.	Cu. S	8	Ci.-S.	Cu. S
26	ENE	2	E	1	NE	3	ENE	3	NE	3	NE	3	9	Ci.-S.	Cu.-N. S	6	Ci.-S.	Cu. SE
27	ENE	2	ENE	2	NE	2	ENE	3	NE	2	NE	3	9	Ci.-S.	Cu. S	10	Ci.-S.	Cu.-N. S
28	NE	3	NNE	3	NE	3	ENE	3	NE	3	NE	3	9	Ci.-S. ENE	Cu.-N. S	10	Ci.-S.	Cu.-N. S
29	NE	1	ENE	1	NE	2	NE	2	NE	3	NE	1	5	Ci.-S.	Cu. SE	6	Ci.-S.	Cu. SE
30	ENE	2	NE	1	E	3	NE	1	ENE	3	NE	3	6	Ci.-S.	Cu. SE	8	Ci.-S.	Cu.-N. SE
31	NE	1	NE	2	NE	1	NE	1	E	1	NE	1	6	Ci.	Cu.	7	Ci.-S.	Cu. SE
Mean	-------	1.5	-------	1.5	-------	2	-------	2.1	-------	2.2	-------	1.8	6.3	------------	------------	7	------------	------------

AMBULONG, TANAUAN.

[φ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

APRIL, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.06	60.07	60.40	57.70	58.01	59.85	59.35	25.2	25	30.5	34.5	30.7	26.7	28.8	35	24.9	90	92	66	57	61	79	74.2	------
2	59.39	59.72	60.78	57.78	58.02	59.86	59.26	23.4	23.2	30.7	34.3	30.8	25.8	28	35	23	90	90	69	55	67	85	76	------
3	59.57	59.75	60.82	58.75	58.76	60.24	59.65	24	23	31	35.6	31.5	25.7	28.5	36	23	87	91	68	48	63	80	72.8	------
4	59.57	60.47	61.15	58.39	59.12	61.50	60.03	24	22.3	30.5	34.9	31.6	25.5	28.1	36.3	22	85	97	63	52	62	86	74.1	------
5	60.98	61.03	61.82	58.75	59.45	61.71	60.62	23	21.8	31	35.5	31	27	28.2	35.7	21.5	91	93	67	54	59	72	72.7	------
6	60.87	61.60	62.26	59.15	59.65	61.43	60.83	23.2	22	33.3	35?	31	25.2	28.3	36.5	21.9	90	91	54	47?	53	82	69.5	------
7	60.99	61.50	61.94	59.87	60.45	62.33	61.18	21.9	21.3	29.9	35.5	30.6	27	27.7	36.5	21	88	88	63	52	68	77	72.7	------
8	60.84	60.99	62.16	59.45	59.72	61.80	60.83	25.4	25.2	32.7	34.7	29.4	26.4	29	35.3	25	81	82	51	53	56	81	67.3	------
9	60.94	61.13	62.57	59.97	60.19	61.68	61.08	25	24.9	30.7	34.7	29.5	26.3	28.5	34.9	24.8	85	84	61	56	55	74	69.2	------
10	61.17	61.52	61.73	58.99	59.87	61.53	60.80	25.2	23.5	34	34	29.8	27	28.9	34.8	23.4	79	87	50	52	60	77	67.5	------
11	60.24	60.35	60.50	58.10	59.15	61.52	59.98	25	24	33.8	37.5	30.8	25.9	29.5	37.9	23.7	83	85	46	41	60	78	65.5	------
12	60.29	60.44	61.30	58.75	59.32	61.21	60.22	24.9	23.5	31	34	29.5	26.8	28.3	34.9	23.4	84	92	56	51	63	74	70	------
13	61.14	61.12	61.95	59.46	60.57	61.83	61.01	25.8	25.2	32.3	33.8	29.6	26.8	28.9	34.9	25	79	85	56	51	61	71	67.2	------
14	61.03	60.94	62.02	59.14	59.35	61.32	60.63	26.6	23	33.9	34.9	29.6	26	29	37	23	71	83	48	47	55	79	63.8	------
15	59.89	60.07	60.82	58.19	58.15	60.13	59.54	25.2	24.5	33	34.2	30.7	24.6	28.7	35.5	23.6	80	86	50	50	60	82	68	------
16	59.48	59.59	60.23	57.71	57.61	59.77	59.06	22.8	23.4	30.5	34.8	29.5	24.4	27.6	36	22	93	93	66	47	61	90	75	------
17	59.25	58.25	58.89	56.48	56.26	58.97	58.02	23	22	33	34.7	31.8	27.5?	28.7	35.2	21.8	91	93	50	48	50	72?	67.3	------
18	58.10	58.19	59.37	57.44	57.68	59.32	58.35	23.2	22	32.6	26.8	27.8	25	26.2	34.3	21.9	90	91	57	78	76	88	80	34.3
19	59.29	59.45	60.05	58.05	58.74	60.47	59.34	24.8	24.7	31	32.8	29.9	26.6	28.3	33.3	24	90	91	63	51	63	79	72.8	------
20	59.99	60.27	60.76	58.82	59.86	60.87	60.10	25.5	25.2	30.7	33	28	25.8	28	33.9	25	86	86	65	55	74	78	74	------
21	60.17	60.43	60.57	58.54	58.87	60.59	59.86	24.9	24	31.2	33.6	28.8	25.9	28.1	33.9	24	89	95	52	53	65	80	72.3	------
22	60.35	60.47	61.67	58.83	59.65	60.42?	60.23	24.8	23.7	25.6	32.2	28.2	25.8	26.7	32.3	23.6	85	94	87	53	69	82	78.3	4.8
23	60.58	60.95	62.08	60.46	60.72	62.47	61.21	24.2	25	30.9	32	28	25.2	27.6	32.3	24.1	90	92	60	58	74	82	76	------
24	61.64	61.70	62.65	60.52	60.33	61.64	61.41	24.2	24.8	31.7	29.9	27.6	25	27.2	32.2	23	90	87	62	65	73	88	77.5	------
25	61.34	61.74	62.27	59.65	59.92	61.24	61.03	24.2	24.9	30	32.8	27.5	25.2	27.4	33	22.9	90	86	65	56	81	85	77.2	------
26	60.53	60.72	61.10	58.64	59.02	60.09	60.02	24.3	25.8	31.5	33.8	28	26	28.2	34	23.8	89	85	60	51	76	79	73.3	------
27	59.57	59.70	60.47	58.42	58.69	60.22	59.51	25	23.8	30.5	33.7	28.9	26	28	34.3	23.5	85	89	62	52	71	84	73.8	------
28	59.64	59.92	60.25	58.69	58.75	60.23	59.58	24.4	24.8	33.4	34.6	30	26.2	28.9	34.8	23.9	88	87	53	52	65	82	71.2	------
29	60.13	59.92	60.06	57.65	57.81	59.91	59.25	24.8	24.6	33.8	35.3	30.6	27.3	29.4	36	22.3	87	87	57	50	62	75	69.7	------
30	59.74	59.31	59.87	57.94	57.86	60.14	59.14	25.6	26.6	32.8	35.6	30.4	24.8	29.3	36.3	23.2	87	86	56	49	63	85	71	------
Mean	60.23	60.38	61.08	58.68	59.05	60.81	60.04	24.4	23.9	31.6	34	29.7	26	28.3	34.9	23.3	86.4	88.9	59.4	52.8	64.2	80.2	72	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	39.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	Calm	----	WSW	2	SW	2	NE	1	NE	1	9	Ci.-S.	S.-Cu. E	5	Ci.-S.	Cu. E
2	NE	1	ENE	1	NE	1	SSE	2	SSW	3	NE	1	5	Ci.-S.	Cu. E	5	Ci.	Cu. E
3	ENE	2	ENE	1	WSW	2	WSW	1	SW	2	NE	1	6	Ci.-S.	Cu. SE	5	Ci.-S.	Cu. SE
4	NE	1	Calm	----	SW	2	SW	2	S	2	ENE	1	5	Ci.-S.	Cu. SE	5	Ci.-S.	Cu. SE
5	NE	1	ENE	2	SW	2	SW	2	E	2	SW	1	5	Ci.	Cu. SE	6	Ci.-S.	Cu. SE
6	NE	1	NE	1	SW	1	E	1	SE	2	ENE	1	7	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. SE
7	E	1	E	1	WSW	2	SSW	3	S	3	E	1	4	Ci.	Cu.	8	Ci.-S.	Cu. SE
8	NE	1	E	2	E	3	ENE	3	E	3	NE	3	4	Ci.	Cu.	6	Ci.-S.	Cu. E
9	NE	3	NE	3	NE	2	ENE	4	ENE	3	NE	3	7	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
10	ENE	1	E	1	NE	2	NE	3	ENE	3	NE	1	6	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
11	ENE	2	ENE	1	ESE	3	ESE	3	NE	3	NE	3	3	Ci.	Cu.	4	Ci.	Cu. E
12	NE	3	ENE	1	ENE	1	NE	4	E	3	NE	1	4	Ci.	Cu.	6	Ci.-S.	Cu. E
13	NE	3	NE	2	NE	3	NE	4	ENE	3	NE	3	5	Ci.	Cu. E	8	Ci.-S.	S.-Cu. E
14	NE	3	NE	1	NE	3	NE	4	NE	3	NE	3	7	Ci.-S.	Cu. E	5	Ci.-S.	Cu. E
15	NE	3	ENE	3	NNE	3	ENE	3	NE	3	NE	1	8	Ci.-S.	S.-Cu. E	9	Ci.-S.	Cu.-N. E
16	ENE	1	ENE	1	SW	1	NE	2	NE	2	NE	1	5	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
17	E	1	E	1	NE	1	NE	2	E	1	NE	1	6	Ci.	Cu. E	6	Ci.-S.	Cu. E
18	E	1	E	1	NE	1	NE	1	NE	1	NE	1	5	Ci.-S.	Cu. E	10	Ci.-S.	N. E
19	NE	2	ENE	2	NE	2	NE	3	E	2	NE	2	8	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
20	NE	3	NE	3	E	2	NE	3	NE	3	NE	3	7	Ci.-S.	Cu. E	7	Ci.-S.	Cu.-N. E
21	E	1	E	2	NE	3	NE	4	E	3	NE	3	7	Ci.-S.	Cu. E	6	Ci.-S.	Cu. E
22	NE	1	NE	2	NE	3	NE	1	NE	1	NE	1	9	Ci.-S.	N. E	7	Ci.-S.	Cu. E
23	E	2	E	1	NE	2	NE	2	ENE	2	NE	2	5	Ci.-S.	Cu. E	8	Ci.-S.	Cu. E
24	ENE	2	E	1	ENE	2	NE	2	NE	2	ENE	2	7	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N. E
25	NE	1	NE	1	NE	1	WSW	2	NE	1	NE	2	5	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
26	NE	1	NE	1	SW	1	SW	2	NE	2	NE	1	7	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
27	NE	1	ENE	1	NE	1	SW	2	NE	1	ENE	1	5	Ci.-S.	Cu. E	5	Ci.-S.	Cu. E
28	NE	1	NE	1	SW	1	SW	2	NE	2	NE	1	7	Ci.-S. NE	Cu. E	4	Ci.-S.	Cu. E
29	NE	1	E	1	SW	1	SW	2	SW	1	ENE	1	4	Ci.	Cu. E	5	Ci.	Cu. E
30	ENE	2	ENE	1	SW	2	SW	2	SW	2	NE	1	6	Ci.-S.	Cu. E	7	Ci.-S.	Cu.-N. E
Mean	------	1.6	------	1.3	------	1.9	------	2.4	------	2.2	------	1.6	5.9	------------	------------	6.5	------------	------------

AMBULONG, TANAUAN.

[φ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

MAY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.42	59.39	59.72	57.78	57.89	59.62	58.97	22.4	24.8	32.2	35.8	29.9	26.7	28.6	38	21.8	88	85	65	48	65	85	72.7	------
2	59.29	59.26	59.40	57.45	57.12	59.12	58.61	24	26.5	35	32.6	30.4	26.2	29.1	36.2	22.9	91	82	52	57	63	82	71.2	------
3	58.84	58.60	59.28	57.65	57.94	59.49	58.63	24.7	27.5	32.3	34.9	25.8	23.9	28.2	36.2	23.7	86	79	59	49	85	84	73.7	------
4	58.74	58.28	58.44	56.63	56.52	58.23	57.81	23.7	23	31	35.6	30.4	28	28.6	36	22.7	92	91	65	49	63	74	72.3	------
5	57.05	57.94	58.68	57.84	57.79	59.12	58.07	25.3	26	32.9	28.5	29.6	26.4	28.1	36	23.9	89	87	61	67	67	82	75.5	49.1
6	58.06	58.44	59.02	57.65	58.25	59.64	58.51	25.8	26.4	33.6	34	28.2	26.4	29.1	34.2	24.8	85	87	58	56	76	81	73.8	------
7	57.44	57.58	57.87	55.91	56.58	58.22	57.27	24.9	24.2	33	30.5	29.2	26.8	28.1	33.4	23.9	84	90	57	65	70	80	74.3	------
8	57.35	57.71	58.38	56.65	56.73	57.97	57.46	25.5	24.2	30.9	32.5	27.5	25.9	27.8	33.2	24	86	90	54	58	66	77	71.8	------
9	57.19	57.58	58.32	56.16	56.97	58.09	57.38	25.2	24.8	32.6	31.6	28	26.5	28.1	33.2	24.7	82	90	55	56	77	80	73.3	------
10	57.47	57.64	57.77	55.23	55.84	57.92	56.98	24.3	24	31.7	35.5	31.6	25	28.7	36	23.9	89	91	65	49	66	87	74.5	------
11	57.29	57.63	58.29	55.79	56.30	58.29	57.26	24.2	24	32.5	35	31.5	29	29.4	36	23.5	91	91	63	52	69	71	72.8	------
12	57.87	57.95	58.30	55.43	56.14	58.77	57.41	25.8	25.5	34.4	36.5	33	30	30.9	37.8	24.4	90	92	54	45	57	71	68.2	------
13	58.27	58.34	58.08	56	55.81	58.26	57.46	26.8	25.5	33.2	34.8	32	30	30.4	35.3	25	83	88	60	52	61	71	69.2	------
14	57.61	57.88	58.27	56.05	56.72	58.54	57.51	26.3	25.8	33	35	31	29.3	30.1	36.2	25.4	85	85	61	52	65	76	70.7	------
15	57.53	58.03	58.17	56.24	57.19	58.27	57.57	27.8	26.8	32.7	33.4	29.8	26.8	29.6	34.7	25.5	79	85	62	60	72	86	74	------
16	57.64	57.55	57.73	55.66	56.91	58.44	57.32	25	26	32.9	33.8	26.4	25.8	28.3	35.2	24?	88	85	61	60	81	90	77.5	2.3
17	58.07	57.79	58.04	55.99	57.39	58.58	57.64	25.2	25.3	32	34	30.8	28	29.2	35.8	24.9	92	89	66	56	67	77	74.5	------
18	57.62	58.99	59.26	58.12	58.97	60.34	58.88	27	25.8	31	30	25.8	25.2	27.5	35	25	84	90	75	71	85	90	82.5	6.1
19	59.08	59.06	59.60	57.72	58.28	59.44	58.86	25	25.2	32.2	30.8	30.6	27.8	28.6	35	24.9	92	95	65	67	64	82	77.5	------
20	57.65	58.44	58.49	57.97	57.63	57.95	58.02	26.2	26	33.8	28	26.8	25.6	27.7	35.7	24.7	90	92	57	81	86	90	82.7	1.3
21	57.36	57.35	57.63	55.10	56.83	57.83	57.02	24.2	24.8	32	33.7	28.7	26.8	28.4	35.7	24	95	93	60	54	80	89	78.5	------
22	57.29	56.80	57.07	55.53	56.97	58.52	57.03	25.7	26.4	33	35.7	31	29	30.1	35.9	25.3	86	93	61	49	68	78	72.5	------
23	57.62	57.94	58.09	56.51	57.26	58.63	57.68	27.2	27.3	30.3	33	28.9	27.8	29.1	34	26.2	83	82	67	61	78	79	75	------
24	57.86	57.83	58.19	57.04	57.52	58.95	57.90	25.3	25.4	31.6	31.8	29.5	27.5	28.5	34	24.8	84	85	61	61	75	84	75	1
25	58.44	58.61	58.81	57.32	58.44	60.09	58.62	26	25.9	33.7	34.6	29	26.8	29.3	35.4	24.5	92	93	62	49	71	83	75	27.2
26	59.22	59.17	59.21	57.25	57.76	59.93	58.76	25.5	24.9	31	35.6	29	26.9	28.8	35.9	23.8	89	92	65	49	71	80	74.3	11.4
27	58.64	58.38	58.78	56.90	57.75	59.32	58.30	25.8	25.2	31.9	35	31.8	29.8	29.9	35.1	24	92	95	67	52	61	67	72.3	------
28	58.86	58.96	59.27	57.41	57.99	59.32	58.64	26.8	25.2	32	35.8	30	26.8	29.4	36	25	86	92	60	48	65	78	71.5	------
29	58.86	58.96	58.77	56.89	57.60	58.62	58.28	25.3	24.8	32.3	32.8	28.2	27	28.4	34	24	91	93	59	58	76	81	76.3	------
30	58.15	58.11	57.83	55.47	55.57	57.09	57.04	25.5	25.4	31.7	34	31.5	26.5	29.1	34.3	24	95	95	68	56	63	80	76.2	------
31	57.19	57.11	56.97	54.89	54.88	56.61	56.28	25	25.7	34.7	35.6	32.6	27.7	30.2	35.8	23.6	92	89	53	49	57	75	69.2	------
Mean	58.03	58.17	58.44	56.59	57.15	58.68	57.84	25.4	25.4	32.5	33.6	29.6	27.2	28.9	35.3	24.3	88.1	89.2	61.2	56	70	80.3	74.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	98.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	ENE	1	SW	1	SW	1	SW	1	ENE	1	6	Ci.-S.	Cu. SE	5	Ci.-S.	Cu. SE
2	ENE	1	ENE	1	SW	1	SW	2	ENE	1	ENE	1	6	Ci.-S.	Cu. SE	9	Ci.-S.	Cu.-N. SE
3	NE	1	NE	1	SW	1	SW	2	ENE	2	ENE	2	6	Ci.-S.	Cu. SE	5	Ci.-S.	Cu. SE
4	ENE	2	ENE	2	E	1	SW	1	SW	1	NE	1	4	Ci.	Cu. SE	7	Ci.-S.	Cu. SE
5	NE	1	NE	1	SW	2	SE	1	ENE	1	ENE	1	8	Ci.-S.	Cu.-N. S	10	Ci.-S.	N. SW
6	E	1	E	1	SW	2	SW	2	ENE	1	ENE	1	6	Ci.-S.	Cu. SW	7	Ci.-S.	Cu.-N. sw
7	ENE	1	ENE	2	E	2	E	3	E	3	NE	3	5	Ci.	Cu. SW	6	Ci.-S.	Cu. SW
8	ENE	1	ENE	1	ENE	3	NE	2	NE	2	NE	2	7	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
9	ENE	3	NE	3	E	3	ENE	3	NE	3	NE	3	8	Ci.-S. NW	S.-Cu. E	9	Ci.-S.	Cu.-N. E
10	ENE	2	NE	1	W	1	SSW	2	E	1	NE	1	5	Ci.	Cu. E	7	Ci.-S.	Cu. E
11	NE	2	ENE	2	SW	1	SW	2	SW	3	NE	1	4	Ci.	Cu. E	9	Ci.-S. WNW	Cu.-N. E
12	NE	1	ENE	1	SW	2	SW	3	SW	2	SW	1	4	Ci.	Cu.	3	Ci.	Cu. S
13	E	1	ENE	1	S	1	SW	2	SW	3	SW	2	5	Ci.	Cu. S	5	Ci.-S.	Cu. S
14	ENE	1	ENE	1	S	1	SW	3	WSW	3	S	2	8	Ci.-S.	Cu. S	9	Ci.-S. NW	Cu.-N. S
15	NE	1	ENE	1	S	2	SSW	2	SW	3	SW	1	9	Ci.-S.	Cu. S	9	Ci.-S.	Cu.-N. S
16	NE	1	SW	1	S	1	SW	1	NNE	1	S	1	6	Ci.-S.	Cu. S	9	Ci.-S.	Cu.-N. S
17	NE	1	NE	1	S	1	SE	3	ESE	2	NE	1	6	Ci.	Cu. S	9	Ci.-S. NW	Cu.-N. S
18	ENE	1	ENE	1	SE	1	NE	1	ENE	1	NE	1	10	Ci.-S.	Cu.-N. S	10	Ci.-S. NNE	Cu.-N. sw
19	ENE	1	ENE	1	SW	1	S	2	WNW	2	NE	2	8	Ci.-S. NE	Cu.-N. SW	8	Ci.-S.	Cu.-N. sw
20	ENE	1.	ENE	1	SW	1	SSE	1	E	1	NE	1	9	Ci.-S.	S.-Cu. SW	10	Ci.-S.	N. SW
21	NE	1	ENE	1	SSW	1	SSW	1	NE	1	NE	1	9	Ci.-S.	S.-Cu. S	10	Ci.-S.	N. S
22	NE	1	NE	1	Calm	----	SW	2	SW	2	SW	3	5	Ci.	Cu. S	7	Ci.-S.	Cu. S
23	SW	3	SW	3	SSW	3	SSW	3	SW	3	SW	1	7	Ci.-S.	S.-Cu. SW	7	Ci.-S.	Cu. SW
24	ENE	1	ENE	1	W	1	E	1	ESE	1	NE	1	8	Ci.-S.	Cu. SW	9	Ci.-S.	S.-Cu. SW
25	ENE	1	ENE	1	SSW	2	ENE	2	E	1	ENE	1	8	Ci.-S. NE	Cu.-N. SW	9	Ci.-S.	cu.-N. sw
26	E	1	E	1	W	1	SW	1	E	2	E	1	8	Ci.-S.	Cu. SW	6	Ci.	Cu. SW
27	ENE	1	Calm	----	SW	1	ESE	2	S	2	W	1	6	Ci.	Cu.	8	Ci.-S. NW	cu.-N. sw
28	Calm	----	NE	1	SW	2	SW	3	S	1	NE	1	7	Ci.-S.	Cu. SW	6	Ci.	Cu. SW
29	ENE	1	ENE	1	NE	1	N	2	S	2	ENE	2	8	Ci.-S.	Cu. SW	8	Ci.-S.	cu.-N. sw
30	Calm	----	NE	1	W	2	SSW	3	SW	3	NE	1	6	Ci.	Cu. S	8	Ci.-S.	Cu. S
31	NE	1	ENE	1	S	2	S	1	WSW	2	E	1	4	Ci.	Cu.	7	Ci.-S.	Cu. S
Mean	-------	1.2	-------	1.2	-------	1.5	-------	1.9	-------	1.8	-------	1.4	6.6	------------	------------	7.7	------------	------------

AMBULONG, TANAUAN.

[φ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

JUNE, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.86	57.20	57.77	56.18	56.64	58.98	57.27	25.9	25.8	33.8	35	31.2	28	30	35.2	24.9	88	87	56	52	64	77	70.7	------
2	58.59	59.33	58.80	57.75	57.75	59.78	58.67	27.8	27.6	32.5	33.5	31.5	29	30.3	36.7	25.6	80	87	65	52	62	72	69.7	------
3	59.33	59.74	59.07	57.08	57.99	59.35	58.76	26.8	26.6	33.5	34	31.4	28.9	30.2	35?	25	86	86	58	51	57	71	68.2	------
4	58.53	59.14	58.83	56.76	56.88	58.75	58.15	25.9	27	33.4	26.7	26.8	25.8	27.6	35	24.5?	85	81	57	79	86	90	79.7	24.6
5	57.49	57.69	58.43	56.82	57.22	58.63	57.71	25.3	25.6	31.6	31	28.6	26.9	28.2	33	24.1	89	93	67	69	85	85	81.3	------
6	58.31	58.56	58.54	57.05	57.95	59.88	58.38	25.8	26.4	33.5	32.6	30.5	27.3	29.4	34.8	25	85	86	57	57	62	78	70.8	------
7	58.89	58.93	58.82	56.49	57.72	58.67	58.25	26.5	26.6	33	32.5	27	26	28.6	33.7	25.1	82	83	60	61	86	86	76.3	1
8	57.64	57.82	57.87	55.11	56.51	57.25	57.03	24.3	27	31.3	33.7	28.5	26.6	28.6	34	24.2	89	84	64	59	71	81	74.7	------
9	55.89	56.95	56.90	55.03	55.52	57.16	56.24	25.7	27	33.4	34.7	29.5	26.3	29.4	35	25.3	86	84	59	58	68	88	73.8	------
10	55.49	56.62	56.97	55.17	55.27	57.56	56.18	24.8	25.8	33.5	29	28.8	26.8	28.1	35	24.4	91	90	53	78	72	83	77.8	4.3
11	57.19	57.20	57.33	55.06	55.57	57.84	56.70	25.1	25	32	35	30.2	27.1	29.1	36.8	24.8	96	96	60	51	70	87	76.7	------
12	57.28	57.26	57.93	56	57.15	58.80	57.40	25.2	24.6	31.5	32.8	24.8	24.5	27.2	35.8	24.4?	90	87	65	62	93	96	82.2	4.8
13	57.64	57.46	57.96	56.25	56.54	58.23	57.35	23.9	23.6	31.5	34.4	30.7	27.7	28.6	34.8	23.4	95	95	65	54	68	79	76	------
14	57.74	57.62	57.78	55.84	56.02	57.83	57.14	26.2	24.9	31.5	34.2	28.8	26.8	28.7	34.4	24.7	85	92	69	57	72	87	77	1.5
15	57.15	57.29	57.36	56.35	56.48	57.79	57.07	26.1	25.9	32	32.8	29.8	27	28.9	33.2	25.5	91	91	60	62	66	86	76	------
16	57.33	57.36	57.93	57.12	57.61	59.24	57.76	26.7	27	31	26.2	27.2	24.8	27.2	34	24.7	86	86	65	82	87	93	83.2	2
17	58.39	58.14	57.65	56.55	56.75	58.24	57.62	25	26	33.4	34.2	30	27	29.3	34.3	24.8	92	92	58	55	67	84	74.7	------
18	57.80	57.64	57.98	55.45	56.05	57.72	57.11	25.8	24.9	31	34.1	30.7	28	29.1	35.1	24.8	87	92	65	56	67	77	74	------
19	56.79	57.09	57.27	55	55.83	57.61	56.60	26	25	32.4	35.3	30.8	26.7	29.4	36.8	24.8	92	92	58	50	64	86	73.7	------
20	56.74	56.52	56.85	55.94	56.18	58.12	56.72	25.2	25.2	33.8	31.5	28	25.8	28.2	35	25.1	96	94	51	68	85	88	80.3	------
21	56.84	57	57.98	55.87	56.48	58.39	57.09	25.1	24	28.3	35	28.8	25.2	27.7	35.4	24	91	93	75	51	75	90	79.2	2.3
22	57.45	57.61	57.49	55.41	56.52	58.08	57.09	24.7	24	30.6	33	26.6	25.3	27.4	34.6	23.8	94	96	68	56	87	93	82.3	28.9
23	56.66	56.71	56.89	55.37	56	57.14	56.46	24.3	24.2	30.9	32.3	30.5	26.8	28.2	33.1	23.9	91	97	61	59	66	86	76.7	------
24	56.89	57.19	57.27	55.71	56.15	57.79	56.83	25.4	25	30	26.2	25.6	24.9	26.2	32.3	24.2	93	95	66	90	88	87	86.5	22.1
25	57.31	57.21	57.28	55.10	55.57	57.58	56.68	23.7	24	31.8	34	29.8	25.1	28.1	34.8	23.5	94	93	66	56	77	91	79.5	------
26	57	56.91	57.69	55.80	56	57.37	56.80	25.2	25	23.6	26.3	27.4	25	25.4	28.8	23.4	91	92	95	85	81	92	89.3	25.9
27	56.41	56.41	57.24	57.16	57.14	58.35	57.12	24	23.9	29.7	25	25.7	24.5	25.5	30.3	23.5	93	92	67	88?	88	87	85.8	16.8
28	57.61	57.38	57.82	56.90	57.27	59.28	57.71	23	22.3	30.8	33.1	29.2	26.2	27.4	33.3	22	93	96	60	57	76	87	78.2	------
29	57.62	57.56	58.04	56.82	56.70	58.50	57.54	24	23.5	30.9	32.9	29.5	25.4	27.7	34.1	23	95	96	60	57	68	85	76.8	------
30	57.89	57.78	57.52	56.80	56.70	59.02	57.62	24	24.2	32.2	34.1	31.7	27.8	29	34.7	23.5	91	90	57	56	62	79	72.5	------
Mean	57.42	57.58	57.78	56.13	56.61	58.30	57.30	25.2	25.3	31.6	32.2	29	26.4	28.3	34.3	24.3	89.9	90.6	62.9	62.3	74	85	77.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	134.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	ENE	1	Calm	----	SW	2	SSW	2	NE	1	NE	1	7	Ci.	Cu.	9	Ci.-S.	Cu.-N. SE
2	E	1	E	1	Calm	----	SW	2	SW	2	NE	1	8	Ci.-S.	Cu.-N. SE	6	Ci.-S.	Cu. SE
3	ENE	1	E	1	ENE	2	ENE	3	NE	1	NE	1	4	Ci.	Cu.	8	Ci.-S.	Cu. E
4	E	1	E	1	SE	1	SW	2	E	1	NE	1	5	Ci.	Cu.	10	Ci.-S.	N. SE
5	NE	1	NE	1	SW	1	Calm	----	Calm	----	NE	2	7	Ci.-S. ENE	Fr.-Cu. SE	10	Ci.-S.	S.-Cu. E
6	ENE	1	E	1	NE	2	NE	3	E	1	E	2	5	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. SE
7	Calm	----	NE	2	ENE	2	ENE	2	E	2	ENE	1	8	Ci.-S.	Cu. SE	8	Ci.-S.	Cu.-N. E
8	E	1	NE	1	ENE	1	NE	1	NE	2	NE	1	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
9	NE	1	ENE	1	SSW	1	NE	1	NE	2	NE	1	6	Ci.	Cu. E	7	Ci.-S.	Cu.-N. E
10	NE	1	NE	1	ESE	1	NE	1	ENE	2	NE	3	8	Ci.	Cu. E	9	Ci.-S.	Cu.-N. SE
11	NE	1	NE	1	E	1	Calm	----	E	1	NE	1	6	Ci.	Cu. SE	7	Ci.-S.	Cu.-N. SE
12	Calm	----	ESE	1	SW	1	SSE	5	Calm	----	Calm	----	9	Ci.-S.	S.-Cu. SE	10	Ci.-S.	N. SE
13	E	1	E	1	ESE	1	ENE	2	E	1	NE	1	6	Ci.	Cu.	6	Ci.	Cu. SE
14	NE	1	Calm	----	ESE	1	NE	2	NNE	1	E	2	8	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. SE
15	E	1	E	1	ESE	1	E	2	NE	1	Calm	----	7	Ci.	S.-Cu. SE	7	Ci.	Cu. SE
16	NE	1	NE	1	ESE	1	NNE	1	NE	2	NNE	1	8	Ci.-S.	Cu.-N. E	10	Ci.-S.	N. E
17	NE	1	NE	1	ENE	1	ENE	3	NE	1	NE	2	8	Ci.-S.	S.-Cu. ESE	6	Ci.-S.	Cu. E
18	NE	1	Calm	----	NE	2	NE	3	NE	1	NE	1	4	Ci.	Cu.	6	Ci.	Cu. E
19	NE	1	NE	1	WSW	1	SSE	1	E	2	NE	1	8	Ci.-S.	Cu. E	4	Ci.	Cu.
20	NE	1	Calm	----	SSE	1	SW	1	E	1	Calm	----	8	Ci.-S.	S.-Cu. E	10	Ci.-S.	N. E
21	E	1	Calm	----	Calm	----	SW	1	NE	1	NE	1	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. SE
22	Calm	----	Calm	----	SSE	1	SE	2	Calm	----	SE	1	4	Ci.	Cu.	9	Ci.-S.	Cu.-N. SE
23	SE	1	SE	1	SSE	1	E	1	Calm	----	NE	1	6	Ci.	Cu. E	7	Ci.-S.	Cu.-N. E
24	NE	1	Calm	----	Calm	----	Calm	----	E	1	Calm	----	8	Ci.-S.	Cu.-N. E	10	Ci.-S.	N. E
25	NE	1	NE	1	ENE	1	Calm	----	Calm	----	NE	1	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. E
26	N	2	Calm	----	Calm	----	Calm	----	Calm	----	E	1	10	Ci.-S.	N.	10	Ci.-S.	N. SE
27	NE	1	Calm	----	Calm	----	SW	3	WSW	3	Calm	----	7	Ci.-S.	Cu. E	10	Ci.-S.	N.
28	Calm	----	Calm	----	SE	1	SW	5	SW	3	SSW	2	7	Ci.-S.	Cu.	10	Ci.-S.	N. SW
29	Calm	----	Calm	----	Calm	----	SW	3	SSW	1	E	1	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. SE
30	Calm	----	Calm	----	Calm	----	S	1	WSW	3	WSW	2	4	Ci.	Cu.	6	Ci.	Cu. SE
Mean	-------	0.8	-------	0.6	-------	0.9	-------	1.8	-------	1.2	-------	1.1	6.7	------------	------------	8	------------	------------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

JULY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.95	57.81	58.62	56.76	56.48	57.34	57.49	24.9	24.8	31.7	32.2	30	27	28.4	33.1	24.5	84	85	56	65	69	84	73.8	1.5
2	56.31	56.50	56.58	55.30	56.01	56.87	56.26	25.7	25	31.8	32.6	30.5	25.8	28.6	32.7	24.8	90	92	67	57	62	85	75.5	------
3	55.65	55.81	56.17	55.14	55.09	56.79	55.78	24.5	24	33	34.7	31.2	28.4	29.3	36.2	23.8	94	93	58	54	64	75	73	------
4	56.75	57.01	57.81	56.16	56.40	58.62	57.12	24.3	24	33.2	33.8	31.5	26.7	28.9	36	24	91	93	60	58	69	86	76.2	------
5	57.65	57.98	58.21	56.83	56.98	58.42	57.67	25	24.8	33.7	33.3	31.8	26	29.1	37	24.7	92	93	52	59	64	90	75	------
6	58.05	58.13	57.65	56.85	57.08	58.30	57.68	25	25.2	34	25.2	25	24	26.4	37	23.8	92	90	56	97	97	91	87.2	27.5
7	57.91	58.64	59.02	56.76	57.46	59.59	58.23	23.8	24.5	31.2	33.7	26.7	25.9	27.6	34	23.5	93	96	58	57	86	85	79.2	6.6
8	58.40	59.54	59.62	58.19	58.07	60.08	58.98	24.7	24.5	31.7	28.7	29.8	25.9	27.6	33.4	24.2	92	92	63	73	73	92	80.8	------
9	58.40	59.49	60.13	57.76	58.71	59.91	59.07	25.7	24.8	32.5	32.2	30.2	27.5	28.8	34.8	24.8	91	93	59	59	65	88	75.8	------
10	59.23	59.37	60.41	58.10	58.29	58.92	59.05	26.4	26	31.6	32.8	28.5	26.6	28.6	33.5	25.5	90	92	57	56	74	87	76	------
11	58.37	58.62	59.08	57.96	58.53	59.23	58.63	25.2	26.2	30.4	33.7	27.2	25.3	28	34	25	90	87	63	57	90	89	79.3	------
12	58.35	57.94	58.47	57.12	57.52	59	58.07	24.3	25	31.8	28.8	26.5	24.9	26.9	33	24	89	92	71	72	88	92	84	7.9
13	57.50	57.39	58.07	56.53	56.81	57.52	57.30	24.2	24.8	32.2	31	29.3	25.2	27.8	33.2	23.3	95	93	65	65	72	91	80.2	------
14	57.06	57.03	57.32	56.44	56.54	57.34	56.96	25.1	25	31.8	29.8	25.2	25.8	27.1	32	24.6	91	92	58	73	90	88	82	------
15	56.56	56.66	57.18	56.57	56.73	57.99	56.95	24.8	26	30.8	28.8	27.8	26	27.4	31.4	24.5	93	92	67	72	75	92	81.8	------
16	58.39	57.54	58.58	57.14	56.82	58.02	57.75	24.8	24.9	29.6	30.6	27.8	26.3	27.3	32.7	24	85	86	67	62	78	86	77.3	------
17	57.60	57.40	57.49	56.88	56.87	57.94	57.36	24.3	24.5	31.7	30	28.6	26	27.5	32	24	92	96	65	71	86	92	83.7	------
18	57.31	56.86	56.92	55.02	55.99	56.93	56.50	25.3	24.9	31.6	34.7	25.8	24	27.7	35	24	91	92	62	53	87	91	79.3	2.5
19	55.87	55.89	56.49	54.09	54.51	56.59	55.57	23.3	23.2	33	33	29	25.3	27.8	35.8	22.9	93	93	60	61	78	89	79	18.3
20	55.78	55.70	56.27	54.55	55.19	56.78	55.71	24.7	23.8	32	34.8	31.5	26.6	28.9	35	23.7	86	93	60	54	63	80	72.7	------
21	55.76	56.44	57.14	56.27	56.87	58.98	56.91	24.7	24	32.9	31.9	30.9	26.7	28.5	33 ?	23.8	90	93	61	61	60	86	75.2	------
22	56.84	56.95	58.48	56.79	57.27	59.12	57.58	24.8	24	30.9	32.3	31.7	28	28.8	33.5	23.9	90	91	69	60	62	77	74.8	------
23	56.85	57.71	57.76	56.30	56.44	58.12	57.20	25.5	24.8	30	31.3	29.5	26.8	28	31.4	24.6	89	85	71	64	81	86	79.3	------
24	56.67	55.85	55.82	54.50	54.33	55.98	55.52	26.2	24.8	31.3	33.8	29.4	25.9	28.4	33.2	24.7	90	85	70	61	68	85	76.5	------
25	54.83	54.80	55.41	54.06	53.73	55.54	54.73	25.9	24.7	26.3	27.2	26.9	27	26.3	29.8	24.2	89	94	90	84	85	84	87.7	8.7
26	54.96	54.69	54.93	53.05	53.30	54.59	54.25	25.3	25.8	28.3	29	27.9	27.2	27.2	29.3	25	93	92	77	78	85	83	84.7	25.2
27	53.60	53.37	53.87	52.56	52.51	53.70	53.27	24.8	24.8	28.2	28.1	27.2	26.2	26.6	29.5	24	85	93	83	84	83	90	86.3	12.7
28	52.73	52.15	53.14	52.15	51.91	52.52	52.43	25.5	25.8	25.5	25.8	25.8	25.4	25.6	27.8	24.8	88	89	93	92	91	93	91	56.9
29	51.75	51.08	51.28	49.91	50.15	51.38	50.92	25	24.7	25.8	27.7	26.2	25.9	25.9	27.9	24.5	93	94	90	82	90	85	89	2.8
30	50.51	50.46	51.09	51.02	51.79	53.69	51.43	25.3	24.8	27.2	27.3	26.5	25	26	28	24.7	91	93	87	84	88	92	89.2	47.3
31	53.35	52.81	53.60	53.13	53.59	55.74	53.70	25.3	25	26	26	26.2	24.5	25.5	27	24.3	96	93	92	92	90	96	93.2	6.9
Mean	56.35	56.37	56.86	55.48	55.74	57.15	56.32	25	24.8	30.7	30.8	28.5	26.1	27.6	32.7	24.3	90.6	91.5	68	68.3	77.8	87.4	80.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	224.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	ENE	1	SE	1	SW	2	WSW	3	Calm	----	8	Ci.-S.	Cu.	7	Ci.-S.	Cu. S
2	Calm	----	NE	1	SW	1	WSW	3	W	3	NE	2	10	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. SW
3	Calm	----	Calm	----	Calm	----	WSW	1	WSW	2	W	2	5	Ci.	Cu.	6	Ci.	Cu. SSE
4	E	1	E	1	S	2	WSW	3	WSW	3	NE	1	5	Ci.	Cu.	5	Ci.	Cu. SW
5	Calm	----	Calm	----	S	1	WSW	3	WSW	1	Calm	----	5	Ci.	Cu.	4	Ci.	Cu.
6	Calm	----	Calm	----	Calm	----	W	3	NE	1	Calm	----	6	Ci.-S.	Cu.	10	Ci.-S.	N. SW
7	Calm	----	E	1	Calm	----	Calm	----	Calm	----	E	1	5	Ci.	Cu.	7	Ci.-S.	Cu.-N. SW
8	NE	2	ENE	1	SSE	1	NE	3	Calm	----	NE	1	9	Ci.-S.	Cu. SW	9	Ci.-S.	Cu.-N. SE
9	NE	1	NE	1	E	1	NE	2	NE	2	ENE	2	7	Ci.	Cu. SE	9	Ci.-S.	N. SE
10	NE	1	NE	2	NE	2	NE	3	NNE	2	NE	3	9	Ci.-S.	S.-Cu. SE	6	Ci.-S.	Cu.
11	NE	3	NE	3	NE	1	ENE	2	E	1	NE	1	9	Ci.-S. E	Cu.-N. SE	7	Ci.-S.	Cu.-N. SE
12	Calm	----	NE	1	Calm	----	ENE	3	E	1	ENE	1	5	Ci.	Cu.	10	Ci.-S.	N. SE
13	E	1	ENE	1	ENE	2	NE	2	NE	1	NE	2	8	Ci.-S.	S.-Cu. SE	6	Ci.	Cu. SE
14	Calm	----	ENE	1	NE	2	NE	2	NNE	3	NE	3	9	Ci.-S.	S.-Cu. SE	10	Ci.-S.	N. NE
15	NE	2	ENE	3	NNE	3	ENE	3	ENE	2	NE	3	8	Ci.-S.	Cu. SSE	9	Ci.-S.	S.-Cu. SSE
16	Calm	----	NE	3	NE	2	NE	3	ENE	1	NNE	1	9	Ci.-S.	S.-Cu. SSW	9	Ci.-S.	S.-Cu. SSW
17	Calm	----	NE	1	NE	3	NE	2	NNE	2	NE	3	10	Ci.-S.	N. SW	8	Ci.-S.	Cu. SW
18	NE	1	NE	1	NE	2	NE	2	NNE	1	NE	1	3	Ci.	Cu.	7	Ci.-S.	Cu. E
19	NE	1	NE	1	NE	1	ENE	2	S	3	E	2	3	Ci.	----------	6	Ci.	Cu. E
20	Calm	----	NE	1	Calm	----	S	1	S	2	Calm	----	2	Ci.	----------	7	Ci.-S.	Cu.-N. ESE
21	Calm	----	NE	1	S	1	ENE	1	S	3	NE	1	7	Ci.-S. ESE	Cu. S	10	Ci.-S.	N. SW
22	NE	1	NE	2	S	1	S	3	S	2	N	2	7	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. SW
23	NE	2	NE	1	NE	1	S	3	WSW	3	W	2	7	Ci.	Cu. SW	8	Ci.-S.	Cu. NE
24	W	2	NE	2	WSW	2	SSW	3	WSW	3	NE	1	9	Ci.-S. NW	S.-Cu.	6	Ci.	Cu. W
25	NE	1	E	1	SW	2	SW	3	SW	2	SW	3	9	Ci.-S.	S.-Cu. W	9	Ci.-S.	S.-Cu. W
26	SW	3	SSW	3	SW	3	WSW	4	WSW	4	W	2	10	Ci.-S.	N. S	10	Ci.-S.	N. W
27	NE	1	WSW	2	SW	3	SW	3	WSW	3	WSW	3	9	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	N. WSW
28	WSW	3	Calm	----	NNE	1	SW	3	SW	3	SW	3	10	Ci.-S.	N. WSW	10	Ci.-S.	N. SW
29	SW	3	NE	1	SW	3	SW	3	WSW	2	SW	3	10	Ci.-S.	N.	10	Ci.-S.	N. SW
30	SW	2	W	1	SW	3	SW	3	SSW	5	SSW	4	10	Ci.-S.	N. SW	10	Ci.-S.	Cu.-N. SW
31	SW	4	SW	2	SW	3	WSW	3	WSW	3	SSW	4	10	Ci.-S.	N.	10	Ci.-S.	N. SW
Mean	-------	1.2	-------	1.3	-------	1.5	-------	2.5	-------	2.2	-------	1.8	7.5	------------	------------	8	------------	------------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

AUGUST, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	54.13	54.36	55.44	54.56	54.51	56.49	54.92	24	24.2	30.3	31.6	28?	26.5	27.4	32	23.2	93	90	66	62	77?	88	79.3	------
2	55.72	56.14	56.37	55	55.43	57.04	55.95	23.8	24	31.8	33	29.5	25.2	27.9	33.2	23.2	93	93	64	61	75	90	79.3	------
3	56.55	56.46	56.54	55.07	55.55	56.99	56.19	23.8	24	30.2	32.1	29.5	28	27.9	32.6	23.2	93	91	64	66	76	77	77.8	------
4	56.05	55.89	56.06	55.10	55.39	57.27	55.96	24.7	23.8	30.2	31.8	29.4	27	27.8	32	23.5	87	93	64	61	68	81	75.7	------
5	55.52	56.04	56.76	55.46	56.03	58.24	56.34	25.9	25.8	31	28.8	27.9	26.7	27.7	31.3	24.6	86	85	73	80	82	86	82	------
6	57.15	57.04	57.16	55.89	56.42	58.34	57	23.7	23.3	29	30.5	28.2	26.2	26.8	31.2	23.2	94	96	78	70	80	90	84.7	0.8
7	57.59	57.74	58.12	56.69	56.66	57.89	57.45	23.4	24	30	31.5	28	26.3	27.2	32	23	97	93	71	72	81	91	84.2	1.3
8	57.14	56.28	56.99	55.24	55.06	56.92	56.27	26.3	26.8	30.3	30.6	27.5	26.8	28	31	26	90	92	76	69	88	87	83.7	1.3
9	56.03	54.72	55.69	55.03	55.23	57.33	55.67	26.8	27	30.3	29.9	28	25.9	28	31.3	25.2	86	92	70	67	81	85	80.2	1.5
10	56.29	55.80	57.02	56.64	56.70	58.85	56.88	26.8	26.2	29.3	26.2	25.8	26	26.7	30.3	24.7	86	87	76	90	91	92	87	14.7
11	57.56	57.36	57.69	56.74	57.46	58.34	57.52	25.7	26.3	29.2	30.5	25.7	25.6	27.2	31	24.8	86	90	76	69	86	87	82.3	10.2
12	58.11	57.35	57.93	56.64	56.46	57.39	57.31	24.5	22.5	26	27.2	26.2	26.7	25.5	29	22.5	87	96	89	84	90	86	88.7	8.2
13	56.36	56.07	57	55.62	55.89	57.56	56.42	23.9	24	24.8	27.2	26.6	24.7	25.2	27.6	23.7	84	93	90	83	89	91	88.3	14.7
14	56.09	56.41	57.23	57.01	56.44	57.36	56.76	24.3	24	27.8	25.7	25	24.9	25.3	30.7	24	92	93	86	86	93	84	89	2.6
15	57.07	56.93	57.72	57.19	57.53	58.99	57.57	24	23.2	31	25.3	27.4	23.8	25.8	33.2	23	92	95	65	89	85	93	86.5	3.3
16	58.36	58.14	58.40	56.34	56.83	58.12	57.70	23	23	31	33.2	29.2	25.8	27.5	33.4	22	95	96	59	60	76	85	78.5	------
17	57.40	57.28	57.30	55.72	55.47	56.55	56.62	24.8	24.6	26.3	29.9	27	25.8	26.4	30.5	24.4	88	87	91	72	84	87	84.8	4
18	55.67	55.70	56.10	54.03	54.94	55.79	55.37	25.2	24.8	28	31.7	28.8	26.5	27.5	31.8	24.7	90	85	85	68	79	86	82.2	.8
19	54.71	55.21	55.22	54.34	55.18	55.76	55.07	25.1	24.8	31.7	28.4	25.8	24.6	26.7	31.9	23.6	91	85	63	75	87	94	82.5	6.1
20	54.23	55.40	55.76	54.09	54.97	56.13	55.10	23.3	24.2	28.2	30.4	27.7	25.2	26.5	31.3	23	93	97	88	63	75	90	84.3	2
21	54.61	54.68	55.97	55.47	55.88	56.76	55.56	24.2	25.3	29.2	27.2	26.8	26.4	26.5	30.8	24	90	94	76	83	87	89	86.5	1.5
22	55.38	56.41	56.72	55.14	55.47	57.09	56.04	26.2	26.3	29.8	30.2	28.4	27.6	28.1	31	25.8	85	85	67	64	82	84	77.8	------
23	55.07	55.39	56.19	55.22	55.88	57.29	55.84	27.1	27	30	27.5	27	26.3	27.5	30.5	25.9	87	87	74	85	87	90	85	3.8
24	56.30	55.73	56.76	55.96	56.37	57.72	56.47	25.7	25.2	26	25	25.3	25.3	25.4	27.3	24.8	93	93	84	87	89	96	90.3	22.3
25	56.89	56.47	57.42	55.82	56.48	58.53	56.94	25.3	25.5	30.6	32.8	28.6	27	28.3	33.2	25.2	95	93	72	62	82	92	82.7	------
26	58.09	58.27	58.67	56.77	57.93	59.09	58.14	26.3	26.2	31	33	28.7	24.6	28.3	33.7	24.2	91	90	61	61	75	87	77.5	------
27	58.34	58.86	59.92	58.27	58.03	59.14	58.76	24	23.7	31.6	32.9	28.7	25.3	27.7	33.4	23.5	91	94	68	61	75	89	79.7	------
28	58.81	59.18	59.56	58.02	58.77	60.04	59.06	24.5	24.7	31.4	31	26	24.3	27	34.3	23.2	87	86	63	59?	89	89	78.8	------
29	59.69	58.96	58.99	56.82	57.04	59.30	58.47	22.4	22	30.8	33.7	27.8	24	26.8	34	21.9	91	93	60	57	86	91	79.7	------
30	58.47	58.65	58.51	56.90	57.04	58.43	58	23.2	23.3	31.3	35	24	24	26.8	35.3	23.1	90	89	68	52	91	91	80.2	15.2
31	57.36	57.49	58.18	56.29	56.73	58.13	57.36	23.4	23.3	30.9	27.4	27.4	24.6	26.2	31.2	23	95	96	66	83	84	87	85.2	11.7
Mean	56.67	56.66	57.21	55.91	56.25	57.71	56.73	24.7	24.6	29.6	30	27.4	25.7	27	31.7	23.9	90.3	91.3	72.7	71	82.9	88.2	82.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	126

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	1	NE	1	SW	4	SW	4	SW	3	W	1	8	Ci.-S.	Cu.	7	Ci.-S.	Cu. SW
2	NE	1	NE	2	SW	1	SW	3	W	3	E	1	8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu. SW
3	NE	1	NE	2	WSW	3	WSW	3	WSW	3	SW	2	6	Ci.	Cu. SW	7	Ci.-S.	Cu. SW
4	NE	2	NE	2	WSW	3	SE	3	S	3	SE	2	6	Ci.	Cu.	6	Ci.-S.	Cu. SW
5	SE	3	E	2	E	1	WSW	3	WSW	3	W	3	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	N. WSW
6	E	1	Calm	----	Calm	----	SW	3	SW	3	SW	2	10	Ci.-S.	S.	8	Ci.-S.	Cu.-N. W
7	NE	2	N	1	S	3	SW	4	SW	4	SW	3	10	Ci.-S.	N. W	6	Ci.	Cu. W
8	SW	3	SW	3	WSW	4	WSW	4	WSW	3	SW	3	9	Ci.-S.	S.-Cu. W	7	Ci.-S.	Cu. WSW
9	WSW	3	SW	3	WSW	4	SW	4	W	4	WSW	3	6	Ci.	Cu. SW	7	Ci.-S.	Cu.
10	WSW	3	WSW	3	W	3	WSW	4	W	1	SW	3	5	Ci.	Cu.	10	Ci.-S.	N. SW
11	SSW	2	SW	2	SW	2	WSW	4	SW	3	WSW	2	9	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	N. WSW
12	WSW	3	NE	1	WSW	3	SW	3	SW	3	SW	3	10	Ci.-S.	N. W	10	Ci.-S.	N. SW
13	E	1	E	1	WSW	3	WSW	4	WSW	2	ENE	2	10	Ci.-S.	N. SW	10	Ci.-S.	S.-Cu. SW
14	E	1	NE	1	WSW	2	WSW	2	Calm	----	SSW	3	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	N. W
15	NE	1	Calm	----	Calm	----	NE	1	Calm	----	NE	1	7	Ci.	Cu.	10	Ci.-S.	N. W
16	NE	2	Calm	----	S	1	SSW	1	W	1	Calm	----	4	Ci.	Cu.	8	Ci.-S.	Cu.-N.SW
17	NE	1	Calm	----	S	1	Calm	----	E	1	Calm	----	9	Ci.-S.	S.-Cu. NE	9	Ci.-S.	Cu.-N.NE
18	NE	1	ENE	1	NNE	2	ENE	2	S	1	Calm	----	10	Ci.-S.	N. NE	9	Ci.-S.	Cu.-N.NE
19	Calm	----	NE	1	SW	1	SE	1	SE	1	NE	1	5	Ci.	Cu.	10	Ci.-S.	N.
20	Calm	----	Calm	----	W	2	SW	2	WSW	2	NE	1	5	Ci.	Cu.	9	Ci.-S.	Cu.-N. E
21	NE	1	Calm	----	WSW	3	WSW	3	SW	3	WSW	4	9	Ci.-S.	Cu.-N. SW	10	Ci.-S.	N. SW
22	W	2	WSW	3	WSW	4	SW	3	W	3	WSW	3	10	A.-S. WNW	S.-Cu. SW	8	Ci.-S.	Cu.-N. SW
23	SW	1	WSW	3	WSW	3	WSW	3	SW	1	SW	1	9	Ci.-S. W	S.-Cu. SW	9	Ci.-S.	Cu.-N. SW
24	SW	3	Calm	----	WSW	3	SSW	4	SW	2	Calm	----	10	Ci.-S.	N. WSW	10	Ci.-S.	N. SW
25	SW	4	SW	2	Calm	----	SW	2	SW	3	SW	1	10	A.-S.	S.	6	Ci.	Cu. SW
26	SW	2	SW	2	SSW	2	SW	2	SW	2	NE	1	8	Ci.-S.	Cu. SW	8	Ci.-S.	Cu. W
27	NE	1	NE	2	S	1	SSW	2	Calm	----	NE	1	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. SW
28	NE	1	NE	1	SW	1	WNW	2	NE	1	ENE	2	3	Ci.	------------	10	Ci.-S.	Cu.-N. SW
29	NE	1	NE	1	SW	1	S	2	NE	1	NE	1	2	Ci.	------------	8	Ci.-S.	Cu.-N.
30	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	4	Ci.	------------	8	Ci.-S.	Cu.-N.NE
31	Calm	----	NE	1	SW	1	Calm	----	N	1	Calm	----	7	Ci.-S.	Cu. NE	8	Ci.-S.	Cu.-N.NE
Mean	-------	1.5	-------	1.3	-------	2	-------	2.5	-------	2	-------	1.6	7.5	------------	------------	8.5	------------	------------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

SEPTEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.86	56.78	57.43	55.94	56.74	57.56	56.88	23	23.8	29.8	27.6	26.9	24.7	26	31.9	23	93	93	79	86	77	86	85.7	4.3
2	57.04	56.87	57.19	55.19	55.55	57.30	56.52	23.6	23.4	30.5	30.4	27.8	25.6	26.9	32.8	23.4	93	93	71	69	79	87	82	-----
3	56.46	56.59	56.93	55.05	55.02	56.66	56.12	23.7	24.8	31.1	26.2	27.6	24.3	26.3	31.2	23.3	94	93	74	94	80	89	87.3	3.3
4	55.81	55.88	56.44	54.64	54.92	56.50	55.70	22.9	23.2	30.6	29.2	28.3	25.3	26.6	31.1	22.9	92	93	62	76	83	89	82.5	-----
5	54.94	54.91	55.65	53.79	54.14	55.93	54.89	25.6	24.5	30.7	29.8	28	26.2	27.5	31	23.8	90	96	67	73	85	90	83.5	1.3
6	54.63	54.59	54.97	53.62	53.83	55.30	54.49	25.2	24.5	29.8	30.8	27.2	26.7	27.4	31.2	24.5	90	87	75	71	87	86	82.7	-----
7	53.94	53.90	54.07	52.69	53.26	54.60	53.74	26.8	26.8	29.9	29.8	26.7	26.3	27.7	31	25	89	89	72	73	90	91	84	6.9
8	54.27	53.68	53.65	52.26	52.44	54.06	53.39	25.4	25.5	27	26.9	26.2	25.6	26.1	30.2	23.8	88	91	86	85	89	87	87.7	113.3
9	53.28	53.41	55.26	53.81	54.31	56	54.34	25	25.3	24.8	25.5	25	24.9	25.1	26	24.5	96	96	93	96	93	86	93.3	43.3
10	54.23	55.43	56.36	54.86	55.28	56.85	55.50	24.6	25	25	25.3	24.8	24.3	24.8	26	24.2	87	93	97	96	95	91	93.2	21.9
11	54.50	54.41	55.79	54.71	54.41	56.44	55.04	25.6	26.4	28.9	28	26.2	24.8	26.6	29.2	24	90	86	71	88	90	85	85	15.7
12	56.21	55.27	55.87	54.46	55.33	56.67	55.64	24	24.2	28.9	33	28.8	26.8	27.6	33.3	23.6	93	96	71	61	76	86	80.5	2.5
13	56.11	56.24	57.10	55.14	55.89	57.21	56.28	24.7	24.4	29.4	28.8	26.7	25.7	26.6	30.1	24.2	86	90	82	79	88	86	85.2	11.7
14	56.10	56.99	58.85	56.60	56.78	57.85	57.20	24.2	23.7	23.8	26.2	25.8	23.7	24.6	27	23	90	94	93	90	90	94	91.8	18.3
15	56.98	57.06	58.24	56.11	56.93	59.30	57.44	22.8	22.9	30	31.3	27.2	25.2	26.6	32.1	22.4	93	92	78	70	90	90	85.5	8.6
16	57.60	59.04	59.51	57.07	57.97	59.19	58.40	23.9	23.5	30.3	31.6	26.7	25.2	26.9	32.5	23.2	94	96	76	68	86	93	85.5	-----
17	57.71	58.65	59.62	57.41	57.93	59.94	58.54	25	25	29.8	31.2	28.6	26.5	27.7	32	24.9	88	96	66	71	73	86	80	-----
18	58.08	58.06	58.94	58.23	57.61	59.04	58.33	25.2	25	27.9	25.8	25	24	25.5	29.9	23.8	90	87	78	88	95	93	88.5	6.9
19	57.56	57.66	58.64	55.92	57.09	59.02	57.65	23.7	24.5	28.5	30.3	27.2	25.7	26.6	30.5	23.5	94	96	85	70	86	86	86.2	-----
20	57.04	57.92	58.59	55.80	56.28	58.59	57.37	24.3	24.2	29.8	32.2	28.2	25.6	27.4	32.7	24	94	97	66	59	83	88	81.2	3.8
21	57.36	58.24	59.39	57.48	56.78	58.49	57.96	24	23.5	30.6	26.8	27.5	24	26.1	32.1	23.3	93	96	68	86	91	91	87.5	10.9
22	58.10	58.17	58.78	56.52	57.29	58.79	57.94	23.2	24	30.6	32.7	29.6	26.8	27.8	32.9	23.1	97	93	62	62	74	86	79	-----
23	58.13	58	58.22	55.86	56.51	58.05	57.46	25.2	24	30.6	33	29.2	26	28	33.2	23.9	90	93	62	61	76	92	79	-----
24	56.31	57.11	58.09	55.67	56.52	58.08	56.96	24.3	24	32	34.7	26	24.5	27.6	34.8	23.6	92	93	60	54	92	89	80	2
25	57.66	57.80	58.19	56.18	57.34	59.02	57.70	23.9	24.5	31	32.7	28.2	24.3	27.4	33.3	23.8	92	96	59	62	80	89	79.7	-----
26	57.32	58.19	58.62	57.12	57.07	59.32	57.94	23.6	23.8	31.5	33.7	28.1	24.6	27.6	34	23.4	95	93	63	57	85	90	80.5	1.3
27	58.24	58.41	58.62	56.72	57.71	60.42	58.35	24.1	24	30.7	31	27.7	23.4	26.8	34	22.8	93	93	61	72	87	95	83.5	25.1
28	58.25	58.60	59.02	56.73	58.76	59.24	58.43	22.3	22.3	29.9	33.1	24	23	25.8	33.2	22	96	92	65	60	91	97	83.5	19.8
29	57.81	58.31	59.04	56.87	58.12	59.64	58.30	22.8	22.5	29.4	30.3	27.8	25	26.3	31.2	22.4	93	96	79	75	83	92	86.3	-----
30	58.30	58.89	59.59	58.04	58.94	60.19	58.99	24.6	23.7	30.8	31.8	26.5	25.1	27.1	32	23.6	87	94	71	61	80	91	80.7	-----
Mean	56.56	56.84	57.56	55.68	56.22	57.84	56.78	24.2	24.2	29.5	30	27.1	25.1	26.7	31.4	23.6	91.7	93.1	73.1	73.8	85.1	89.4	84.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	320.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SW	1	NE	1	Calm	----	Calm	----	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu. NE
2	Calm	----	NE	1	S	2	WSW	2	SW	3	NE	1	6	Ci.	Cu.	8	Ci.-S.	Cu. W
3	E	1	NE	1	S	1	Calm	----	WSW	2	NE	1	7	Ci.	Cu.	9	Ci.-S.	Cu.-N. W
4	NE	1	Calm	----	SSW	2	S	1	SW	3	NW	2	8	Ci.-S. NW	Cu. WSW	8	Ci.-S.	Cu.-N. WSW
5	WSW	2	W	1	SW	4	WSW	3	SW	3	WSW	1	7	Ci. NW	Cu. WSW	7	Ci.-S.	Cu. SW
6	SW	3	NE	1	WSW	3	WSW	3	SW	3	WSW	3	5	Ci.	Cu.	7	Ci.-S.	Cu. SW
7	E	1	SW	3	SW	3	WSW	5	WSW	4	WSW	2	8	Ci.-S.	S.-Cu. W	9	Ci.-S.	N. W
8	SW	5	SW	5	SW	3	SW	6	WSW	3	SW	2	10	Ci.-S.	N. WSW	10	Ci.-S.	N. W
9	NE	1	WSW	3	SW	3	SSW	3	SSW	3	SSW	3	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
10	SW	2	SW	3	SW	4	SW	3	SW	3	SW	3	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
11	WSW	3	WSW	3	SW	4	S	1	SSW	3	NE	1	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. SW
12	NE	2	E	1	W	1	SE	1	SW	3	SW	2	10	Ci.-S.	S.-Cu. SSW	6	Ci.	Cu. SW
13	SE	3	NE	1	NNE	1	SW	1	Calm	----	E	1	9	Ci.-S.	Cu.-N. SW	9	Ci.-S.	N. SW
14	SW	3	Calm	----	E	1	Calm	----	E	1	NE	1	10	Ci.-S.	N. SW	10	Ci.-S.	S.-Cu. SW
15	NE	1	NE	1	W	1	W	1	Calm	----	Calm	----	4	Ci.	Cu.	7	Ci.-S.	Cu. E
16	E	1	E	1	Calm	----	NNE	2	Calm	----	Calm	----	7	Ci.	Cu.	6	Ci.	Cu. SE
17	NE	1	Calm	----	NE	3	NE	2	NE	2	NE	1	6	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
18	NE	1	NE	1	NE	2	NNE	2	NE	1	Calm	----	6	Ci.	Cu.	9	Ci.-S.	Cu.-N.
19	Calm	----	NE	1	ENE	2	NE	2	NE	2	NE	2	9	Ci.-S. NNE	S.-Cu. E	10	Ci.-S.	S.-Cu. E
20	Calm	----	Calm	----	NE	2	NNE	1	Calm	----	Calm	----	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. E
21	E	1	Calm	----	E	1	N	1	Calm	----	NE	1	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
22	Calm	----	Calm	----	ENE	2	SSW	3	Calm	----	NE	2	6	Ci.	Cu. E	7	Ci.-S.	Cu.-N. E
23	Calm	----	E	1	NE	3	NE	3	Calm	----	Calm	----	3	Ci.	------------	5	Ci.	Cu. E
24	E	1	NE	1	NNE	1	W	1	NE	1	NE	1	4	Ci.	Cu.	8	Ci.-S.	Cu.-N. SE
25	NE	1	NE	1	SW	1	SW	1	NE	3	E	2	8	Ci.-S. E	Cu. SE	8	Ci.-S.	Cu.-N. SE
26	NE	2	NE	1	SW	1	SW	1	NE	1	NE	1	4	Ci.	Cu.	6	Ci.	Cu. E
27	NE	1	NE	1	SW	1	W	2	NE	1	E	2	5	Ci.	Cu.	8	Ci.-S.	N.
28	NE	1	NE	1	W	1	Calm	----	NE	1	NE	2	9	Ci.-S. NE	S.-Cu. E	8	Ci.-S.	Cu.-N.
29	NE	1	E	1	SW	1	NE	2	E	1	NE	1	5	Ci.	Cu.	7	Ci.-S.	Cu. SE
30	NE	1	Calm	----	S	1	SE	2	Calm	----	E	1	4	Ci.	Cu.	8	Ci.-S.	Cu.-N. SE
Mean	-------	1.3	-------	1.1	-------	1.9	-------	1.9	-------	1.6	-------	1.3	7	------------	------------	8.1	------------	------------

AMBULONG, TANAUAN.

[$\phi = 14°\ 07'$ N; $\lambda = 121°\ 04'$ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

OCTOBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.31	59.72	60.04	57.22	57.99	59.46	58.79	25.2	24.2	30.7	32.5	28.5	26.2	27.9	32.5	24	90	93	67	61	74	89	79	------
2	58.10	58.05	58.22	55.32	56.74	57.48	57.32	24.9	24.7	31	31.5	27.4	24.6	27.4	33.9	24.5	92	94	59	63	81	87	79.3	------
3	55.94	56.08	56.72	53.92	55.25	56.36	55.71	24.7	24	30.9	30.8	24.8	24.2	26.6	32.8	23.9	86	93	72	60	87	90	81.3	0.8
4	54.85	55.39	56.56	53.87	55.02	56.01	55.28	24	23.3	29	32.9	27	24	26.7	33	23.2	91	94	75	61	84	93	83	25.1
5	55.34	55.62	56.04	54.32	54.94	56.20	55.41	22.8	23	30.3	30	27.1	24.8	26.3	31.8	22.7	93	95	74	71	87	85	84.2	1.8
6	54.91	55.01	55.30	53.60	53.95	55.31	54.68	23.8	23.2	31	27.9	26.8	25.2	26.3	32.6	23	85	93	68	78	90	90	84	.8
7	54.55	54.54	54.82	53.02	53.57	55.10	54.27	23.2	22.5	30.7	33.8	28.3	25	27.2	34.1	22.4	93	96	67	57	72	93	79.7	------
8	53.96	54.50	55.84	53.64	54.22	55.37	54.59	25	25	28.2	30.1	27.2	25.2	26.8	32	24.9	92	93	83	71	83	90	85.3	------
9	54.59	55.42	55.94	54.54	55.43	56.55	55.41	24.6	24	28.7	27.3	25.8	24.4	25.8	29.2	23.8	87	91	80	82	90	88	86.3	1.3
10	56.21	56.55	57.34	56.29	57.32	58.97	57.11	23.4	24	29	31.7	28.2	25.3	26.9	32.2	23.2	95	96	78	68	76	89	83.7	------
11	58.79	59.19	60.27	57.89	59.87	60.59	59.43	24	24.2	29	31.8	25.2	24.2	26.4	32.7	23.8	91	90	72	67	90	90	83.3	27.9
12	59.57	59.70	59.51	57.58	58.43	59.13	58.99	23.7	24.3	30.2	30	24.8	24.3	26.2	31.2	23.6	94	92	70	65	87	89	82.8	.5
13	57.82	57.84	58.23	55.78	56.33	57.04	57.17	23.9	24	30	26.5	25.2	23.5	25.5	31.2	23.3	92	93	65	84	90	96	86.7	3.8
14	56.18	56.13	57.27	55.51	56.08	57.09	56.38	24	24.2	26	27.3	26.2	24.4	25.4	27.3	23.7	93	93	95	86	90	91	91.3	7.4
15	56.52	56.66	57.65	56.10	57.21	58.61	57.12	24	23.6	28.2	29.2	26	25.1	26	29.4	23.5	93	95	83	76	92	91	88.3	3.1
16	57.36	57.54	58.44	56.22	57.11	58.91	57.60	23.9	24	28.3	32.1	25	24.1	26.2	32.2	23.8	93	93	75	66	93	92	85.3	13.2
17	57.72	58.31	58.94	56.08	56.71	58.55	57.72	23.1	23	30	31.9	29.7	24.9	27.1	32.1	22.9	96	95	78	67	76	84	82.7	3.8
18	57.34	57.95	58.37	56.02	56.47	58.24	57.40	23.4	23.2	30.5	32.9	29.3	25	27.4	33.1	23.1	97	93	68	61	72	92	80.5	------
19	57.24	57.31	58.50	56.29	57.04	58.99	57.56	24.5	24.7	30.8	30.3	28	26.2	27.4	31.2	24.5	96	93	68	70	81	90	83	------
20	58.22	58.89	59.24	56.42	57.17	58.69	58.10	24.9	23.9	30.6	32.7	26.7	26.9	27.6	32.8	23.9	92	92	62	62	86	85	79.8	------
21	57.79	57.76	58.24	55.83	56.72	57.49	57.30	25.6	25.2	27	31.6	28.5	26.5	27.4	31.7	25	89	93	84	68	74	88	82.7	------
22	56.27	57.19	57.79	55.16	55.82	56.86	56.52	24.8	23.8	29.2	30.2	27.3	24.3	26.6	30.5	23.4	93	93	70	64	82	89	81.8	20.1
23	54.76	53.91	54.26	49.61	47.29	45.35	50.86	23.4	24.2	24.2	24.5	24.7	24.1	24.2	25	23.2	97	93	93	96	90	91	93.3	141.6
24	42.33	43.89	47.58	47.02	47.88	49.86	46.43	24.4	24	25.2	25.9	25.2	23.4	24.7	26.1	23.1	90	91	97	86	90	97	91.8	36
25	48.72	49.65	52.03	51.64	52.30	53.83	51.36	23.5	23	24.6	23.9	22.3	21.3	23.1	24.8	20.9	96	95	95	92	94	93	94.2	17.3
26	53.09	54.42	55.46	53.82	55.89	56.15	54.80	20.7	20.8	29.8	32.8	25.2	23.9	25.5	33	20.3	94	93	66	62	90	92	82.8	------
27	55.51	56.58	57.12	54.97	55.88	56.34	56.07	23.4	22.6	30?	28.8	27.7	27.4	26.6	31?	22.5	95	95	71?	73	81	81	82.7	------
28	55.11	55.08	54.82	52.27	52.42	52.85	53.76	26.3	26.8	28.9	30.8	28.5	27.2	28.1	31	26.2	90	86	78	67	74	83	79.7	------
29	51.31	52.26	52.36	50.78	51.96	53.66	52.06	27.1	26.8	28	28.8	27.7	27.4	27.6	28.9	26.8	83	78	74	72	85	87	79.8	------
30	52.02	53.99	55.05	53.62	54.80	56.35	54.30	27	26.8	27.2	28.9	27.8	25.9	27.3	29	25.8	86	86	83	78	79	86	83	------
31	54.36	55.72	56.94	55.96	56.89	58.06	56.32	25	24.3	28.8	25	22.6	22.5	24.7	29	22.4	93	96	72	92	95	96	90.7	21.1
Mean	55.32	55.83	56.61	54.53	55.31	56.43	55.67	24.3	24	28.9	29.8	26.6	24.9	26.4	30.9	23.6	91.8	92.5	75.5	71.8	84.4	89.6	84.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	325.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	2	E	1	NE	3	NE	3	NE	3	Calm	----	5	Ci.	Cu.	6	Ci.	Cu.
2	Calm	----	NE	1	NE	2	NE	3	Calm	----	Calm	----	8	Ci.-S. ENE	S.-Cu. E	9	Ci.-S.	Cu.-N.
3	NNE	2	NE	2	ENE	1	NE	2	Calm	----	Calm	----	9	Ci.-S. ENE	S.-Cu. NE	9	Ci.-S.	N.
4	E	1	NE	1	SW	1	Calm	----	Calm	----	NE	1	6	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
5	NE	2	NE	1	Calm	----	WSW	1	E	1	E	1	6	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
6	NE	2	NE	1	NE	1	E	1	NE	1	NE	1	8	Ci.	Cu.-N.	7	Ci.	Cu. SE
7	E	1	NE	2	E	2	W	2	NE	1	NE	1	7	Ci.	Cu.	5	Ci.	Cu. E
8	Calm	----	NE	2	S	2	NE	3	Calm	----	NE	2	7	Ci.-S.	Cu. E	7	Ci.-S.	Cu.
9	Calm	----	E	1	NE	2	ESE	3	NE	1	NE	2	7	Ci.	Cu.	9	Ci.-S.	Cu.-N. SE
10	NE	1	ENE	2	SSE	3	SSE	3	Calm	----	NE	1	6	Ci.	Cu. SE	9	Ci.-S.	Cu.-N. SE
11	NE	2	ENE	1	SW	1	SW	1	NE	1	NE	1	9	Ci.-S.	S.-Cu. SE	8	Ci.-S.	Cu.-N. SE
12	Calm	----	NE	1	NE	1	S	3	Calm	----	Calm	----	9	Ci.-S. E	Cu. SE	10	Ci.-S.	N. E
13	NE	2	NE	2	NNE	2	Calm	----	Calm	----	NE	1	4	Ci.	----------	10	Ci.-S.	N. SE
14	NE	2	NE	2	Calm	----	NE	2	Calm	----	NE	1	10	A.-S.	S. SE	10	Ci.-S.	N. E
15	NE	2	NE	1	NE	1	SW	1	Calm	----	NE	1	8	Ci.-S.	Cu.-N.	10	Ci.-S.	N.
16	Calm	----	NE	1	SW	1	SW	1	NE	1	NE	1	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. SE
17	NE	1	NE	2	ENE	2	NE	2	SE	2	Calm	----	9	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. SE
18	NE	2	NE	2	NE	2	NE	3	NE	2	NE	1	5	Ci.	Cu.	7	Ci.-S.	Cu. SE
19	NE	1	NE	2	NE	3	NE	3	NNE	3	NE	3	6	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. SE
20	NE	1	NE	1	NE	3	NE	3	NE	3	NE	3	7	Ci.	Cu.	6	Ci.	Cu. E
21	Calm	----	NE	1	NE	3	NE	3	ENE	2	Calm	----	10	Ci.-S.	S.-Cu. E	6	Ci.	Cu. E
22	Calm	----	Calm	----	NE	2	NNE	1	ENE	2	Calm	----	8	A.-Cu.	Cu.	9	Ci.-S.	Cu.-N. NE
23	E	2	Calm	----	NNW	2	NW	3	NW	8	NNW	7	10	Ci.-S.	N.	10	Ci.-S.	N. NE
24	NE	7	SE	8	SE	4	W	2	SSE	1	ESE	3	10	Ci.-S.	N. ESE	10	Ci.-S.	N. SW
25	ENE	1	W	3	S	1	SE	2	NE	1	NE	1	10	Ci.-S.	N.	10	Ci.-S.	N. SW
26	E	1	NE	1	E	2	ENE	2	NE	2	NE	1	2	Ci.	----------	6	Ci.	Cu. SW
27	NE	1	Calm	----	Calm	----	WSW	3	WSW	2	W	3	9	Ci.-S.	Cu.	9	Ci.-S.	Cu. SW
28	WNW	1	W	1	SW	2	WSW	3	WSW	3	WSW	4	10	Ci.-S.	Cu.-N. W	8	Ci.-S.	Cu. SW
29	W	4	NW	4	W	5	WSW	7	SW	7	SW	6	10	Ci.-S.	Cu.-N. NW	10	Ci.-S.	Cu.-N. WNW
30	SW	6	SW	4	SW	4	SW	3	SW	3	SE	1	10	Ci.-S.	S.-Cu. SW	9	Ci.-S.	Cu.-N. SW
31	WSW	2	E	1	Calm	----	Calm	----	E	1	NE	1	9	Ci.-S.	Cu.-N.	10	Ci.-S.	N.
Mean	------	1.6	------	1.7	------	1.9	------	2.2	------	1.6	------	1.5	7.8	----------	----------	8.3	----------	----------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

NOVEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.81	58.28	58.79	56.59	57.50	59.26	57.87	22.3	22.3	30	28.9	27.1	26.1	26.1	30	22.2	94	93	71	71	83	89	83.5	3.8
2	58.32	58.26	58.99	56.71	57.71	58.37	58.06	25.1	24.7	29.9	29.6	25	24.5	26.5	31	24.3	94	94	68	67	92	96	85.2	3.8
3	56.44	55.26	54.54	49.23	48.25	52.37	52.68	24.3	24.5	24	26	25	24.7	24.8	26.2	23.8	92	96	93	85	93	92	91.8	30.2
4	52.53	56.24	57.71	55.64	57.34	59.31	56.46	25.2	25.8	26.7	30.3	27.6	26	26.9	30.4	23.9	90	87	86	71	87	85	84.3	------
5	58.06	59.10	59.32	57.20	58.14	59.56	58.56	23.4	23.7	30.1	32	29.6	26.4	27.5	32.3	23.4	95	94	73	66	74	89	81.8	------
6	58.31	58.53	58.45	56.46	57.54	58.61	57.98	24.6	25	26.6	30	26.8	25.3	26.4	30.3	24	95	95	87	65	86	89	86.2	.5
7	58.29	57.87	58.49	56.32	57.59	58.19	57.79	23.8	23.3	29.2	31	26.9	25	26.5	31.8	23.3	93	94	76	65	77	92	82.8	------
8	57.72	58.40	59	57.02	57.88	58.65	58.11	23.9	23	29.5	31.3	27.8	26	26.9	31.5	23	89	95	70	70	79	88	81.8	.8
9	57.42	59.17?	58.91	56.47	57.67	58.15	57.96	24.9	24.2	27.5	30.3	28	24.8	26.6	31	24.2	92	97	81	63	77	90	83.3	2
10	56.44	57.16	57.24	54.13	52.89	52.81	55.11	24	23.3	24.8	24.5	24.2	24	24.1	25	23.3	93	96	93	87	90	93	92	106
11	53.18	56.17	57.59	55.93	57.33	57.65	56.31	24.3	24.2	26.2	29	27	26	26.1	29.2	23.3	96	93	86	78	86	92	88.5	1.3
12	56.14	57.71	58.76	56.89	58.20	59.52	57.87	26.3	24.5	27.7	28.7	27.7	24.8	26.6	29	24.2	90	94	79	73	79	92	84.5	------
13	58.16	59.31	59.27	57.12	58.64	60.15	58.78	23.9	23.2	29	30.3	26.7	24.5	26.3	31	23	92	95	71	70	85	87	83.3	7.9
14	58.88	59.89	60.07	57.87	60.12	60.59	59.57	24	23.8	29	30.8	27.4	25	26.7	31	23.7	91	92	71	62	81	92	81.5	1
15	59.69	60.14	60.94	58.37	58.94	59.64	59.62	24.2	23.8	29	29.3	26.8	25	26.4	30.3	23.7	93	93	71	70	86	92	84.2	------
16	59.40	59.49	60.04	57.61	58.47	59.48	59.08	24.3	23.7	29.8	30.9	27.5	25	26.9	31.6	23.5	96	94	63	60	78	92	80.5	------
17	58.25	58.29	59.17	57.65	58.51	59.54	58.57	24	23.4	29	27.8	26.5	23.8	25.8	29.4	23.2	93	97	75	75	86	91	86.2	------
18	59.11	59.74	60.78	59.04	59.82	61.13	59.94	23.4	22.8	27.7	30	26.4	24.6	25.8	30.1	22.5	95	93	72	65	82	87	82.3	------
19	60.24	60.39	61.33	59.12	59.79	61.05	60.32	23.2	22.8	26	29.3	26	25.9	25.5	30	22.2	95	93	92	70	85	85	86.7	1.3
20	60.08	59.72	60.69	58.33	58.94	59.59	59.56	23.9	24.3	28.4	30.2	26.3	25.3	26.4	30.7	23.5	92	92	75	70	86	89	84	5.1
21	59.16	59.06	60.22	57.94	58.67	59.49	59.09	23.6	23	26.9	25	25.8	24.7	24.8	27	23	93	96	77	92	85	86	88.2	18
22	58.14	58.30	58.90	56.83	57.99	59.12	58.21	23.4	23.8	28.7	28	25	23	25.3	29.2	23	95	93	77	77	92	95	88.2	7.1
23	57.92	58.31	58.51	56.23	57.58	58.31	57.81	23.3	23.2	28.2	28.2	26.2	24.8	25.6	29.4	23	95	95	73	76	82	88	84.8	------
24	56.82	57.31	57.55	55.72	56.71	57.04	56.86	23.8	22.8	28.9	29.4	25.8	24.8	25.9	30.6	22.8	93	93	71	72	85	89	83.8	------
25	55.84	56.67	56.99	54.37	55.82	56.38	56.01	24.2	24	29.8	28.5	26	24.9	26.2	31*	23.9	91	93	75	74	88	88	84.8	------
26	55	55.39	56.18	54.27	55.79	56.86	55.58	24.8	24	29.9	30.1	25.2	24.6	26.4	30.2	24	88	93	65	71	90	87	82.3	4.5
27	56.12	56.86	57.37	55.17	55.79	57.33	56.44	24	23	28	27.2	26.3	24.9	25.6	30	23	93	93	77	83	90	92	88	1.3
28	56.36	57.20	58.14	56.29	56.66	58.01	57.11	24.5	23.5	28.4	28.7	25.8	25	26	29	23.3	94	96	76	75	88	90	86.5	1
29	57.29	57.77	58.54	56.56	57.62	58.76	57.76	24	23.3	30	31.1	26.4	25	26.6	31.3	23.3	93	96	71	65	89	92	84.3	------
30	58.04	58.99	59.58	57.73	59.15	59.16	58.78	24.3	24.2	28.2	29.2	25.3	25	26	29.7	24	97	97	76	70	91	92	87.2	------
Mean	57.47	58.17	58.74	56.49	57.44	58.47	57.80	24.1	23.7	28.2	29.2	26.5	25	26.1	30	23.4	93.1	94.1	76.4	71.9	85.1	90	85.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	195.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	NE	1	NE	1	E	2	NE	1	NE	1	NNE	3	9	Ci.-S. SE	Cu.	9	Ci.-S.	Cu.-N. SE
2	NE	2	Calm	----	NE	3	NNE	3	N	1	NE	1	7	Ci.	Cu. SE	7	Ci.-S.	Cu. SE
3	N	2	NW	1	SE	1	WNW	4	SW	7	SSW	6	10	Ci.-S. ENE	S. NE	10	Ci.-S.	N. NW
4	SSE	4	SSW	5	SW	2	SE	2	Calm	----	NE	1	10	Ci.-S.	N. SW	8	Ci.-S.	Cu.-N. SW
5	Calm	----	Calm	----	W	1	S	2	E	3	NE	1	6	Ci.	Cu.	7	Ci.	Cu. SE
6	NE	1	NE	1	Calm	----	ENE	3	NE	3	NNE	2	8	Ci.-S.	Cu.-N. SE	10	Ci.-S.	Cu.-N. E
7	E	1	ENE	1	NE	3	NE	4	NNE	3	NNE	2	2	Ci.	-----	7	Ci.	Cu. E
8	NE	1	E	1	NE	3	NE	3	NE	2	NE	2	5	Ci.	Cu.	6	Ci.-S.	Cu.
9	Calm	----	E	1	NE	3	NE	2	NE	1	NE	1	10	Ci.-S.	N. E	6	Ci.	Cu. E
10	NNE	1	NE	2	E	1	E	1	NNW	3	WSW	3	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	N.
11	S	3	E	1	Calm	----	SE	3	N	1	SE	1	9	Ci.-S. WSW	Cu.-N. SW	10	Ci.-S.	Cu.-N. SW
12	S	3	Calm	----	W	1	NNE	3	E	1	NE	1	9	Ci.-S.	Cu. SW	10	Ci.-S.	S.-Cu. SE
13	Calm	----	Calm	----	NNE	3	NE	3	NE	1	E	1	2	Ci.	-----	9	Ci.-S.	Cu.-N. SE
14	Calm	----	Calm	----	NE	3	NE	4	NE	2	NE	3	8	Ci.-S. E	Cu.-N.	7	Ci.-S.	Cu. SE
15	NE	2	Calm	----	NE	3	NE	3	NE	2	NE	2	6	Ci.	Cu. E	8	Ci.-S. ENE	Cu.-N. E
16	N	1	NE	1	NNE	3	NE	3	NNE	3	NNE	1	5	Ci.	Cu.	6	Ci.	Cu. E
17	N	1	NE	1	NE	3	NE	3	NE	1	NNE	1	8	Ci.-S. NNE	Cu. E	10	Ci.-S.	Cu.-N. E
18	NE	3	NE	2	ENE	3	NE	4	NE	3	NE	3	5	Ci.	Cu. E	7	Ci.-S.	Cu. E
19	NE	2	NE	1	NNE	1	ENE	4	ENE	4	ENE	3	10	Ci.-S.	N. ENE	5	Ci.	Cu. ENE
20	NE	4	NE	4	ENE	4	ENE	5	NE	4	ENE	4	8	Ci.-S. E	S.-Cu. NE	6	Ci.	Cu. E
21	NE	2	NE	3	ENE	3	NE	3	NE	2	NE	3	8	Ci.-S. ENE	Cu. E	8	Ci.-S.	Cu.-N. E
22	NNE	2	NNE	2	NE	4	NE	4	NE	4	E	1	10	Ci.-S.	N. E	7	Ci.	Cu. ENE
23	NE	3	NE	1	NE	4	NE	3	NNE	2	NE	1	10	Ci.-S.	N. ENE	6	Ci.	Cu. E
24	NNE	1	N	1	ENE	3	ENE	3	ENE	2	NE	3	9	Ci.-S.	S.-Cu. ENE	6	Ci.	Cu. ENE
25	NNE	1	NE	1	NE	3	NE	2	NE	1	SE	1	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. ENE
26	Calm	----	Calm	----	ENE	2	ENE	2	NE	2	NE	1	5	Ci.	Cu.	9	Ci.-S.	Cu.-N. E
27	NE	1	E	1	E	1	SE	1	NE	1	NE	1	9	Ci.-S.	S.-Cu. E	9	Ci.-S.	N. SE
28	NNE	2	NE	1	NE	3	NE	3	NNE	3	NNE	1	4	Ci.-S.	-----	10	Ci.-S.	N. SE
29	Calm	----	Calm	----	NE	3	NE	3	NE	3	E	1	3	Ci.	-----	6	Ci.	Cu. SE
30	NE	2	NE	1	NE	3	ENE	3	NE	3	NE	4	9	Ci.-S. E	Cu. SE	7	Ci.	Cu. SE
Mean	-------	1.5	-------	1.1	-------	2.4	-------	2.9	-------	2.3	-------	2	7.3	-------	-------	7.8	-------	-------

AMBULONG, TANAUAN.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, −1.74 mm.]

DECEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.14	58.74	59.89	58.06	59.19	60.22	59.04	25	24.2	27.1	26.3	23.9	23.5	25	28.7	23.3	93	95	76	86	94	96	90	43.9
2	58.81	59.52	60.69	58.71	58.86	59.66	59.38	23.2	23	23	23.2	23	23.2	23.1	24	22.9	97	97	97	97	96	93	96.2	48.6
3	58.22	58.60	59.52	58.01	58.01	59.11	58.58	23.2	23.3	25.9	24.2	24	23.7	24	26	23	95	96	85	93	93	92	92.3	------
4	58.25	58.55	59.95	57.74	58.61	59.39	58.75	23.9	23.7	27.2	28.9	26	23.6	25.6	29	23.5	94	94	83	66	85	93	85.8	------
5	57.61	57.88	59.11	56.94	57.61	58.33	57.91	23	22.9	25.7	26.9	24.8	21	24	27	20.4	96	92	86	85	85	95	89.8	------
6	57.26	56.28	57.16	54.06	53.94	53.21	55.32	19.9	19.8	25.7	27	25	25	23.7	27.2	19.1	90	91	80	84	92	92	88.2	------
7	50.23	48.04	45.22	39.03	41.87	45.70	45.02	23.2	23	23.5	23.8	24	25.3	23.8	25.4	22.7	93	94	94	92	93	89	92.5	143.5
8	47.48	51.03	53.56	52.73	53.42	54.81	52.17	24.7	24.1	25	25.7	24.8	24.5	24.8	26	22.9?	92	92	92	86	87	92	90.2	3.8
9	54.04	56.16	56.71	54.66	56.46	57.28	55.88	24.7	24.2	26.7	30.2	26.8	23.5	26	30.4	22.8	92	97	86	70	86	94	87.5	------
10	56.48	57.51	58.11	56.38	57.21	57.94	57.27	22.8	22.6	28.4	30	26.8	25	25.9	30.3	22.3	95	95	75	65	86	92	84.7	------
11	57.01	56.98	58.07	55.59	56.32	57.75	56.95	24	22.5	26.3	29	28.5	25	25.9	29.9	22.5	93	96	82	72	74	92	84.8	7.7
12	56.66	57.05	57.61	55.02	56.09	57.44	56.64	24.2	24	28.4	30.4	26.2	23.7	26.2	30.9	23.3	90	91	75	69	84	92	83.5	------
13	56.37	56.54	57.50	54.61	55.57	57.47	56.34	22.5	22.2	28	32.2	28.2	24.7	26.3	32.5	22.1	94	95	85	64	76	89	83.8	------
14	56.31	56.70	57.95	55.36	56.13	57.28	56.62	23.5	23	28	30.4	27.2	25.3	26.2	31.2	22.9	96	95	85	63	78	89	84.3	------
15	56.39	57.62	58.66	56.14	57.10	58.69	57.43	25	24.6	26.7	29.8	26.7	25.2	26.3	30	24.4	92	93	90	66	79	90	85	6.6
16	57.57	58.41	59.34	57.13	57.49	59.36	58.22	24	22.9	28.8	31.6	26.8	25	26.5	31.7	22.7	93	92	72	62	80	85	80.7	------
17	58.35	59	59.57	57.09	57.52	59.14	58.44	22.7	22.7	29.2	32	28.9	25.4	26.8	32.1	22.4	94	94	70	61	71	85	79.2	3
18	58.29	59.02	60.15	58.63	59.14	60.49	59.29	25.3	24.2	24.8	26.2	24.3	23.8	24.8	26.3	23.6	89	95	89	85	89	93	90	6.4
19	59.71	59.88	60.93	59.12	59.55	60.51	59.95	23.3	23.2	24.7	26.6	24.2	23.3	24.2	27.2	23	94	93	89	86	90	96	91.3	------
20	60.16	60.24	61.63	59.49	60.07	61.15	60.46	23.2	23.2	25.3	26.8	24.2	23.9	24.4	27.8	22.7	95	94	89	78	90	91	89.5	1.3
21	59.92	60.50	61.97	59.47	59.59	60.99	60.41	24	24.2	28	27.8	24.9	24.3	25.5	29	24	91	90	68	71	86	81	81.2	------
22	59.46	59.99	60.88	58.95	59.23	60.15	59.78	24.8	23.9	27.7	27.3	25.3	24.6	25.6	28.4	23.5	85	89	72	75	89	87	82.8	------
23	59.16	59.71	61	59.11	59.92	61.08	60	23.9	23.4	27.2	28	24.8	24.2	25.2	28.3	23.2	92	95	83	77	85	86	86.3	------
24	59.58	60.24	61.02	59.26	59.82	60.25	60.03	24	23	25.8	27.2	25.3	24.3	24.9	28.2	22.9	93	95	84	79	89	89	88.2	------
25	59.26	59.20	60.28	57.99	59.48	59.84	59.34	24.2	23.7	26.4	29.5	26.3	25	25.8	29.7	23.5	95	94	81	68	85	92	85.8	------
26	59.04	59.21	59.75	57.92	58.73	59.38	59	24.9	24.3	26.8	29.7	26.7	24.8	26.2	30	24.2	84	89	77	67	80	85	80.3	------
27	58.25	58.39	58.52	55.87	56.79	57.36	57.53	24	23.5	29.7	30	26.3	24.8	26.4	31	23	93	96	69	65	85	85	82.2	------
28	56.34	57.14	57.80	55.07	56.18	57.35	56.65	24	23.7	29.8	32.3	27.8	24.7	27	32.5	23.5	94	94	66	59	79	87	79.8	------
29	56.26	56.94	57.37	55.41	57.03	58.69	56.95	23.2	23.9	29.8	31.8	29.2	25.2	27.2	32.4	23	93	92	66	61	71	90	78.8	------
30	57.39	58.30	59.10	57.02	58.12	59.27	58.20	24.2	24.2	29.6	32	27.5	26.2	27.3	32.3	23.9	93	94	69	61	75	89	80.2	------
31	58.45	59.42	59.97	57.67	58.25	59.03	58.80	24.2	24	28.4	29.8	26.3	25.3	26.3	30.7	23.6	90	93	75	70	82	88	83	------
Mean	57.30	57.83	58.68	56.39	57.20	58.33	57.62	23.8	23.4	27	28.6	26	24.4	25.5	29.2	22.9	92.6	93.6	80.3	73.6	84.3	90	85.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	264.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	2	NE	3	NE	4	NE	3	NE	3	NE	3	10	Ci.-S. NE	N. E	9	Ci.-S.	Cu.-N. E
2	NE	1	NE	2	NNE	1	NE	3	NE	3	NE	3	10	Ci.-S. ENE	N. E	10	Ci.-S.	N. ENE
3	NE	3	NE	3	NE	3	NE	4	NE	3	NE	3	10	Ci.-S.	S. E	10	Ci.-S.	N. E
4	NE	3	NE	3	ENE	3	ENE	4	NE	3	NE	1	5	Ci.	Cu.	7	Ci.	Cu. E
5	Calm	----	N	1	N	2	NE	3	ENE	1	NE	1	8	Ci.-S.	Cu. E	9	Ci.-S.	Cu. E
6	NE	2	NE	2	NNE	1	NE	1	Calm	----	NW	2	5	Ci.	Cu.	10	Ci.-S.	S. NNE
7	WNW	3	NW	5	NW	7	NW	8	SE	7	SE	7	10	Ci.-S.	S. NNE	10	Ci.-S.	N. NNE
8	SE	5	SE	3	SE	4	SE	3	Calm	----	NNE	1	10	Ci.-S.	N. SSE	10	Ci.-S.	N. SSW
9	SE	2	Calm	----	W	1	NE	1	NW	1	NE	1	9	Ci.-S.	S.-Cu. SSW	7	Ci.-S.	Cu. SSW
10	E	1	E	1	SW	2	NE	3	NNE	2	NE	1	6	Ci.	Cu. SW	9	Ci.-S.	Cu.-N. SW
11	NNE	1	Calm	----	NE	2	NE	3	Calm	----	Calm	----	9	Ci.-S. E	S.-Cu. SE	7	Ci.-S.	Cu. SE
12	Calm	----	Calm	----	S	1	S	2	W	1	NE	1	9	Ci.-S. ESE	Cu.-N.	8	Ci.-S.	Cu.-N. SE
13	NE	1	NE	1	SW	2	SW	1	S	1	E	1	6	Ci.	Cu. SE	6	Ci.	Cu. SE
14	Calm	----	NE	1	SW	2	NNE	2	NE	3	E	1	8	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu. SE
15	NE	2	NE	2	NE	2	ESE	3	Calm	----	Calm	----	9	Ci.-S. NE	S.-Cu.	10	Ci.-S.	S.-Cu. ENE
16	Calm	----	Calm	----	NE	1	NNE	2	NNE	2	NNE	3	10	Ci.-S.	Cu.-N. E	5	Ci.	Cu. E
17	E	1	NE	2	NNE	2	ENE	2	ENE	1	ENE	1	4	Ci.	------	6	Ci.	Cu. E
18	ENE	1	NE	1	NE	3	ENE	4	E	3	ENE	4	10	Ci.-S.	Cu.-N. E	10	A.-S. ENE	S.-Cu. E
19	ENE	4	ENE	4	NE	4	ENE	4	NE	3	NE	3	8	Ci.-S. NE	S.-Cu. E	8	Ci.-S.	Cu. E
20	NE	3	NE	3	NE	3	ENE	4	NE	4	NE	4	10	Ci.-S.	N. E	8	Ci.-S.	Cu. E
21	NE	4	ENE	3	ENE	3	NE	4	NE	3	NE	2	7	Ci.	Cu. E	7	Ci.	Cu. E
22	NE	3	ENE	1	NE	4	ENE	4	NE	4	NE	3	8	A.-Cu. E	Cu. SE	8	Ci.-S.	Cu. SE
23	NE	3	NE	3	NE	4	NE	4	NE	2	NE	4	8	Ci.-S.	Cu. SE	9	Ci.-S.	Cu.-N. ESE
24	NE	3	ENE	3	ENE	4	NE	3	NE	3	NE	3	9	Ci.-S.	Cu.-N.	10	A.-S.	S.-Cu. E
25	NE	3	NE	3	ENE	3	NE	4	NE	4	NE	4	7	Ci.	Cu. E	7	Ci.	Cu. E
26	NE	3	NE	2	NE	3	ENE	4	NE	2	E	1	9	Ci.-S.	Cu. E	10	Ci.-S.	Cu.-N. E
27	Calm	----	NE	1	NE	2	NE	3	E	2	NE	1	7	Ci.	Cu. E	8	Ci.-S.	Cu. E
28	Calm	----	E	1	NE	2	NNE	2	NE	2	Calm	----	10	Ci.-S.	Cu.-N. ENE	7	Ci.	Cu.
29	Calm	----	E	1	E	2	NE?	1	NE	1	E	1	5	Ci.	Cu.	8	Ci.-S.	Cu. ESE
30	NE	1	E	1	NE	3	NE	3	NE	3	NE	2	3	Ci.	------	6	Ci.	Cu. E
31	Calm	----	Calm	----	NE	3	ENE	3	E	1	NE	1	3	Ci.	------	10	Ci.-S.	Cu.-N. E
Mean	------	1.8	------	1.8	------	2.7	------	3.1	------	2.2	------	2	7.8	------	------	8.3	------	------

PARACALE.

[$\phi=14°$ 17′ N ; $\lambda=122°$ 47′ E ; barometer above sea, 5.3 meters ; gravity correction not applied, −1.73 mm.]

JANUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maxi-mum.	Mini-mum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.43	61.50	62.44	60.53	60.98	61.84	61.45	22	24	28.5	29	26	22.9	25.4	30	21.7	96	86	67	62	80	94	80.8	------
2	61.78	61.96	62.92	60.87	61.19	61.71	61.74	22.6	22.9	27.3	26.5	24	23.9	24.5	28.6	22	95	94	78	82	96	96	90.2	21.4
3	60.93	61.78	62.83	61.21	62.44	63.13	62.05	24.5	23.5	28.2	28.5	26.6	26.1	26.2	29.2	23.5	94	96	73	69	78	79	81.5	6.1
4	62.03	62.58	63.54	61.88	62.56	63.04	62.60	25.5	24.8	27.1	25.3	26	26	25.8	29	24.1	78	81	72	91	80	87	81.5	64.2
5	62.23	62.40	62.94	60.72	61.63	62.22	62.02	23.6	24.5	26.5	28	26.6	25.4	25.8	29	23.6	95	94	90	81	87	97	90.7	6
6	61.52	62.23	62.34	60.05	60.67	61.11	61.32	24	24	28.5	28.5	26.5	25	26.1	30	23.4	97	97	78	78	88	96	89	------
7	60.18	61.50	61.41	59.12	60	60.96	60.53	23.6	22.8	29	29.7	26.8	24.2	26	30.4	22.7	95	97	71	72	85	94	85.7	------
8	60	60.92	61.92	60.63	61.09	61.62	61.03	23.6	22.4	25	24	25.3	25.2	24.2	27	22.4	93	96	95	93	85	92	92.3	84.6
9	60.78	61.79	63.07	61.07	61.99	63.18	61.98	24.6	24	26	25.6	26	26	25.4	26.3	23.6	95	95	84	87	77	78	86	6.3
10	62.13	62.59	63.94	61.77	62.41	63.26	62.68	25.9	23.8	27.8	27.3	26.4	25.8	26.2	29	23.5	78	93	74	73	78	81	79.5	------
11	61.98	62.79	63.73	61.71	62.32	62.67	62.53	25.2	22.7	28.6	29.4	25.9	23	25.8	29.8	22.6	82	97	70	68	84	97	83	------
12	61.58	62.53	63.21	61.81	62.58	63.82	62.59	22.6	21.1	27.9	28.5	25.4	23	24.8	29	21.1	97	98	68	67	78	89	82.8	------
13	63.04	63.44	64.47	62.84	63.71	64.84	63.72	24	24	26.5	29	26.5	25.9	26	29	22.3	83	83	80	68	76	77	77.8	------
14	63.54	64.09	65.25	63.38	63.54	64.26	64.01	24	25.9	28.3	28	26.5	25.5	26.4	29.4	23	85	73	67	67	71	74	72.8	------
15	64.17	64.56	65.84	63.86	63.86	65.06	64.56	25.1	24.9	27.9	28.8	25.4	25.5	26.3	28.8	24.5	75	72	60	62	73	76	69.7	------
16	64.34	65.06	66.01	64.15	64.97	65.55	65.01	25	25	27.5	28.5	25.7	25.5	26.2	29	24.6	74	72	65	60	72	71	69	------
17	64.80	65.37	66.06	64.02	64.72	65.14	65.02	25.1	25.3	28	28.5	25.7	25.4	26.3	29	24.7	73	73	64	67	78	73	71.3	-----
18	64.28	64.60	65.81	63.83	64.02	64.42	64.49	25	25.2	28.8	28	26.1	25.6	26.4	29.5	24.9	76	74	65	70	78	79	73.7	------
19	62.83	63.48	63.97	61.73	62.32	63.18	62.92	24.2	24.4	27.8	29.4	25.6	22.8	25.7	29.5	21.9	82	80	68	64	79	94	77.8	------
20	61.98	62.30	62.01	60.51	61.17	62.16	61.69	21.2	21.1	28	24.8	25.8	25.4	24.4	29.2	20.5	96	95	76	88	82	88	87.5	20.8
21	61.48	62.10	62.83	60.97	61.58	62.73	61.95	23.5	22.9	27.8	28.5	25.9	24.6	25.5	29	22.9	96	97	76	70	83	91	85.5	7.6
22	61.63	62.55	63.51	61.24	62.24	62.96	62.36	23.6	23.7	26	27.2	25.3	25.1	25.2	28	23.2	97	97	92	83	90	93	92	25.7
23	61.53	62.53	63.22	61.21	61.78	62.62	62.15	23.3	22.3	27	28.3	25	24.9	25.1	29	22.1	96	97	80	78	87	88	87.7	17.5
24	61.60	62.22	62.73	60.84	61.70	62.85	61.99	23.5	23	24.2	25.1	25.4	25.5	24.4	26	22.5	96	96	94	88	80	80	89	28.9
25	61.68	62.68	63.85	61.74	62.18	62.75	62.48	24.1	23.8	26.8	28.6	25	24.3	25.4	29	23	95	97	86	76	93	89	89.3	11.2
26	62.48	62.56	63.67	61.77	62.12	62.67	62.54	23.7	22	28	26.8	26	25.3	25.3	29	21.9	94	96	71	82	84	85	85.3	------
27	61.20	61.48	62.64	60.41	60.99	61.95	61.44	22.6	21.7	28.2	29.4	26.8	23.4	25.4	29.8	21.7	95	97	72	72	84	97	86.2	------
28	60.58	60.95	62.43	60.56	61.41	62.63	61.43	21.8	21.2	26	28	25.7	24	24.4	28.5	21	96	97	84	81	90	96	90.7	37
29	61.53	61.93	63.42	61.47	61.36	62.19	61.98	23.4	22.4	25	27.2	25.6	25.1	24.8	28.3	22.3	97	97	93	83	85	87	90.3	18.3
30	61.50	61.60	62.79	61.57	62.19	63.37	62.17	23.8	23.2	26.5	26.6	24.9	25.4	25.1	28	23	93	97	82	80	92	81	87.5	7.1
31	62.08	62.58	63.34	61.77	61.73	62.66	62.36	25.2	25	28.2	28	26.7	24.9	26.3	29	24	82	83	74	77	79	91	81	------
Mean	62.03	62.60	63.49	61.59	62.18	62.99	62.48	23.9	23.5	27.3	27.7	25.8	24.9	25.5	28.8	22.8	89.5	90.2	76.4	75.5	82.3	86.8	83.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	362.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	ENE	ENE	Calm	Calm	10.5	41.6	35.6	7.8	95.5	5	Ci.	Cu. NE	4	Ci.	Cu. NE
2	Calm	Calm	ENE	ENE	Calm	Calm	9.5	51.3	42.6	18	121.4	8	Ci.	Cu. NE	10	Ci.-S.	S.-Cu. NE
3	ENE	Calm	ENE	ENE	ENE	ENE	50.5	48.1	56.9	71.8	227.3	10	Ci.-S.	S.-Cu. ENE	4	Ci.	Cu. NE
4	ENE	ENE	ENE	ENE	ENE	ENE	70.3	67.1	52.3	47.5	237.2	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
5	ENE	ENE	ENE	ENE	ENE	Calm	41	38.4	42.6	13.2	135.2	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
6	Calm	Calm	ENE	ENE	Calm	Calm	4.5	33.2	31.6	1.9	71.2	10	Ci.-S.	Cu. E	3	Ci.	Cu. E
7	Calm	Calm	Calm	ENE	Calm	Calm	3.2	18.3	31.4	2.7	55.6	5	Ci.	Cu.	4	Ci.	Cu. E
8	Calm	Calm	ENE	ENE	NNE	NNE	7.2	54.9	54.9	43.7	160.7	5	Ci.	Cu.	10	Ci.-S.	S.-Cu. NNE
9	ENE	ENE	ENE	ENE	ENE	ENE	85.8	105.4	96	70.2	357.4	10	------------	N. ENE	10	Ci.-S.	S.-Cu. ENE
10	ENE	ENE	ENE	ENE	ENE	Calm	58.1	66.3	56	35.7	216.1	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
11	Calm	Calm	ENE	ENE	Calm	Calm	14.7	26	43.1	8.5	92.3	4	Ci.	Cu. ENE	2	Ci.	Cu.
12	Calm	Calm	ENE	ENE	Calm	Calm	2.9	29.5	44	8	84.4	1	Ci.	Cu. NE	2	Ci.	Cu. ENE
13	Calm	Calm	ENE	ENE	ENE	ENE	24.1	47.2	70.6	76.6	218.5	10	Ci.	Cu. ENE	3	Ci.	Cu. ENE
14	ENE	ENE	ENE	ENE	ENE	ENE	90.7	88.5	93.3	90.9	363.4	5	Ci.	Cu. ENE	4	Ci.	Cu. ENE
15	ENE	ENE	ENE	ENE	ENE	ENE	88.5	90.3	77.9	87.1	343.8	6	Ci.	Cu. ENE	5	Ci.	Cu. ENE
16	ENE	ENE	ENE	ENE	ENE	ENE	77.9	87.2	70.3	71.9	307.3	6	Ci.	Cu. ENE	6	Ci.	Cu. ENE
17	ENE	ENE	ENE	ENE	ENE	ENE	74.6	78.1	67.6	59.5	279.8	8	Ci.	Cu. ENE	4	Ci.	Cu. ENE
18	ENE	ENE	ENE	ENE	ENE	ENE	54.7	61.8	61	41.6	219.1	4	Ci.	Cu. ENE	6	Ci.	Cu. ENE
19	Calm	Calm	ENE	ENE	Calm	Calm	31.7	45.3	41.2	4.2	122.4	6	Ci.	Cu. ENE	1	Ci.	Cu. ENE
20	Calm	Calm	ENE	ENE	ENE	Calm	5.6	20.9	28.4	32.4	87.3	6	Ci.	Cu. ENE	10	Ci.-S.	Cu. E
21	ENE	Calm	ENE	ENE	Calm	Calm	19.3	30.9	40.2	8.7	99.1	10	Ci.-S.	Cu. ENE	2	Ci.	Cu. ENE
22	Calm	Calm	ENE	ENE	Calm	ENE	6.7	32.4	48.1	28	115.2	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
23	Calm	Calm	Calm	ENE	ENE	ENE	20.3	20.6	51.7	53.1	145.7	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. ENE
24	ENE	ENE	ENE	ENE	ENE	ENE	61.5	52.6	67.6	51.8	233.5	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. ENE
25	ENE	ENE	Calm	ENE	Calm	Calm	42.4	31.4	50.4	24.4	148.6	10	Ci.-S.	N. ENE	2	Ci.	Cu.
26	Calm	Calm	ENE	ENE	ENE	Calm	6.4	28	49.4	30.9	114.7	2	Ci.	Cu. E	8	Ci.-S.	Cu. E
27	Calm	Calm	ENE	ENE	Calm	Calm	7	27.9	42.6	4.5	82	2	Ci.	Cu. E	2	Ci.	Cu. E
28	Calm	Calm	NE	NE	Calm	Calm	4.5	17.2	40.2	19.1	81	3	Ci.	Cu.	6	Ci.	Cu. NE
29	ENE	Calm	ENE	Calm	ENE	ENE	12.1	23.1	39.4	41.2	115.8	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. ENE
30	ENE	ENE	ENE	ENE	ENE	ENE	46.4	69.4	72.1	52.6	240.5	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
31	ENE	ENE	ENE	ENE	Calm	Calm	42.3	42.8	43.7	12.1	140.9	10	Ci.-S.	S.-Cu. ENE	4	Ci.	Cu. ENE
Mean	------	------	------	------	------	------	34.7	47.6	53	36.1	171.4	7.3	------------	------------	6.2	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	5,312.9	---	------------	------------	---	------------	------------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

FEBRUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.45	62.53	63.32	61.56	62.17	62.83	62.48	22.3	21.3	28.8	29	26.4	25.6	25.6	30.5	21	97	97	65	75	84	85	83.8	------
2	61.57	61.58	62.66	60.61	60.41	61.07	61.32	22.8	21.3	28.8	29	25.6	23.6	25.2	29.7	21	93	97	65	74	87	95	85.2	------
3	60.35	60.60	61.84	59.87	60.47	61.17	60.72	21.5	19.9	27.7	28.9	25.3	22	24.2	29.1	19.9	95	98	65	71	89	96	85.7	------
4	60.43	60.89	61.70	59.83	60.73	61.65	60.87	20.4	18.8	27.8	29.2	25.8	22.5	24.1	29.5	18.8	96	98	71	72	85	96	86.3	------
5	60.78	62.12	62.88	60.64	61.31	62.27	61.67	20.6	19.6	26.8	29	24.8	22	23.8	29.4	19.5	96	98	77	71	89	96	87.8	------
6	61.38	61.68	62.48	60.36	60.91	61.56	61.40	20.8	20.2	28.7	28.6	26	24.9	24.9	29.8	20	96	96	73	73	80	88	84.3	0.3
7	60.90	61.18	62.34	60.40	60.83	61.98	61.27	25.4	23.5	28.5	29.5	26.5	23	26.1	30.1	22.2	88	96	68	70	84	97	83.8	------
8	60.98	61.65	63.19	60.91	61.31	62.34	61.73	21.2	20.3	28.7	29.7	26.8	26.3	25.5	30	20	96	97	73	71	82	82	83.5	------
9	61.78	62.15	63.56	61.53	61.26	61.97	62.04	24.2	22.6	27.5	28.1	26.8	26.1	25.9	29.4	22.5	90	97	78	70	78	87	83.3	4.3
10	60.88	61.74	62.86	60.38	60.43	60.93	61.20	26	22.9	27.3	29	26.4	25.7	26.2	29.6	22.9	85	98	82	75	85	90	85.8	2
11	59.60	60.39	61.77	59.63	60.22	61.41	60.50	23.5	22.3	28.5	29	25.4	24.9	25.6	30.1	22.2	96	97	75	78	91	92	88.2	6.6
12	60.58	60.70	61.73	60.21	60.28	61.42	60.82	24.4	23.9	27.6	28.1	26	26.3	26	30	23.4	94	96	83	80	91	88	88.7	------
13	60.79	61.18	62.43	60.98	60.82	61.61	61.30	26	23.4	28	29.5	26.4	25.1	26.4	30.2	23.2	84	97	81	75	81	85	83.8	------
14	60.68	61.48	63.34	61.66	62.51	63.69	62.23	23.4	24.9	29.3	29.5	25.4	23.4	26	30.4	23.3	88	82	71	65	84	88	79.7	------
15	62.70	63.34	64.34	62.66	62.71	63.76	63.25	21.5	21.3	28	28.5	26.5	25.4	25.2	30.1	20.3	95	96	77	74	80	81	83.8	------
16	62.90	63.23	64.08	61.86	62.32	62.94	62.89	22.7	21.7	28.9	30	26.4	25.3	25.8	30.4	21.5	96	97	68	69	76	81	81.2	------
17	61.73	62.25	63.86	61.35	61.21	62.03	62.07	22.4	21.4	27.5	29.6	26.6	22.9	25.1	30	21.3	96	96	74	72	80	96	85.7	------
18	61.20	62.03	63.57	61.41	62.02	63	62.20	20.9	19.9	27.4	29.4	25.1	21.4	24	30	19.9	96	97	74	69	86	96	86.3	------
19	61.95	62.89	63.90	61.86	61.81	62.62	62.50	20.2	19.5	28	29.7	26.3	22.3	24.3	30.3	19.5	96	97	72	67	90	97	86.5	------
20	61.45	62.05	63.16	61.36	61.96	63.10	62.18	20.4	19.4	28.5	29.5	25.6	22.5	24.3	30	19.4	96	98	70	70	82	96	85.3	------
21	61.79	62.71	63.28	61.35	61.87	62.87	62.31	21	19.9	28.4	30	26.8	25.9	25.3	30.2	19.9	96	98	70	70	78	81	82.2	1.3
22	61.72	62.30	63.84	61.66	62.16	62.93	62.44	24.1	23.6	28	29	24.5	24.1	25.6	30	22.5	91	92	79	72	91	93	86.3	------
23	62.30	62.52	63.63	61.66	61.64	62.74	62.42	24.4	24.1	27.8	29.5	26.3	26	26.4	30.5	23.8	91	94	80	72	89	86	85.3	.5
24	62.23	62.71	63.88	61.88	62.41	63.37	62.75	23.2	21.4	29.3	29.5	26.6	26.2	26	30.8	21.3	90	98	72	75	80	81	82.7	1.5
25	62.75	62.98	64.07	61.78	61.89	62.82	62.72	25.8	23.9	29.3	29	26.6	25.4	26.7	30.3	23.2	79	92	76	74	82	84	81.2	------
26	61.70	62.50	63.58	61.52	61.31	62.43	62.17	23.6	22.6	28	30	27	25.3	26.1	30.3	22	95	97	77	72	84	84	84.8	.5
27	61.40	61.71	63.03	60.97	61.15	62.07	61.72	23.6	21.3	28.6	30.3	26.8	24.5	25.8	30.6	21	90	97	73	71	81	92	84	------
28	61.98	62.60	64.06	61.70	61.46	62.86	62.44	22.3	23.2	29	29.4	26.8	25.7	26.1	30	22.3	96	95	74	70	78	84	82.8	------
Mean	61.46	61.99	63.16	61.13	61.41	62.34	61.91	22.8	21.7	28.2	29.3	26.1	24.4	25.4	30	21.4	92.8	96	73.7	72	83.8	89.2	84.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	17

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	Calm	ENE	Calm	Calm	5.8	22.2	46.9	33.6	108.5	2	Ci.	Cu.	2	Ci.	Cu.
2	Calm	Calm	ENE	ENE	Calm	Calm	3.8	24.3	45.3	4.6	78	2	Ci.	Cu.	1	Ci.	Cu. E
3	Calm	Calm	ENE	ENE	Calm	Calm	4.2	25.2	38.3	9.2	76.9	0	Ci.	Cu.	2	Ci.	Cu.
4	Calm	Calm	Calm	ENE	Calm	Calm	9.2	17.2	35.2	2.7	64.3	0	Ci.	Cu.	3	Ci.	Cu. E
5	Calm	Calm	Calm	ENE	Calm	Calm	6.1	21.2	38.9	5.4	71.6	1	Ci.	Cu. E	2	Ci.	Cu. E
6	Calm	Calm	ENE	ENE	Calm	Calm	5.8	26.2	41.6	10.3	83.9	1	Ci.	Cu.	5	Ci.	Cu. E
7	ENE	Calm	ENE	ENE	Calm	Calm	20.7	33.8	49.3	4.6	108.4	10	Ci.-S.	Cu. E	0	Ci.	Cu.
8	Calm	Calm	ENE	ENE	Calm	Calm	5.8	24.3	46.1	27.7	103.9	2	Ci.	Cu.	2	Ci.	Cu. E
9	Calm	Calm	E	E	ENE	ENE	6.1	36.7	38.6	41.3	122.7	3	Ci.	Cu. E	4	Ci.	Cu. E
10	ENE	Calm	ENE	ENE	ENE	Calm	30.9	24.1	44.9	18.3	118.2	6	Ci.	Cu. E	3	Ci.	Cu. E
11	Calm	Calm	ENE	ENE	Calm	Calm	4.6	28.5	54.7	11.1	98.9	3	Ci.	Cu. E	5	Ci.	Cu. E
12	Calm	Calm	ENE	ENE	Calm	ENE	8	24.3	46.2	27.2	105.7	5	Ci.	Cu. E	6	Ci.	Cu. E
13	ENE	Calm	ENE	ENE	ENE	Calm	19	35.9	55.7	30.8	141.4	3	Ci.	Cu.	5	Ci.	Cu. E
14	Calm	ENE	ENE	ENE	Calm	Calm	24.4	53.3	50.9	8	136.6	6	Ci.	Cu. ENE	1	Ci.	Cu.
15	Calm	Calm	ENE	ENE	ENE	Calm	5.8	49.6	60	25.7	141.1	7	Ci.	Cu. ENE	6	Ci.-S.	Cu. ENE
16	Calm	Calm	ENE	ENE	Calm	Calm	10.2	45.7	48.9	11.8	116.6	6	Ci.	Cu. ENE	2	Ci.	Cu. ENE
17	Calm	Calm	ENE	ENE	Calm	Calm	9.4	23.8	47.8	6.6	87.6	8	Ci.	Cu. E	2	Ci.	Cu. E
18	Calm	Calm	ENE	ENE	Calm	Calm	4.8	22.3	46.1	5.1	78.3	0	Ci.	Cu. E	1	Ci.	Cu. E
19	Calm	Calm	Calm	ENE	Calm	Calm	11.5	24.3	35.1	4.5	75.4	1	Ci.	Cu.	2	Ci.	Cu.
20	Calm	Calm	ENE	ENE	Calm	Calm	7	28.2	44.6	8.9	88.7	1	Ci.	Cu.	1	Ci.	Cu. E
21	Calm	Calm	ENE	ENE	Calm	ENE	5.3	35.1	51.3	33.3	125	1	Ci.	Cu.	1	Ci.	Cu. E
22	ENE	Calm	ENE	ENE	Calm	Calm	15.1	42.6	59.8	6.6	124.1	8	Ci.	Cu. E	3	Ci.	Cu. E
23	Calm	Calm	ENE	ENE	Calm	ENE	23.9	30.3	51.5	22.5	128.2	10	Ci.-S.	Cu. E	6	Ci.	Cu. E
24	Calm	Calm	ENE	ENE	ENE	ENE	10.8	29.2	54.5	37.5	132	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
25	Calm	Calm	ENE	ENE	ENE	Calm	34.1	53.6	60.4	23	171.1	6	Ci.	Cu. E	5	Ci.	Cu. E
26	Calm	Calm	ENE	ENE	ENE	Calm	6.2	27.9	51.3	25.5	110.9	2	Ci.	Cu.	3	Ci.	Cu. E
27	Calm	Calm	ENE	ENE	ENE	Calm	9.9	30.1	47.3	14.8	102.1	3	Ci.	Cu.	1	Ci.	Cu. E
28	Calm	Calm	ENE	ENE	ENE	ENE	8.5	63.8	74.2	56	202.5	10	Ci.-S.	Cu. E	1	Ci.	Cu. E
Mean	------	------	------	------	------	------	11.3	32.3	48.8	18.4	110.8	3.9	------------	------------	2.8	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	3,102.6	----	------------	------------	----	------------	------------

PARACALE.

[φ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

MARCH, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a.m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	61.61	62.07	63.96	61.68	61.88	63.41	62.44	25.4	25.5	26.5	27	25.6	25.6	25.9	28.5	23.5	84	83	80	80	89	82	83	4.5
2	62.33	63.25	64.46	62.31	62.21	63.66	63.04	23.4	22.4	28	29.4	27	23.9	25.7	30	22.2	95	96	76	72	83	97	86.5	1.8
3	62.53	62.92	64.26	62.13	62.28	63.43	62.92	24.5	22.9	28.4	28.8	27	25.4	26.2	29.8	22.9	96	98	78	80	82	97	88.5	------
4	62.78	63.64	64.85	62.98	63.15	64.21	63.60	23.2	21.9	29.2	30.4	27.7	26.5	26.5	31.9	21.7	97	98	73	76	82	88	85.7	------
5	62.88	63.87	64.50	62.76	62.91	63.66	63.43	24.9	22.4	29	30.6	25.8	24.5	26.2	31	22.4	92	99	67	62	85	92	82.8	------
6	62.63	62.80	63.72	61.53	61.65	62.77	62.52	24.6	22.4	28.5	29.5	27.2	26.4	26.4	31	22.3	92	97	67	68	76	84	80.7	------
7	61.60	62.31	63.33	61.30	61.63	63.03	62.20	23	21.5	29.9	31	27.1	25.5	26.3	31.3	21.4	97	97	65	67	81	88	82.5	------
8	62.43	62.95	64.02	62.47	63.20	64.86	63.32	23.2	22.3	29.3	30.5	27.2	25.7	26.4	31.2	22.2	95	97	72	65	79	90	83	3
9	63.64	63.66	64.70	62.60	63.06	64.02	63.61	25.6	25.4	29	28.5	27	24.5	26.7	30.2	23.7	85	84	74	74	84	92	82.2	------
10	63.23	63.49	64.40	62.35	62.78	63.93	63.36	22.6	22.8	29.5	31	27.8	25.8	26.6	32.2	22.4	97	97	70	69	84	89	84.3	------
11	62.70	63.05	64.03	61.61	61.65	62.48	62.59	23.7	22.8	29.4	31.5	27.4	25.7	26.8	31.6	22.5	94	97	72	58	77	86	80.7	------
12	60.62	61.33	62.01	59.04	59.48	60.66	60.52	25	22.6	31.1	30.5	27.7	24.5	26.9	32	22.6	85	97	62	69	82	96	81.8	------
13	60.28	61.26	62.22	60.06	60.14	61.63	60.93	23.2	22.3	30.4	31.8	28.2	24.7	26.8	32	22.2	97	97	74	64	78	92	83.7	------
14	60.42	61.44	62.59	61.01	61.48	63.01	61.66	22.5	21.9	30	30.5	27.7	26.7	26.6	32.9	21.9	96	96	67	68	78	84	81.5	1.3
15	62.08	62.76	64.12	62.54	62.68	63.68	62.98	25.2	26	26.5	24.9	24	25.9	25.4	26.9	23.7	90	84	80	88	93	77	85.3	5.6
16	62.20	62.70	63.65	61.63	61.21	62.53	62.32	24.6	24	26.2	25.6	26	23.9	25	27.3	23.5	87	91	82	87	80	96	87.2	20.6
17	61.70	62.10	63.09	60.45	60.65	62.06	61.68	23.7	23.5	29	30	27	24.4	26.3	30	23.2	94	96	74	71	83	95	85.5	1.5
18	61.70	62.62	64.13	62.52	63.32	64.12	63.07	24.6	24.4	25.1	25.5	25.5	25.4	25.1	26.1	24	90	91	91	84	80	77	85.5	16.7
19	63.02	63.67	64.61	62.63	62.84	64.28	63.51	24.5	23.3	28.3	28.6	26.5	24.5	26	29	23	79	86	66	63	73	83	75	------
20	62.95	63.18	63.73	61.88	62.01	63.10	62.81	24	23.7	28.4	26.2	24.4	25	25.3	30.1	23.3	86	88	68	83	88	83	82.7	------
21	61.63	61.74	62.52	60.96	61.32	62.64	61.80	25	23.9	29.2	27	24.8	24.1	25.7	30.6	23.9	82	88	63	77	88	94	82	11.2
22	60.68	61.19	62.53	60.33	61.20	62.62	61.42	23.7	24.4	28	29.5	27.1	26.4	26.5	30.1	23.5	94	87	71	64	78	79	78.8	------
23	61.43	62.20	63.33	61.18	61.78	63.53	62.24	24.2	23	29.4	29.9	26.9	26.6	26.7	30	22.8	90	95	65	65	80	83	79.7	------
24	62.18	63.11	64	61.56	62.05	62.97	62.64	24.7	25	29.2	30	27	25	26.8	30.4	23.6	94	88	72	68	80	88	81.7	------
25	61.88	62.56	63.13	60.63	60.70	61.81	61.78	22.8	21.7	29.2	29.6	26.9	23.5	25.6	30.3	21.5	95	96	72	67	77	93	83.3	.3
26	60.23	60.89	62.66	60.84	60.92	62.44	61.33	23	23.7	25.5	26.8	27.1	26	25.4	28.8	22.8	95	95	94	82	78	85	88.2	2
27	61.48	61.92	63.37	61.90	62.08	63.07	62.30	26	25.4	26	24.5	25.3	26	25.5	26	24	87	94	84	96	86	78	87.5	17
28	61.94	62.63	63.93	61.77	61.82	63.44	62.59	25	24.8	28.5	28.8	26.4	26	26.6	29.5	24.5	83	85	74	69	79	80	78.3	.5
29	62.26	62.55	63.71	61.78	61.68	63.07	62.51	25.7	23.9	29.5	30	27.7	25.9	27.1	30.3	23.8	80	92	71	68	78	88	79.5	------
30	61.91	62.08	63.41	61.76	62.32	63.13	62.44	26.4	26.5	28.5	30.4	27.5	26.9	27.7	30.5	25	86	88	81	71	80	84	81.7	3
31	61.41	61.49	62.80	60.78	60.82	62.06	61.56	25.6	24.6	29.5	29.5	27.7	26.3	27.2	31.2	24.5	87	94	75	75	83	92	84.3	------
Mean	61.95	62.50	63.61	61.58	61.84	63.07	62.42	24.3	23.6	28.5	29	26.7	25.4	26.3	30.1	23	90.4	92.6	73.5	72.6	81.4	87.5	83	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	89

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	ENE	ENE	ENE	Calm	ENE	ENE	45.6	60.9	59.7	50.2	216.4	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. ENE
2	Calm	Calm	ENE	ENE	ENE	Calm	17.5	32	53.6	27.6	130.7	4	Ci.	Cu. ENE	2	Ci.	Cu. ENE
3	Calm	Calm	ENE	ENE	ENE	Calm	19.5	38.3	58.1	24.6	140.5	7	Ci.	Cu. E	5	Ci.	Cu. E
4	Calm	Calm	ENE	ENE	Calm	ENE	2.4	36	59.2	36	133.6	2	Ci.	Cu.	4	Ci.	Cu. E
5	Calm	Calm	ENE	ENE	ENE	Calm	10.7	35.4	53.1	19.3	118.5	4	Ci.	Cu. E	2	Ci.	Cu. E
6	Calm	Calm	ENE	ENE	ENE	Calm	2.9	42.3	60.6	21.9	127.7	3	Ci.	Cu. E	3	Ci.	Cu. E
7	Calm	Calm	ENE	ENE	Calm	Calm	4	33.2	59.2	20.7	117.1	2	Ci.	Cu.	2	Ci.	Cu. E
8	Calm	Calm	ENE	ENE	Calm	Calm	4.6	30.9	50.9	31.6	118	0	------------	Cu.	2	Ci.	Cu. ENE
9	ENE	ENE	ENE	ENE	ENE	Calm	38.3	51.2	59	19.9	168.4	3	Ci.	Cu. E	10	Ci.-S.	Cu. E
10	Calm	Calm	ENE	ENE	Calm	Calm	5.6	41.8	45.7	13.9	107	8	Ci.-S.	Cu. E	7	Ci.	Cu. E
11	Calm	Calm	ENE	ENE	ENE	ENE	4	30.6	53.6	30.3	118.5	6	Ci.	Cu. E	2	Ci.	Cu. E
12	Calm	Calm	ENE	NE	Calm	Calm	7.8	33.2	53.6	6.1	100.7	4	Ci.	Cu.	4	Ci.	Cu. E
13	Calm	Calm	ENE	ENE	Calm	Calm	6.7	23.9	37.8	15.8	84.2	1	Ci.	Cu.	2	Ci.	Cu. E
14	Calm	Calm	NNE	N	Calm	N	5.8	29.6	48.9	48.8	133.1	0	Ci.	Cu.	3	Ci.	Cu. NE
15	NE	NE	NE	NE	NE	NE	93.3	123.9	94.8	100	412	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
16	NE	NE	NE	Calm	NE	Calm	85.3	65.2	57.1	17.7	225.3	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
17	Calm	Calm	NE	ENE	Calm	Calm	8.3	31.6	41.2	7	88.1	10	Ci.-S.	S.-Cu. E	2	Ci.	Cu. E
18	Calm	NE	NE	NE	NE	NE	35.7	96.9	72.2	61.8	266.6	10	------------	N. NE	10	Ci.-S.	S.-Cu. NE
19	NE	Calm	NE	NE	Calm	Calm	38.1	46.4	49.7	19.3	153.5	3	Ci.	Cu. E	2	Ci.	Cu. E
20	Calm	Calm	ENE	ENE	ENE	ENE	21.5	35.4	75.1	51.7	183.7	7	Ci.	Cu. E	10	Ci.-S.	Cu. E
21	NE	Calm	ENE	ENE	ENE	ENE	33.5	41.5	41.8	30.1	146.9	3	Ci.	Cu.	10	Ci.-S.	Cu. E
22	Calm	Calm	ENE	ENE	ENE	ENE	19.1	52.6	56.3	49.1	177.1	10	Ci.-S.	Cu. SE	2	Ci.	Cu.
23	Calm	Calm	ENE	ENE	Calm	Calm	12.6	39.7	52.5	31.4	136.2	1	Ci.	Cu.	1	Ci.	Cu.
24	Calm	Calm	ENE	ENE	Calm	Calm	12.6	44.6	48.6	11.1	116.9	2	Ci.	Cu. E	3	Ci.	Cu. E
25	Calm	Calm	ENE	ENE	Calm	Calm	5.4	30.4	39.1	6.2	81.1	2	Ci.	Cu.	2	Ci.	Cu. E
26	Calm	Calm	ENE	ENE	ENE	ENE	7.4	35.4	52.3	36.2	131.3	2	Ci.	Cu.	10	Ci.-S.	Cu. ENE
27	ENE	ENE	ENE	ENE	ENE	ENE	50.9	77.5	65.5	86.4	280.3	10	Ci.-S.	Cu. E	10	Ci.-S.	S.-Cu. ENE
28	ENE	ENE	ENE	ENE	ENE	ENE	77.2	63.6	57.6	37.6	236	10	Ci.-S.	S.-Cu. ENE	4	Ci.	Cu. ENE
29	ENE	Calm	ENE	ENE	Calm	Calm	25.2	39.7	45.6	15.9	126.4	4	Ci.	Cu. ENE	2	Ci.	Cu.
30	Calm	ENE	ENE	ENE	ENE	ENE	22.8	53.6	53.6	40.5	170.5	8	Ci.	Cu. NE	3	Ci.	Cu. ENE
31	Calm	Calm	ENE	ENE	Calm	Calm	19.5	38.8	44.5	13.7	116.5	3	Ci.	Cu.	3	Ci.	Cu. E
Mean	------	------	------	------	------	------	24	46.3	54.9	31.7	156.9	5.1	------------	------------	4.9	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,862.8	----	------------	------------	----	------------	------------

PARACALE.

[φ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

APRIL, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.66	60.92	61.56	59.41	59.30	60.61	60.41	24.3	23.8	30	30.1	27.8	26.4	27.1	31.5	23.8	96	97	71	74	84	92	85.7	------
2	59.48	60.42	61.60	59.37	59.40	60.55	60.14	24.4	24	29.6	31.5	28.5	26.5	27.4	31.8	23.8	97	97	70	69	81	93	84.5	------
3	60.21	60.62	61.73	60.11	59.76	61.17	60.60	24.4	24	30.5	31.6	28.1	26	27.4	32	23.8	95	97	72	66	82	94	84.3	------
4	60.13	61.04	61.76	59.66	60.32	61.72	60.78	24.4	23.9	30.5	31.6	28.3	26.4	27.5	32.8	23.7	93	96	73	65	80	92	83.2	------
5	60.73	61.73	62.52	60.34	61.01	62.31	61.44	24	23	31	32.2	28.4	26	27.4	32.8	22.9	91	96	69	63	79	92	81.7	------
6	61.50	62.56	63.59	61.05	61.14	62.11	61.99	23.2	22	29.3	31.6	28	23.5	26.3	32.3	22	93	96	66	62	71	93	80.2	------
7	61.19	62.11	62.88	61.01	61.86	63.22	62.04	22	21.7	29.5	31.6	28.5	26	26.6	32.6	21.7	95	96	70	62	75	87	80.8	------
8	61.72	62.19	63.48	61.55	61.68	62.91	62.26	26.2	25.5	30.5	31.3	27.6	27.3	28.1	32	24.8	84	85	64	64	74	78	74.8	2.3
9	61.68	62.23	63.66	61.74	61.88	62.88	62.34	25.4	25.5	30.3	30	27.7	27.6	27.8	31.6	25.2	88	88	65	71	79	81	78.7	1
10	61.68	62.16	63.18	61.07	61.62	62.60	62.05	27	26.5	29.5	31	28.1	27.5	28.3	31.6	26.1	84	88	73	67	81	81	79	------
11	61.16	61.27	61.68	59.79	60.48	62.31	61.12	25.1	23.5	31	31	29.1	28	28	31.8	23.5	91	96	65	62	71	77	77	------
12	61.28	61.59	62.65	60.75	60.85	62.65	61.63	24.2	24	31	31.5	28.4	27.8	27.8	32.5	23.9	95	96	72	69	77	82	81.8	13.2
13	61.56	62.13	63.55	61.76	62.28	63.26	62.42	27.6	26.2	29.9	30.8	28	27.1	28.3	31	24.9	81	92	75	71	81	83	80.5	2.8
14	61.58	61.97	62.98	60.96	60.93	62.01	61.74	26.4	26.4	31.5	31.1	27.5	27.2	28.4	31.6	25.1	84	82	63	68	81	83	76.8	------
15	60.63	61.05	62.01	59.74	60.02	60.81	60.71	24.9	23.6	30.8	31	28.1	26.9	27.6	31.8	23.6	92	95	61	65	77	85	79.2	------
16	60.11	60.43	61.38	59.32	59.35	60.51	60.18	24.2	23.4	31	31.2	27.8	26.9	27.4	31.9	23.4	93	97	61	61	75	81	78	------
17	59.63	59.30	60.05	58.07	58.06	59.41	59.09	24.1	22.9	30	31.4	28.3	27.2	27.3	31.6	22.9	91	97	68	63	80	85	80.7	------
18	58.80	59.17	60.28	58.37	58.87	60.26	59.29	24.2	23.4	31.2	32	28.4	27.3	27.8	32.3	23.4	95	97	64	66	77	81	80	------
19	59.71	60.34	61.30	59.99	60.34	61.65	60.56	26.5	24.5	31	31.5	28.6	27.7	28.3	32	24.5	80	87	65	67	75	83	76.2	------
20	60.89	61.42	62.06	60.71	61.18	62.01	61.38	27.3	26.1	31	26	28.1	27.4	27.6	31.2	25.5	86	95	69	92	81	84	84.5	.5
21	61.18	61.58	62.04	60.04	60.42	61.48	61.12	27	26.7	31	31	28.3	27.7	28.6	32.3	25.5	84	85	69	67	77	80	77	17
22	60.48	61.46	62.23	61.13	61.23	62.01	61.42	25.4	24.4	26	29.4	28	26.9	26.7	30.9	24.3	92	95	88	68	78	88	84.8	6.1
23	60.69	61.18	62.47	61.05	61.33	62.91	61.60	26.6	26.6	30	30	27.7	26.9	28	31	26.2	87	83	71	71	76	75	77.2	4.1
24	60.83	60.93	62.70	60.96	60.96	62.09	61.41	26.6	26.7	29.7	30.5	28	27.4	28.2	31	26.2	80	79	67	63	72	77	73	------
25	60.69	61.23	62.02	59.97	59.90	61.26	60.84	26.6	26.6	30.5	31	27.2	27	28.2	31.5	26.2	81	80	68	68	85	86	78	1.8
26	59.98	60.53	61.76	59.49	59.85	60.81	60.40	26.4	25.2	27.5	30.3	28.1	27.4	27.5	31	24.5	89	95	84	75	90	83	86	2.3
27	59.48	59.93	60.73	59.01	59.58	60.86	59.93	26.3	25.7	30	30.5	27.6	27	27.8	31.5	25.3	90	91	75	72	80	84	82	.8
28	59.20	60.03	61.03	59.44	59.53	60.95	60.03	25.6	24	30.5	31	27.8	26.9	27.6	31.7	23.9	88	96	72	69	83	89	82.8	1.5
29	59.76	60	60.08	58.20	58.87	60.26	59.53	25.4	24.6	31	31.5	28.7	27.6	28.1	32	24	93	97	75	66	83	87	83.5	3
30	59.13	59.47	60.08	58.20	58.77	59.96	59.27	25.5	23.8	30.5	31.2	28.4	26	27.6	32	23.5	94	97	68	68	86	94	84.5	------
Mean	60.53	61.03	61.97	60.08	60.36	61.58	60.92	25.4	24.6	30.2	30.9	28.1	26.9	27.7	31.8	24.3	89.4	92.3	69.8	67.8	79	85	80.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	56.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	ENE	ENE	Calm	Calm	5.1	26.6	42.4	14.7	88.8	1	Ci.	Cu.	6	Ci.	Cu. SE
2	Calm	Calm	ENE	ENE	ENE	Calm	7.4	27.4	48.8	10.8	94.4	4	Ci.	Cu. E	2	Ci.	Cu.
3	Calm	Calm	ENE	ENE	ENE	Calm	3.7	25.5	50.7	12.9	92.8	2	Ci.	Cu.	1	Ci.	Cu.
4	Calm	Calm	Calm	ENE	Calm	Calm	4.3	21.7	38.1	14.7	78.8	6	Ci.	Cu. E	5	Ci.	Cu. E
5	Calm	Calm	ENE	ENE	Calm	Calm	6.4	28.2	50.9	15.6	101.1	5	A.-Cu.	Cu. E	1	Ci.	Cu.
6	Calm	Calm	ENE	ENE	ENE	Calm	5.6	30	47.5	10.7	93.8	0	Ci.	Cu.	2	Ci.	Cu.
7	Calm	Calm	ENE	ENE	Calm	Calm	6.6	26.4	48	18.3	99.3	1	Ci.	Cu.	1	Ci.	Cu.
8	Calm	Calm	ENE	ENE	ENE	ENE	19.9	51.3	59.3	34.3	164.8	3	Ci.	Cu. E	3	Ci.	Cu. E
9	Calm	Calm	ENE	ENE	ENE	ENE	25.9	50.4	60.6	44	180.9	4	Ci.	Cu. E	6	Ci.	Cu. E
10	ENE	ENE	ENE	ENE	ENE	ENE	42.9	58.2	60.6	42.3	204	4	Ci.	Cu. E	4	Ci.	Cu. E
11	Calm	Calm	ENE	ENE	ENE	ENE	9.7	36.4	58.2	29.3	133.6	0	Ci.	Cu.	2	Ci.	Cu.
12	Calm	Calm	ENE	ENE	ENE	ENE	5.1	47.5	59.5	42.8	154.9	4	Ci.	Cu. E	6	Ci.	Cu. E
13	Calm	Calm	E	E	E	E	-----	-----	61	42.3	------	6	Ci.	Cu. E	5	Ci.	Cu. E
14	Calm	Calm	ENE	ENE	ENE	ENE	20.7	51.3	56.5	35.9	164.4	4	Ci.	Cu. E	4	Ci.	Cu. E
15	Calm	Calm	ENE	ENE	Calm	Calm	3.7	40.7	58.2	17.4	120	3	Ci.	Cu. E	2	Ci.	Cu. E
16	Calm	Calm	ENE	ENE	ENE	ENE	4	42.9	55.5	26.6	129	0	Ci.	Cu.	3	Ci.	Cu.
17	Calm	Calm	ENE	ENE	ENE	Calm	3.5	39.4	52.9	21.2	117	5	Ci.	Cu.	1	Ci.	Cu.
18	Calm	Calm	ENE	ENE	ENE	ENE	3	40.7	58.7	43.5	145.9	1	Ci.	Cu.	2	Ci.	Cu.
19	ENE	Calm	ENE	ENE	ENE	Calm	26	43.1	60.2	36.7	166	2	Ci.	Cu. E	2	Ci.	Cu. E
20	ENE	Calm	ENE	ENE	Calm	ENE	32.4	49.1	49.1	30.6	161.2	6	Ci.	Cu. E	10	Ci.-S.	S.-Cu. E
21	ENE	Calm	ENE	ENE	ENE	ENE	30.9	57.9	66	47.8	202.6	7	Ci.	Cu. E	3	Ci.	Cu. E
22	E	E	E	E	E	E	37.8	47.2	64.9	48.8	198.7	10	Ci.-S.	N. E	10	Ci.-S.	Cu. E
23	E	E	E	E	E	E	45.1	70.5	76.7	58.9	251.2	8	Ci.	Cu. E	6	Ci.	Cu. E
24	ENE	ENE	ENE	ENE	ENE	ENE	56.3	73.4	66.3	47.8	243.8	4	Ci.	Cu. ENE	3	Ci.	Cu. ENE
25	ENE	ENE	ENE	ENE	ENE	ENE	45.1	60.2	56.3	37.6	199.2	3	Ci.	Cu. E	5	Ci.	Cu. E
26	ENE	Calm	Calm	ENE	ENE	ENE	22.8	37.8	51.8	40.8	153.2	6	Ci.	Cu. E	4	Ci.	Cu. E
27	Calm	ENE	ENE	ENE	ENE	Calm	40.4	47.3	57.1	31.1	175.9	4	Ci.	Cu. E	4	Ci.	Cu. E
28	ENE	Calm	ENE	ENE	Calm	Calm	22.8	38.3	48.5	23.3	132.9	4	Ci.	Cu. E	6	Ci.	Cu. E
29	Calm	Calm	ENE	ENE	ENE	ENE	10.7	33.8	59.3	41.5	145.3	4	Ci.	Cu. E	4	Ci.	Cu. E
30	Calm	Calm	ENE	ENE	Calm	Calm	5.3	36	52.1	9.7	103.1	3	Ci.	Cu. E	1	Ci.	Cu. E
Mean	------	------	------	------	------	------	19.1	42.7	55.9	31.1	148.2	3.8	------------	------------	3.8	------------	------------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

MAY, 1915.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.85	59.05	59.52	57.75	58.08	59.03	58.71	24.5	24	31	32.2	27.8	27.7	27.9	32.5	23.7	96	97	72	74	88	89	86	------
2	57.81	58.46	58.95	56.90	57.55	58.63	58.05	25.6	25.2	31	29.2	28.5	26.3	27.6	32.5	24.9	95	97	71	84	85	96	88	8.9
3	58.08	58.14	58.83	57.90	57.89	59.15	58.33	25.4	24.5	32	25	26.4	25	26.4	32.9	24.4	95	96	67	90	92	96	89.3	1.1
4	57.95	58.06	58.22	56.57	56.86	58.04	57.62	24.4	23.9	31.5	31	28.5	25.8	27.5	31.7	23.5	97	96	69	75	81	93	85.2	------
5	57.28	58.04	58.65	57	58.02	59.11	58.02	24.7	24.4	32	32	28.8	26.9	28.1	32.6	24.4	96	97	66	60	78	93	81.7	------
6	57.83	58.55	59.41	58.15	58.91	59.92	58.80	25.7	24.9	32	32	28.8	28	28.6	32.1	24.8	94	96	66	69	76	77	79.7	------
7	57.76	58.30	59.35	57.56	58.18	59.26	58.40	26.7	26.1	30.5	32	29.2	28.1	28.8	32.1	25.1	83	88	68	65	78	82	77.3	------
8	57.66	58.45	59.46	58.06	58.15	58.96	58.46	27.7	26.9	31.4	31.8	28.5	28	29	31.8	26.7	76	74	57	61	74	78	70	5.8
9	57.71	58.34	58.88	57.92	58.08	59.23	58.36	26.8	26.2	30	31	29.5	28.5	28.7	32.2	26	86	90	65	62	68	71	73.7	------
10	57.58	58.46	58.87	56.88	57.51	58.51	57.97	26	25	32.5	31.5	29.2	27.7	28.6	33.5	24.5	87	92	66	66	75	83	78.2	------
11	57.60	57.90	58.78	57.01	57.19	58.73	57.87	25.6	24.7	31.5	32	29.2	26.4	28.2	33.3	24.4	90	93	69	69	76	94	81.8	------
12	58	58.74	59.25	57.23	57.61	59.06	58.32	25.4	25.3	32.6	33.5	30	28	29.1	34	25	97	96	68	64	78	92	82.5	------
13	58.36	58.15	58.95	57.16	56.90	58.11	57.94	26.6	26.1	32	32.5	29.5	27.6	29	33	26	95	95	72	68	81	83	82.3	------
14	58.03	58.15	58.47	56.27	56.94	58.57	57.74	25.8	26	33.5	32.5	31	28.7	29.6	35	25.2	93	93	64	71	75	80	79.3	------
15	57.93	58.43	58.26	56.27	57.48	58.36	57.79	26.3	27	33.5	35.5	27.8	26.7	29.5	36	26.1	94	92	61	57	91	94	81.5	1.3
16	57.26	57.62	58.18	56.87	57.43	59.24	57.77	26.7	26.4	30.2	26.6	29	26.3	27.5	31.8	26	94	97	78	89	81	94	88.8	17.8
17	58.53	58.68	58.93	57.53	58.55	59.76	58.66	25.5	25.3	32	27	24.9	25	26.6	33	24.4	93	92	61	92	90	97	87.5	34.6
18	58.83	59.44	59.87	58.47	59.51	60.53	59.44	24.4	26.3	31.5	28.5	26.8	25.9	27.2	33	24.4	91	84	70	81	92	96	85.7	1.3
19	59.91	59.39	60.30	58.42	57.59	59.61	59.20	25.5	24.9	31.4	27.4	29	26.4	27.4	32	24.7	96	96	73	91	85	94	89.2	12.7
20	58.30	58.41	58.51	57.55	57.89	58.26	58.15	26	25.6	32.2	28.7	26.3	25	27.3	33	24.4	94	93	69	75	86	95	85.3	1.3
21	57.30	57.40	58.18	55.64	56.81	58.19	57.25	24.8	26	31.5	32.5	29.5	27.5	28.6	34.2	24.3	95	96	69	69	85	88	83.7	------
22	56.90	57.14	57.48	56.46	57.78	58.49	57.38	26.6	26	31.5	29	25.4	24.5	27.2	34	24.5	90	94	69	74	93	94	85.7	20.8
23	57.53	57.98	58.11	57.21	56.96	59.09	57.81	25.1	25.6	31.4	27	29	26.6	27.4	33.5	24.5	91	88	72	92	81	87	85.2	8.6
24	58.64	58.68	59.36	57.49	58.31	59.73	58.70	25.6	24.9	29.3	31.5	27	25.3	27.3	32.2	24.8	93	96	79	73	88	96	87.5	.3
25	58.68	59.40	59.62	58.27	58.85	60.34	59.19	24.7	24.1	31	32.5	28.5	25.7	27.8	32.8	24	94	96	69	69	85	96	84.8	8.6
26	59.41	59.62	59.88	58.07	58.58	59.96	59.25	25.2	24.9	30	32	28.3	26.6	27.8	33	24.4	97	96	78	76	90	95	88.7	1.8
27	58.85	58.88	59.22	57.57	58.58	59.82	58.82	25.4	25	32.5	31.5	29	26	28.2	32.8	25	97	98	70	72	89	95	86.8	.5
28	58.80	58.95	59.55	58.55	58.43	59.43	58.95	25.6	25.7	32.3	26.9	27	25.6	27.2	33.4	25.3	97	97	71	85	92	97	89.8	23.3
29	58.71	58.83	59.22	57.40	57.07	59.04	58.38	25	26	32.6	31.5	29.5	26.8	28.6	33.2	24.9	95	95	69	71	79	94	83.8	4.1
30	57.70	58.01	58.08	56.14	56.35	57.18	57.24	25.4	26	32	33.3	28.7	27.5	28.8	33.3	25.2	97	96	69	65	85	92	84	------
31	56.21	57.05	57.17	55.41	56.01	56.98	56.47	26.4	26.4	33	33.4	27.7	26.4	28.9	34.6	25.4	94	92	67	62	85	92	82	------
Mean	58.06	58.41	58.89	57.28	57.74	58.98	58.23	25.6	25.5	31.7	30.7	28.3	26.7	28.1	33.1	24.9	93	93.5	68.8	73.3	83.3	90.4	83.7	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	152.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	Calm	ENE	ENE	Calm	Calm	11.5	32.5	44.8	19.5	108.3	1	Ci.	Cu.	3	Ci.	Cu. E
2	Calm	Calm	ENE	Calm	Calm	Calm	5.6	26.6	20.3	16.6	69.1	2	Ci.	Cu.	5	Ci.	Cu. E
3	Calm	Calm	ENE	WSW	Calm	Calm	5.3	25.7	22.3	4.6	57.9	4	Ci.	Cu.	10	Ci.-S.	Cu. S
4	Calm	Calm	Calm	E	Calm	Calm	5.8	29	32.4	6.9	74.1	6	Ci.	Cu.	7	Ci.-S.	Cu. E
5	Calm	Calm	ENE	ENE	Calm	Calm	4.6	29.8	40.5	16.1	91	3	Ci.	Cu.	4	Ci.	Cu. E
6	Calm	Calm	ENE	ENE	ENE	ENE	1.6	49.4	59.2	44.8	155	4	Ci.	Cu. E	3	Ci.	Cu. E
7	Calm	Calm	E	E	E	E	19	56.5	67.1	53.6	196.2	3	Ci.	Cu. E	5	Ci.	Cu. E
8	E	E	E	ENE	ENE	ENE	46.7	64.1	58.2	46.1	215.1	8	Ci.	Cu. E	8	Ci.-S.	Cu. E
9	ENE	Calm	ENE	ENE	E	E	26.4	50.9	55	29.5	161.8	8	Ci.-S.	Cu. E	6	Ci.	Cu. E
10	Calm	Calm	E	E	E	Calm	6.2	37.5	48.6	19.5	111.8	10	Ci.-S.	Cu. E	4	Ci.	Cu. E
11	Calm	Calm	ENE	ENE	Calm	Calm	8.2	30.3	33.3	11.5	83.3	3	Ci.	Cu.	3	Ci.	Cu.
12	Calm	Calm	ENE	ENE	ENE	Calm	4.6	28.7	40.2	15.5	89	2	Ci.	Cu.	2	Ci.	Cu. E
13	Calm	Calm	ENE	ENE	ENE	Calm	5.3	29.2	27.4	15	76.9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
14	Calm	Calm	ENE	ENE	Calm	S	4	27.7	36	18.2	85.9	7	Ci.	Cu.	7	Ci.	Cu. SW
15	Calm	Calm	SW	SW	Calm	Calm	8.2	33	28.8	7.2	77.2	8	Ci.-S.	Cu.	6	Ci.	Cu. SW
16	Calm	Calm	ENE	Calm	Calm	Calm	6.7	17.1	19.6	5.9	49.3	6	Ci.	Cu.	10	Ci.-S.	Cu. S
17	Calm	Calm	Calm	Calm	Calm	Calm	5.3	21.7	18.8	13.7	59.5	4	Ci.	Cu.	10	Ci.-S.	S.-Cu. S
18	Calm	Calm	Calm	Calm	Calm	Calm	10.3	28.8	24.9	3.4	67.4	10	Ci.-S.	Cu. S	10	Ci.-S.	Cu. S
19	Calm	Calm	E	Calm	Calm	Calm	3.4	21.4	15.1	3.4	43.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. S
20	Calm	Calm	Calm	SW	Calm	Calm	5	22.5	28	7.7	63.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. S
21	Calm	Calm	SSW	Calm	Calm	Calm	14.8	34.6	26.2	6.6	82.2	10	Ci.-S.	Cu. S	10	Ci.-S.	Cu. SSW
22	Calm	Calm	Calm	SW	Calm	Calm	11	30	37	18.2	96.2	7	Ci.	Cu.	10	Ci.-S.	S.-Cu. SW
23	Calm	Calm	SW	Calm	Calm	Calm	15.8	28	21.7	8.7	74.2	3	Ci.	Cu.	10	Ci.-S.	S.-Cu. SW
24	Calm	Calm	E	E	Calm	Calm	4.2	23.1	39.1	10.7	77.1	10	Ci.-S.	Cu.	6	Ci.	Cu. E
25	Calm	Calm	Calm	NE	Calm	Calm	9.2	19.8	29.3	2.7	61	3	Ci.	Cu.	4	Ci.	Cu. SSW
26	Calm	Calm	ENE	ENE	Calm	Calm	5.8	22.8	37.5	8.7	74.8	2	Ci.	Cu.	5	Ci.	Cu. SSW
27	Calm	Calm	Calm	Calm	Calm	Calm	5.4	20.7	25.9	5.9	57.9	8	Ci.-S.	Cu.	7	Ci.	Cu. SW
28	Calm	Calm	E	NW	Calm	Calm	9.5	21.4	22.7	8.9	62.5	7	Ci.	Cu.	10	------	N. NW
29	Calm	Calm	ENE	Calm	Calm	Calm	13.4	28.5	30.6	8.3	80.8	2	Ci.	Cu.	6	Ci.	Cu. SW
30	Calm	Calm	SW	SW	Calm	Calm	4.8	24.6	34.4	16.3	80.1	6	Ci.	Cu.	6	Ci.	Cu.
31	Calm	Calm	SW	E	Calm	Calm	8	28.8	26.9	10.7	74.4	3	Ci.	Cu.	6	Ci.	Cu. SW
Mean	------	------	------	------	------	------	9.5	30.5	33.9	15	88.9	5.8	------	------	6.9	------	------
Total	------	------	------	------	------	------	------	------	------	------	2,756.5	------	------	------	------	------	------

PARACALE.

[φ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

JUNE, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.53	57.51	58.43	57.43	57.55	59.37	57.80	25.7	26	32.5	32.5	29.9	27.5	29	33.4	25.5	94	94	63	66	77	87	80.2	------
2	59.01	59.48	60.09	58.76	58.66	60.58	59.43	26.6	26	32	32.8	29.5	29	29.3	33.2	25.6	92	94	66	68	75	78	78.8	------
3	59.28	60.33	60.04	58.86	58.99	59.49	59.50	26.8	25.6	31.1	32.1	29.3	28.4	28.9	32.4	25.4	89	95	71	66	76	85	80.3	0.3
4	59.11	59.42	59.82	57.96	57.58	58.88	58.80	26.4	25	31	30	29	26.5	28	33.2	25	92	96	71	75	81	96	85.2	------
5	57.88	58.28	59.16	57.81	58.33	59.58	58.51	25.4	25.2	33	30.5	27.5	25.4	27.8	34.2	24.7	97	95	61	73	88	95	84.8	1.5
6	58.70	59.53	59.83	58.59	59.55	60.46	59.44	24.6	24	31.5	32.5	26.4	24.4	27.2	33	23.6	95	97	68	63	89	97	84.8	9.9
7	59.53	59.78	60.28	58.36	57.98	59.63	59.26	24.4	23.9	30.7	31.5	29.4	28.4	28	32.4	23.7	95	96	74	66	78	82	81.8	1
8	58.78	58.96	59.21	56.81	57.10	58.57	58.24	26.6	25.4	32	31.5	29.4	27.7	28.8	32.6	25.3	87	93	66	66	75	83	78.2	.5
9	57.18	57.38	57.98	56.58	56.62	58.06	57.30	25.1	24.9	31.9	32	29.2	27.3	28.4	33.2	24.5	94	94	70	69	76	85	81.3	.5
10	56.40	57.43	57.87	57	56.81	58.78	57.38	25	25	32	30	27.9	27.3	27.9	32.2	24.7	96	96	69	77	82	82	83.7	.8
11	57.68	57.86	58.18	56.45	56.93	58.36	57.58	25.8	25.4	31.5	30	25.5	25	27.2	32.4	25	93	94	69	78	96	96	87.7	15.2
12	57.58	57.70	58.86	57.97	57.89	59.15	58.19	25	25	29	27	27.4	25.9	26.6	31.8	24.8	96	96	81	90	85	95	90.5	12
13	58.36	58.24	59.06	57.52	57.77	59.21	58.36	25.2	26	31.4	31.5	29	26	28.2	31.8	25.1	97	96	70	72	79	90	84	1.3
14	58.40	58.61	58.62	57.41	57.36	58.81	58.20	25.4	25.2	31.5	31.5	29	27.4	28.3	31.8	25	95	97	72	73	81	90	84.7	9.7
15	58.36	58.36	58.67	57.81	58.30	59.66	58.53	26.6	26.8	29.3	31.5	29	28.5	28.6	31.8	25.1	92	94	79	75	85	92	86.2	2
16	58.51	59.13	59.66	58.63	58.90	60.90	59.29	27.6	27	31	31	29.6	26.8	28.8	32.6	26	94	94	82	79	79	90	86.3	2
17	59.58	59.41	59.39	58.49	58.54	59.72	59.19	27.4	28	31.5	32	29.5	28.5	29.5	32.4	26	89	85	71	72	79	81	79.5	.8
18	58.64	58.73	59.19	57.91	57.62	58.96	58.51	27.6	26.6	31.2	31.7	29.2	28	29	33.4	26.6	87	95	74	73	82	88	83.2	.3
19	57.83	58.08	58.54	57.91	58.36	59.46	58.36	27.4	26.4	31.2	30.5	29.6	28.4	28.9	32.8	25.9	89	97	74	78	77	82	82.8	------
20	57.33	57.63	58.12	56.61	57.29	58.84	57.64	26.6	26	31	31.6	29.4	26.1	28.4	32.3	25.9	95	96	75	68	79	95	84.7	2.8
21	57.78	57.90	58.75	57.23	58.25	59.45	58.23	25.8	26	31	32	29.6	28	28.7	32	25.3	95	95	69	63	74	85	80.2	------
22	58.23	58.65	58.56	56.94	57.12	59.03	58.09	26.5	25.5	29	32	28.2	27	28	32.8	25.4	91	92	74	66	86	92	83.5	------
23	57.68	57.76	58.18	56.86	57.29	58.48	57.71	25.9	25.2	30	32	29.6	25.4	28	33	24.9	94	96	75	66	79	96	84.3	8.9
24	57.73	58.05	58.13	56.83	57.33	58.81	57.81	25.7	26	30	31.5	29	26.5	28.1	32.8	25.1	93	93	80	75	81	92	85.7	.8
25	57.50	58.43	58.43	56.45	56.89	58.30	57.67	25.4	25	31.5	31.5	29.6	28.4	28.6	31.8	24.5	93	95	69	67	77	85	81	33.5
26	57.63	57.85	58.17	56.46	56.91	58.55	57.60	27.3	25.7	31	31.5	27	27	28.2	32.6	24.7	87	94	72	72	92	84	83.5	21.3
27	57.81	57.91	58.53	56.91	57.85	59.28	58.05	25.2	25.1	32	32.5	27.2	25.5	27.9	33.5	25	95	94	68	63	87	90	82.8	------
28	58.35	58.44	58.66	57.50	57.73	59.72	58.40	24.3	24.3	31.5	31	26.3	26	27.2	32.4	24.1	96	95	69	70	93	95	86.3	23.4
29	58.20	58.08	58.93	57.19	57.83	59.17	58.23	25.7	25.4	32	34.4	26.4	26.1	28.3	34.4	25.2	96	97	69	60	94	95	85.2	6.1
30	58.28	58.96	58.03	56.89	57.41	59.01	58.10	25.9	25.7	32.5	34	30.7	27.5	29.4	34.6	25	96	98	65	57	71	88	79.2	------
Mean	58.13	58.46	58.85	57.47	57.76	59.21	58.31	26	25.6	31.2	31.5	28.6	27	28.3	32.8	25.1	93.1	94.8	71.2	70.2	81.8	89	83.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	154.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	Calm	E	Calm	Calm	12.7	27.1	30.9	8.6	79.3	6	Ci.	Cu.	6	Ci.	Cu. SW
2	Calm	Calm	E	E	Calm	E	4.5	36.4	44	28	112.9	2	Ci.	Cu.	2	Ci.	Cu.
3	Calm	Calm	NE	NE	NE	Calm	9.1	35.2	54.5	19.9	118.7	4	Ci.	Cu. E	6	Ci.	Cu. E
4	Calm	Calm	ENE	Calm	Calm	Calm	10.7	26.2	25.2	5.8	67.9	8	A.-Cu.	Cu. E	10	Ci.-S.	Cu. E
5	Calm	Calm	Calm	Calm	Calm	Calm	5.3	27.6	30.4	5.3	68.6	3	Ci.	Cu.	10	Ci.-S.	Cu. SW
6	Calm	Calm	ENE	ENE	Calm	Calm	6.9	39.4	52.3	11.9	110.5	3	Ci.	Cu.	6	Ci.	Cu. E
7	Calm	Calm	NE	NE	NE	Calm	6.6	37.5	54.2	31.1	129.4	6	Ci.	Cu. E	4	Ci.	Cu. E
8	Calm	Calm	NE	NE	NE	Calm	10.5	31.6	51.5	24.3	117.9	6	Ci.	Cu. E	4	Ci.	Cu. E
9	Calm	Calm	NE	NE	NE	Calm	6.7	37.3	52.5	13.2	109.7	6	A.-Cu.	Cu. E	4	Ci.	Cu. E
10	Calm	Calm	NE	NE	NE	Calm	6.6	36.4	61.2	21.1	125.3	4	Ci.	Cu. E	6	Ci.	Cu. E
11	Calm	Calm	NE	NE	Calm	Calm	11	36	37	11.1	95.1	6	Ci	Cu. E	10	Ci.-S.	Cu. E
12	Calm	Calm	NE	Calm	Calm	Calm	6.4	38.6	26.2	7.7	78.9	10	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu.
13	Calm	Calm	NE	NE	Calm	Calm	5.1	37	58.2	11.6	111.9	10	Ci.-S.	Cu.	6	Ci.	Cu. E
14	Calm	Calm	E	E	E	E	6.2	37.8	59.8	40	143.8	6	Ci.	Cu.	4	Ci.	Cu. E
15	Calm	Calm	E	E	E	E	23.9	27.2	55	33.6	139.7	6	Ci.	Cu. E	4	Ci.	Cu. E
16	E	Calm	E	E	E	Calm	34.8	42	62.2	20.4	159.4	8	Ci.-S.	Cu. E	6	Ci.	Cu. E
17	Calm	Calm	E	E	E	Calm	17.1	55.3	62.3	32.2	166.9	5	Ci.	Cu. E	4	Ci.	Cu. E
18	Calm	Calm	ENE	ENE	ENE	Calm	16.4	39.9	59.8	23.9	140	6	Ci.	Cu. E	4	Ci.	Cu. E
19	Calm	Calm	ENE	ENE	ENE	Calm	6.1	38.6	54.7	18.7	118.1	4	Ci.	Cu.	6	Ci.	Cu. E
20	Calm	Calm	ENE	ENE	ENE	Calm	4.6	34.9	49.7	17.2	106.4	4	Ci.	Cu. E	6	Ci.	Cu. E
21	Calm	Calm	ENE	ENE	ENE	ENE	5.3	35.6	54.7	23	118.6	10	Ci.	Cu.	4	Ci.	Cu. E
22	Calm	Calm	ENE	ENE	ENE	Calm	7.7	36	49.6	14.3	107.6	5	Ci.	Cu. E	6	Ci.	Cu. E
23	Calm	Calm	E	E	E	Calm	8	40.8	61.7	22.3	132.8	6	Ci.	Cu. E	6	Ci.	Cu. E
24	Calm	Calm	E	ENE	Calm	Calm	5.4	25.2	51.3	4	85.9	8	Ci.	Cu. E	10	Ci.-S.	Cu. E
25	Calm	Calm	ENE	ENE	ENE	ENE	6.1	32	54.7	29.2	122	3	Ci.	Cu.	3	Ci.	Cu. E
26	Calm	Calm	Calm	ENE	Calm	Calm	27.4	20.1	38.1	7.2	92.8	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
27	Calm	Calm	ENE	ENE	Calm	Calm	4.2	24.3	31.4	10.2	70.1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
28	Calm	Calm	ENE	Calm	Calm	Calm	3.8	28	33.8	7.5	73.1	3	Ci.	Cu.	6	Ci.-S.	Cu. E
29	Calm	Calm	Calm	Calm	Calm	Calm	6.4	18.8	26	6.7	57.9	3	Ci.	Cu.	3	Ci.	Cu. SW
30	Calm	Calm	W	W	Calm	Calm	5.3	26.9	35.6	15.6	83.4	4	Ci.	Cu.	4	Ci.	Cu. SW
Mean	------	------	------	------	------	------	9.7	33.7	47.3	17.5	108.2	5.8	------------	------------	6	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	3,244.6	----	------------	------------	----	------------	------------

PARACALE.

[φ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

JULY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	58.43	58.50	58.58	57.30	56.71	57.99	57.92	26.6	26	32.2	29.2	29	26.5	28.2	34.6	25.7	90	92	65	85	85	93	85	16
2	56.73	57.03	56.87	55.86	56.39	57.98	56.81	25.6	25.3	31.5	32.5	30	27.1	28.7	34.2	25	97	98	72	63	82	91	83.8	------
3	55.73	56.04	56.58	55.34	55.90	57.40	56.16	26.2	25.4	32.5	34.5	31.3	28.2	29.7	35	25.2	90	93	65	55	67	83	75.5	------
4	56.98	57.67	58.09	56.50	57.12	58.81	57.53	26.6	26.8	33	32.5	31.5	27.2	29.6	35.8	26.1	89	89	61	68	78	90	79.2	------
5	57.98	58.32	58.02	57.17	57.67	58.91	58.01	27	27	33.5	32.4	31.2	27.5	29.8	35	26	87	84	61	69	81	88	78.3	------
6	58.43	58.49	58.86	57.13	58.24	59.07	58.37	26.5	25.5	33.2	33.6	31.6	28	29.7	33.8	25.5	92	96	69	68	72	90	81.2	------
7	58.58	59.52	59.69	58.26	58.59	59.91	59.09	26.3	26	33	32.5	30	29.3	29.5	34.2	25.7	96	95	61	66	75	78	78.5	------
8	60.11	60.42	60.56	59.30	59.56	60.67	60.10	27.2	26.3	32.3	33	30	27.6	29.4	33	26	87	90	62	64	78	91	78.7	------
9	59.91	60.19	61.36	59.80	59.85	61.28	60.40	25.9	25.4	29	31.5	29	26.6	27.9	32.5	25.3	91	92	85	72	82	94	86	14
10	60.01	60.64	61.53	59.90	59.22	60.28	60.26	26.4	25.2	29.2	30.5	29	28.5	28.1	31.4	25	90	95	83	78	81	81	84.7	46
11	59.31	59.57	60.13	58.97	59.40	59.93	59.55	26.5	26	32.5	30.5	29.5	27.5	28.8	32.5	24.7	94	96	67	75	81	88	83.5	3
12	58.83	58.89	59.51	58.26	58.48	59.81	58.96	25.3	25.1	32	32	26.1	24.5	27.5	32	24.2	96	97	68	72	91	94	86.3	6.6
13	58.44	58.40	58.87	57.34	57.79	59.12	58.33	24.3	24.3	29.3	31.8	29.6	26	27.6	31.8	23.9	96	96	83	64	75	93	84.5	16.8
14	57.70	57.94	58.68	57.75	57.33	58.34	57.96	24.7	24.4	24.5	26.6	28	26.1	25.7	29.8	24.2	96	97	96	95	85	95	94	33.1
15	58.11	58.38	58.14	57.98	58.42	59.03	58.34	25	25.5	25	30	28	24.1	26.3	30.4	23.9	97	96	92	73	81	97	89.3	17
16	58.40	58.81	59.83	58.14	57.93	59.33	58.66	24	24.2	28	28	27.5	26.1	26.3	29	23.7	97	98	88	88	88	89	91.3	13.5
17	58.18	58.49	58.88	57.98	57.82	58.93	58.38	25.4	25.4	26	28.4	28	26	26.5	29.4	24.9	97	97	92	82	85	95	91.3	2.3
18	57.63	57.75	57.57	56.41	56.76	57.87	57.33	24	23.9	30	30.5	29	26	27.2	30.5	23.8	97	97	75	72	78	92	85.2	------
19	56.34	56.59	56.76	55.46	56.02	57.28	56.41	24.9	24.4	30.6	31	29.4	25.5	27.6	31.6	24.1	96	97	68	72	82	92	84.5	------
20	56.28	56.65	56.83	55.65	56	57.43	56.47	24.6	24.5	32	30.5	28	26	27.6	32.2	24	95	96	66	75	88	95	85.8	16
21	56.16	56.95	58.05	56.11	56.29	59.06	57.10	25.5	24.8	31	32	31	27.5	28.6	32.8	24.5	96	98	75	66	71	88	82.3	.5
22	57.98	58.26	58.56	57.35	57.91	59.11	58.20	26.5	26	31.5	34	29.5	27	29.1	34.6	25.8	94	96	72	64	81	92	83.2	6.6
23	57.86	57.85	58.68	56.64	56.55	57.90	57.58	26.8	26.7	31.5	34.5	31	27.6	29.7	34.5	26.5	87	89	72	62	75	87	78.7	------
24	55.96	55.89	56.22	54.80	54.42	56.07	55.56	26.5	25.5	30.5	32	31.5	26.4	28.7	33.8	25.5	91	93	76	66	66	89	80.2	------
25	54.99	55.35	55.18	54.14	54.23	55.98	54.98	25.9	26	31.8	32.5	28.7	26.4	28.6	34	25.9	91	90	65	62	80	91	79.8	------
26	54.78	54.75	54.51	53.08	53.93	54.63	54.28	26.2	26	31.6	32.4	27.7	26.5	28.4	33.4	25.6	90	89	72	61	84	82	79.7	1.5
27	53.81	53.93	53.92	52.44	52.62	53.75	53.41	26.2	26.5	31.6	31.6	28.9	27	28.6	32.6	25.8	82	84	68	68	74	84	76.7	.8
28	52.18	52.74	53.06	51.67	51.67	52.58	52.32	25.8	25.8	30.4	30.6	27	26.3	27.6	30.8	25.7	87	85	72	68	87	86	80.8	------
29	51.29	51.19	51.20	50.04	50.42	51.53	50.94	26.2	25.8	30	29	29	27	27.8	30.6	25.6	86	89	77	85	79	84	83.3	2.8
30	50.43	50.78	51.49	51.51	52.43	54.32	51.83	26.1	26.5	28	31	26.6	26	27.4	31.2	25.6	88	86	82	72	89	89	84.3	3
31	53.50	53.31	54.15	53.57	54.17	55.76	54.08	26.2	26.3	29.5	29.4	28	27.8	27.9	29.8	25.5	85	86	75	76	80	80	80.3	------
Mean	56.81	57.07	57.41	56.19	56.45	57.74	56.95	25.8	25.6	30.5	31.3	29.2	26.8	28.2	32.5	25.1	91.8	92.8	73.7	71.2	80	89.1	83.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	199.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	Km.	Km.	Km.	Km.	0-10			0-10		
1	Calm	Calm	ENE	Calm	Calm	Calm	6.2	29	19.3	6.4	60.9	3	Ci.	Cu.	10	Ci.-S.	Cu. SW
2	Calm	Calm	SW	SW	Calm	Calm	3.4	22.8	26.2	5	57.4	10	Ci.-S.	Cu.	7	Ci.-S.	Cu. SW
3	Calm	Calm	SW	SW	Calm	Calm	9.7	22.5	32.2	14.7	79.1	3	Ci.	Cu.	4	Ci.	Cu. SW
4	Calm	Calm	NE	NE	Calm	Calm	10.2	28.8	30.3	6.7	76	2	Ci.	Cu.	6	Ci.	Cu. SW
5	Calm	Calm	E	Calm	Calm	Calm	14.8	35.2	25.7	9.2	84.9	2	Ci.	Cu.	6	Ci.	Cu. SW
6	Calm	Calm	E	E	Calm	Calm	1.9	22.8	38.8	9.7	73.2	1	Ci.	Cu.	3	Ci.	Cu. SW
7	Calm	Calm	NE	NE	NE	Calm	3	36	61.5	30.1	130.6	8	Ci.-S.	Cu. E	2	Ci.	Cu. E
8	Calm	Calm	ENE	ENE	ENE	Calm	5.6	46.4	59.8	11.9	123.7	2	Ci.	Cu.	4	Ci.	Cu. SW
9	Calm	Calm	Calm	ENE	Calm	Calm	10.3	23	46.5	19.3	99.1	7	A.-Cu.	Cu. E	6	Ci.	Cu. E
10	Calm	Calm	ENE	Calm	ENE	ENE	10.5	22.2	37.5	37.2	107.4	3	Ci.	Cu.	6	Ci.	Cu. E
11	Calm	Calm	ENE	ENE	Calm	Calm	12.9	29.3	47.3	9.5	99	6	Ci.	Cu. E	4	Ci.	Cu. E
12	Calm	Calm	ENE	ENE	Calm	Calm	4.6	32.2	48.9	9.1	94.8	2	Ci.	Cu. E	4	Ci.	Cu. E
13	Calm	Calm	Calm	ENE	Calm	Calm	8.2	19.5	49.9	24.3	101.9	10	Ci.-S.	Cu. E	6	Ci.	Cu. E
14	Calm	Calm	Calm	Calm	Calm	Calm	9.1	14.3	20.9	8.2	52.5	6	Ci.	Cu. E	10	Ci.-S.	S.-Cu. E
15	Calm	Calm	Calm	ENE	Calm	Calm	10	17.1	30.4	18.7	76.2	10	------------	S.-Cu. E	10	Ci.-S.	Cu. E
16	Calm	Calm	Calm	Calm	Calm	Calm	11.3	19.8	20.1	6.2	57.4	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
17	Calm	Calm	ENE	Calm	Calm	Calm	9.4	33.2	22.7	16.3	81.6	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
18	Calm	Calm	Calm	ENE	Calm	Calm	18.3	24.1	39.2	4.5	86.1	10	Ci.-S.	Cu. E	4	Ci.	Cu. NW
19	Calm	Calm	Calm	ENE	Calm	Calm	7	25.2	40	19.8	92	2	Ci.	Cu.	4	Ci.	Cu. E
20	Calm	Calm	Calm	Calm	Calm	Calm	10.5	22.7	22.7	7.4	63.3	1	Ci.	Cu.	6	Ci.	Cu. SW
21	Calm	Calm	ENE	Calm	Calm	Calm	6.6	16.7	27.4	8.2	58.9	2	Ci.	Cu.	6	Ci.	Cu. E
22	Calm	Calm	ENE	ENE	Calm	Calm	9.2	30.4	28.5	9.5	77.6	3	Ci.	Cu.	4	Ci.	Cu. SW
23	Calm	Calm	ENE	Calm	Calm	Calm	17.4	26.2	22.5	11.8	77.9	10	Ci.-S.	Cu.	6	Ci.	Cu. SW
24	Calm	Calm	Calm	Calm	Calm	Calm	15.1	28.2	31.7	8	83	10	Ci.-S.	Cu.	6	Ci.	Cu. SW
25	Calm	Calm	SW	SW	Calm	Calm	11.3	32.2	29	6.1	78.6	3	Ci.	Cu.	10	Ci.-S.	Cu. SW
26	Calm	Calm	SW	SW	Calm	Calm	8.9	37.2	38	14	98.1	4	Ci.	Cu.	8	Ci.-S.	Cu. SW
27	Calm	Calm	SW	SW	Calm	Calm	9.7	28.5	32.5	19	89.7	3	Ci.	Cu.	8	Ci.-S.	Cu.
28	Calm	Calm	W	W	W	SW	19.6	42.1	52.6	29.3	143.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. W
29	Calm	Calm	WSW	Calm	Calm	Calm	19.9	33.2	24.4	14.8	92.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. WSW
30	Calm	SSW	SW	SSW	Calm	Calm	32.4	39.4	37.5	25.9	135.2	10	Ci.-S.	S.-Cu. SSW	10	Ci.-S.	Cu. SSW
31	SSW	SSW	SSW	SSW	Calm	SSW	20.3	33.8	36.5	26.9	117.5	10	Ci.-S.	Cu. SSW	10	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	11.2	28.2	34.9	14.4	88.7	5.9	------------	------------	6.8	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	2,749.5	---	------------	------------	---	------------	------------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

AUGUST, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.10	55.20	56.03	54.84	55.11	57.14	55.57	26.8	27	32	32.5	29.4	27.4	29.2	33.6	26.4	86	82	66	60	71	83	74.7	------
2	56.63	56.64	56.67	54.48	55.94	57.46	56.30	26.2	25.6	33	33.8	31	27	29.4	34.8	25	90	95	61	60	69	87	77	------
3	56.47	56.38	57.15	55.31	55.77	57.59	56.44	26.2	26.6	32.5	33.3	29.8	25.4	29	34.6	25	90	90	65	65	79	90	79.8	6.6
4	56.05	55.95	55.98	55.05	55.73	56.91	55.94	25.8	26	32	34	31.3	28	29.5	35.4	25.2	93	96	69	62	73	85	79.7	------
5	55.81	56.73	56.61	55.70	56.95	58.40	56.70	27.5	27	30.5	32.8	25.5	25.7	28.2	33.2	25.4	87	89	78	65	88	96	83.8	25.1
6	56.93	56.80	56.92	56.22	56.58	58.36	56.97	25.3	24.8	28.2	30.8	28.7	26.8	27.4	31.9	24.1	94	93	80	70	78	86	83.5	------
7	57.10	57.80	57.72	56.29	56.79	57.89	57.26	26	26	31.5	32	28	26	28.2	34	25.6	85	85	66	61	82	92	78.5	1.5
8	56.69	56.64	56.28	54.59	54.99	56.81	56	25.6	25.4	32	34.5	30.7	27	29.2	34.8	24.7	92	92	66	62	70	86	78	------
9	54.98	54.80	55.68	54.12	55.39	57.16	55.36	26.2	26	33	34.8	30.5	27.4	29.6	34.8	25.8	92	92	65	54	68	87	76.3	------
10	55.78	56.29	56.87	55.67	57.07	58.71	56.73	26.7	26	32.5	32.5	27	25.7	28.4	34.5	25.4	90	92	65	66	92	93	83	21.6
11	57.30	57.39	57.86	56.35	57.16	58.08	57.36	25.6	26	29.8	32.5	26	26	27.6	33.6	25.3	93	92	77	63	89	92	84.3	7.9
12	57.20	57.53	57.61	56.12	56.21	57.13	56.97	24.8	25.4	29	30.6	28.6	26.6	27.5	31.4	24.7	85	85	74	72	82	87	80.8	------
13	56.10	56.12	56.96	56.76	56.08	57.38	56.57	26.3	26	30.8	25.7	25	25.4	26.5	33.8	24.8	88	89	76	94	96	92	89.2	27.2
14	56.43	56.63	57.06	56.06	56.56	57.90	56.77	25.6	25	31.5	33	27.6	25.8	28.1	33	24.8	92	97	72	70	91	96	86.3	13.2
15	56.78	57.15	57.88	57.42	57.55	58.64	57.57	24.7	25	32.6	32.2	29.8	26.2	28.4	32.8	24.5	96	96	68	73	83	87	83.8	4.1
16	57.96	58.14	58.84	56.92	57.39	58.08	57.89	25.2	24.9	31.2	31.4	29.7	26.9	28.2	32.3	24.5	92	92	67	71	80	93	82.5	------
17	56.99	57.26	57.94	55.65	55.92	57.20	56.83	25.5	25.3	28.5	30.3	27.8	25.6	27.2	31.8	24.2	96	98	90	75	82	95	89.3	52.3
18	56.18	56.16	56.67	54.98	55.61	56.44	56.01	24	25	29.4	30.7	28	26.4	27.2	30.9	24	96	95	77	75	85	94	87	------
19	55.10	56.03	55.92	54.91	55.78	56.03	55.63	25.4	25.4	29.7	28.5	27.4	26	27.1	32.2	25.2	97	97	73	81	89	94	88.5	------
20	55.11	56.08	55.57	54.09	54.66	55.75	55.21	25.5	25.4	31	30.5	28	26.6	27.8	32.2	25	96	97	72	82	85	87	86.5	5.1
21	54.73	55.27	56.51	55.13	56.61	57.06	55.88	26.8	26.5	31	29.8	26.2	25.4	27.6	32.6	24.8	86	84	72	75	86	93	82.7	1.5
22	55.96	56.46	56.75	55.36	55.61	57.14	56.21	26.4	26.2	32.7	32.7	30	27.1	29.2	32.8	25.4	85	86	69	68	78	89	79.2	------
23	55.26	55.20	56.30	54.95	55.63	56.96	55.72	26.2	26.4	31.4	33	28.5	27	28.8	33.4	25.8	90	89	71	60	81	84	79.2	------
24	55.98	56.15	56.96	55.55	56.85	57.88	56.56	26.2	26.3	29.3	31	25	24.7	27.1	32.2	24.7	86	86	79	72	96	92	85.2	5.8
25	57.18	57.13	57.41	56.25	57	58.87	57.31	25	26	32.4	33.5	29	26.3	28.7	33.8	24.5	92	88	67	61	71	87	77.7	------
26	58.35	58.75	59.07	57.14	58.06	59.71	58.51	25.6	25.4	32.2	34.2	29.7	26.2	28.9	34.2	25	92	93	63	58	71	89	77.7	------
27	58.75	59.56	60.18	59.70	58.22	59.91	59.39	25.6	25.1	31.5	28	26	24.5	26.8	32.5	24.4	92	94	66	83	89	93	86.2	15.5
28	59.07	59.56	60.07	58.46	59.01	60.61	59.46	24	24	28.8	30.2	29	26.5	27.1	30.2	23.5	96	96	83	77	83	92	87.8	------
29	59.28	59.25	59.41	57.61	58.18	59.51	58.87	24.5	24.2	31.2	33.2	29.5	25.6	28	33.4	23.9	94	96	65	60	78	95	81.3	------
30	58.35	59.14	59.02	57.83	57.02	58.68	58.34	25.2	24.4	31	32.2	29	26.8	28.1	33.4	24.2	95	97	69	70	81	92	84	------
31	57.15	57.80	58.78	56.68	56.88	57.95	57.54	25.8	25	29.1	29	27.4	26.4	27.1	29.2	24.8	93	96	83	81	89	92	89	1.8
Mean	56.67	56.97	57.38	56.01	56.53	57.85	56.90	25.7	25.6	31	31.7	28.4	26.3	28.1	33	24.9	91.3	91.9	71.4	69.2	81.8	90.3	82.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	189.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SSW	Calm	SSW	SSW	SSW	Calm	29.3	42.4	52.3	20.4	144.4	3	Ci.	Cu.	6	Ci.	Cu. SSW
2	Calm	Calm	SSW	SSW	Calm	Calm	2.6	25.5	36.2	10	74.3	8	A.-Cu.	Cu.	4	Ci.	Cu. SSW
3	Calm	Calm	SSW	Calm	SSW	Calm	7	31.9	25.2	12.9	77	6	Ci.	Cu.	6	Ci.	Cu. SW
4	Calm	Calm	SSW	Calm	Calm	Calm	2.6	36	25.9	10.3	74.8	8	Ci.-S.	Cu.	6	Ci.	Cu. SW
5	Calm	Calm	Calm	Calm	Calm	Calm	21.4	19.9	23.1	7.5	71.9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
6	Calm	SSW	SSW	SSW	Calm	Calm	20.1	42.9	26.2	23.9	113.1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
7	Calm	Calm	SSW	SSW	SSW	Calm	26.6	42.6	39.7	11.1	120	4	Ci.	Cu.	3	Ci.	Cu. SW
8	Calm	Calm	WSW	WSW	Calm	Calm	11	31.2	39.4	9.7	91.3	2	Ci.	Cu.	6	Ci.	Cu. W
9	Calm	Calm	SW	SW	Calm	Calm	16.1	37.8	40.8	10.7	105.4	2	Ci.	Cu.	3	Ci.	Cu. SW
10	Calm	Calm	SW	SW	Calm	Calm	16.1	35.7	32.2?	15	99	4	Ci.	Cu.	10	Ci.-S.	Cu. SW
11	Calm	Calm	SW	SW	Calm	Calm	18.3	26.2	33.6	13.5	91.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
12	Calm	WSW	WSW	WSW	Calm	Calm	19.9	32	29.2	13.2	94.3	10	Ci.-S.	Cu. WSW	10	Ci.-S.	Cu. WSW
13	Calm	Calm	WSW	Calm	Calm	Calm	12.9	27.9	25.4	10.8	77	10	Ci.-S.	Cu.	10	------	N. SW
14	Calm	Calm	SW	SW	Calm	Calm	9.7	28.4	28.8	8	74.9	3	Ci.	Cu.	6	Ci.	Cu. SW
15	Calm	Calm	Calm	SSW	Calm	Calm	4.3	27.7	27.4	15.5	74.9	2	Ci.	Cu.	6	Ci.	S.-Cu. SW
16	Calm	Calm	SSW	NE	Calm	Calm	14.8	24.3	29.2	5.8	74.1	10	Ci.-S.	Cu.	8	Ci.-S.	Cu.
17	Calm	Calm	Calm	NNW	Calm	Calm	9.7	19.8	32.2	16.7	78.4	10	Ci.-S.	S.-Cu. NW	8	Ci.-S.	Cu.
18	Calm	Calm	NNW	N	Calm	Calm	11.1	23.3	26.2	8.3	68.9	10	Ci.-S.	S.-Cu. NW	10	Ci.-S.	Cu. N
19	Calm	Calm	Calm	Calm	Calm	Calm	12.7	23.9	20.3	13.4	70.3	10	Ci.-S.	S.-Cu. N	10	Ci.-S.	Cu.
20	Calm	Calm	SW	Calm	Calm	Calm	8.7	21.5	18.3	15	63.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
21	Calm	Calm	SSW	SSW	WSW	Calm	19.5	30.3	41.8	16.9	108.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SSW
22	Calm	Calm	SSW	Calm	Calm	Calm	24.3	32.2	26.8	10.8	94.1	10	A.-Cu.	Cu.	10	Ci.-S.	Cu. WNW
23	Calm	Calm	WSW	WSW	Calm	Calm	12.7	36	44.6	15.6	108.9	10	Ci.-S.	Cu.	6	Ci.	Cu. WSW
24	SSW	Calm	Calm	SW	Calm	Calm	28.5	28.2	30.8	16.7	104.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
25	Calm	Calm	SW	SW	Calm	Calm	11.9	34.6	37.6	15.6	99.7	10	Ci.-S.	Cu. W	7	Ci.	Cu.
26	Calm	Calm	S	S	S	Calm	6.4	32.4	36.8	16.4	92	2	Ci.	Cu.	3	Ci.	Cu. S
27	Calm	Calm	Calm	SSW	Calm	Calm	5.1	25.5	29.5	8.7	68.8	3	Ci.	Cu.	10	Ci.-S.	Cu. SSW
28	Calm	Calm	Calm	Calm	Calm	Calm	8	15.6	22.5	3.8	49.9	10	A.-Cu.	Cu.	10	Ci.-S.	Cu. WSW
29	Calm	Calm	Calm	E	Calm	Calm	4.2	21.9	31.1	4	61.2	2	Ci.	Cu.	3	Ci.	Cu.
30	Calm	Calm	Calm	NE	Calm	Calm	5.8	20.9	28.8	4.2	59.7	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.
31	Calm	Calm	Calm	Calm	Calm	Calm	9.7	10.2	8.2	9.4	37.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	13.3	28.7	30.6	12.1	84.6	7.3	------	------	7.8	------	------
Total	------	------	------	------	------	------	-----	-----	-----	-----	2,623.6	----	------	------	----	------	------

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

SEPTEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a.m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.05	57.08	57.52	55.98	56.65	57.38	56.94	26	25.4	31.2	29.5	25.5	25	27.1	32.8	24.6	92	93	67	81	92	95	86.7	0.5
2	56.79	56.89	57.37	55.09	55.68	57.03	56.48	24.8	25	32	33	28.4	26.1	28.2	34	24.2	93	92	69	55	82	89	80	------
3	55.98	56.65	57.33	54.76	55.08	56.42	56.04	25.4	25.4	29.5	33	28.5	26.7	28.1	33.6	24.5	88	88	75	60	78	84	78.8	------
4	55.48	55.76	56.66	54.59	54.99	56.48	55.66	25.5	25.9	31.2	33.5	28.6	26.5	28.5	33.5	25.5	86	85	68	63	76	86	77.3	------
5	55.10	55.24	55.87	53.62	53.70	55.86	54.90	26.3	25.5	32.5	33	29.5	27.1	29	33.6	25.1	86	91	63	64	81	87	78.7	------
6	54.18	54.46	54.54	52.70	53.61	55.28	54.13	26.1	25.9	32.3	33.5	27.2	26	28.5	33.5	25.5	88	84	62	58	90	94	79.3	5.6
7	53.58	53.47	53.78	52.09	53.09	54.10	53.35	25.6	25.8	31.8	33.4	29	26.4	28.7	33.4	25.5	90	88	67	64	76	82	77.8	------
8	53.46	53.38	53.55	52.02	52.59	54.15	53.19	26.2	26	29.4	31.4	28	26.7	28	31.4	25.8	83	85	74	67	83	88	80	------
9	53.33	53.93	55.06	53.77	54.68	55.90	54.44	26.1	25.8	31	31	27	25.6	27.8	31.4	25.2	91	91	72	69	92	93	84.7	.3
10	54.83	55.55	56.36	55.03	55.41	56.33	55.58	25.6	25.7	30.4	29.9	27	25.3	27.3	31.8	25	93	93	70	77	87	89	84.8	.6
11	54.70	55.18	56.26	54.39	54.93	56.29	55.29	25.3	25.3	30.5	30.6	28	26.1	27.6	34.2	25	89	89	72	71	82	89	82	1
12	55.90	56.08	56.58	55.52	55.83	56.98	56.15	25.2	25.4	29.7	30	28.5	26.4	27.5	32	24.7	93	89	77	71	81	93	84	34
13	56.70	56.98	57.98	55.83	56.43	57.78	56.95	25.2	24.7	28.6	30.5	28.5	26.5	27.3	30.5	24.3	97	97	80	72	81	92	86.5	1
14	57.03	57.64	58.87	56.63	57.78	58.98	57.82	25.4	24.9	30.5	29.5	25.6	25.1	26.8	32.2	24.7	97	96	75	78	91	95	88.7	5.1
15	58.19	58.14	58.71	57.19	57.75	59.56	58.26	24.6	24.3	30.3	30.6	28.8	27.4	27.7	31.6	24	95	97	72	72	79	88	83.8	------
16	58.73	59.60	60.58	59.16	58.95	60.10	59.52	25.2	24.5	31.2	30.3	28.7	26.5	27.7	31.5	24.5	97	97	71	73	85	94	86.2	------
17	59.14	59.33	60.37	58.68	58.85	60.34	59.45	26.5	26	30.1	28.5	27	26.5	27.4	32.2	25.6	90	92	74	80	88	96	86.7	11.4
18	58.60	58.79	60.22	57.98	58.06	59.33	58.83	25.3	25.3	27	28	27	25.9	26.4	29	25.1	94	93	94	85	90	96	92	20.8
19	58.03	58.24	59.20	56.75	57.76	59.99	58.33	25.4	25	30.6	30	28.5	25.8	27.6	31.4	24.5	97	99	78	78	82	93	87.8	30
20	58.83	59.06	59.88	57.06	57.26	59.20	58.55	25	25.1	28	30.4	28	26	27.1	31.8	24.8	98	98	85	78	88	96	90.5	3
21	58.50	59.19	60.31	58.38	57.87	59.58	58.97	25.6	25.4	30.2	30.6	28	26	27.6	31.2	25	97	97	70	78	85	96	87.2	7.1
22	58.38	58.78	59.38	57.68	58.36	59.31	58.65	25.6	25.4	31.2	30	28.5	26.7	27.9	32.8	25	97	96	74	82	85	94	88	.8
23	58.48	58.50	59.03	57.11	57.38	58.53	58.17	25.4	24.6	31.3	28.8	28.5	27	27.6	32.6	24.6	97	98	72	83	81	92	87.2	32
24	57.58	58.02	58.83	56.96	57.77	58.95	58.02	24.7	24.1	29.8	30	28	26	27.1	31	24	96	97	79	75	85	94	87.7	------
25	58.05	58.69	58.79	57.27	57.99	59.28	58.34	25.4	24.8	30.6	28.6	26.7	24.8	26.8	32.2	24.4	97	98	74	83	92	89	88.8	------
26	58.61	58.92	59.15	57.42	57.86	59.86	58.64	24.2	23.9	30.7	29.6	27.5	24.4	26.7	31.8	23.7	94	97	69	79	89	93	86.8	48.2
27	58.80	58.90	59.41	57.76	58.43	60.23	58.92	24.2	24	31	29.4	28.4	26	27.2	31.6	24	95	98	69	81	87	96	87.7	------
28	58.73	59.39	59.66	58.44	58.53	60.09	59.14	25.3	24.5	31.5	26.7	25.5	24.9	26.4	32.4	24.5	96	97	69	86	92	95	89.2	2
29	58.72	58.92	59.70	58.18	58.81	60.53	59.14	24	24	31	29	28.3	25.3	26.9	31.6	23.8	97	97	71	74	85	96	86.7	------
30	59.28	59.74	60.57	58.82	59.71	60.70	59.80	24.4	23.8	27	29.3	25.5	24.8	25.8	29.7	23.3	97	96	86	79	93	97	91.3	9.7
Mean	57.03	57.35	58.05	56.23	56.73	58.15	57.26	25.3	25	30.4	30.4	27.7	26	27.5	32.1	24.7	93.3	93.6	73.3	73.9	85.3	92	85.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	213.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NE	Calm	Calm	Calm	12.6	22.3	27.7	14.8	77.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
2	Calm	Calm	Calm	SW	Calm	Calm	19.1	26.2	31.6	14.2	91.1	6	Ci.	Cu.	8	Ci.	Cu. SW
3	Calm	Calm	WSW	WSW	Calm	Calm	18	30.3	42.8	17.1	108.2	3	Ci.	Cu.	6	Ci.	Cu. WSW
4	SSW	Calm	SSW	SSW	Calm	Calm	20.4	32.5	27.2	14.3	94.4	6	Ci.	Cu.	8	Ci.-S.	Cu. SW
5	Calm	Calm	SW	SW	Calm	Calm	17.1	36.5	29.2	8.7	91.5	3	Ci.	Cu.	6	Ci.	Cu. WSW
6	Calm	SW	SW	WSW	Calm	Calm	22.8	44.6	41.2	8	116.6	3	Ci.	Cu.	6	Ci.	Cu. WSW
7	Calm	Calm	SW	SW	Calm	SW	21.2	46.9	44.5	22.5	135.1	6	Ci.	Cu.	4	Ci.	Cu. SW
8	SW	Calm	SW	SW	Calm	Calm	21.1	31.1	31.2	16.6	100	6	Ci.	Cu.	10	Ci.-S.	Cu. SW
9	Calm	Calm	SW	SW	Calm	Calm	9.2	23	22.5	3.4	58.1	10	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. SW
10	Calm	Calm	SW	Calm	Calm	Calm	3.5	25.4	19.1	21.2	69.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
11	Calm	Calm	WSW	Calm	Calm	Calm	17.9	24.1	47.2	14.7	103.9	10	Ci.-S.	Cu.	8	Ci.-S.	Cu. WSW
12	Calm	W	Calm	W	Calm	Calm	31.6	18.2	23.8	6.4	80	10	Ci.-S.	S.-Cu. W	8	Ci.-S.	Cu. W
13	Calm	Calm	Calm	NE	Calm	Calm	8	21.9	30.4	3.7	64	7	Ci.	Cu.	3	Ci.	Cu. ENE
14	Calm	Calm	W	Calm	Calm	Calm	10.5	25.4	25.2	15.1	76.2	10	Ci.	Fr.-N.	8	Ci.-S.	Cu W
15	Calm	Calm	ENE	ENE	Calm	Calm	11.1	33.8	45.3	16.9	107.1	8	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
16	Calm	Calm	ENE	ENE	Calm	Calm	10	27.6	37.8	12.4	87.8	2	Ci.	Cu.	10	Ci.-S.	Cu. ENE
17	Calm	Calm	ENE	ENE	Calm	Calm	13.9	27.2	34.9	19.3	95.3	5	Ci.	Cu. ENE	10	Ci.-S.	Cu. ENE
18	Calm	Calm	Calm	Calm	Calm	Calm	15.9	14	11	5	45.9	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu.
19	Calm	Calm	ENE	Calm	Calm	ENE	7	24.6	25.1	14	70.7	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
20	Calm	Calm	Calm	ENE	Calm	Calm	7	18.2	34.1	4.2	63.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. ENE
21	Calm	Calm	E	E	Calm	Calm	7.2	23.6	24.9	7.2	62.9	10	Ci.-S.	S.-Cu. WSW	6	Ci.	Cu. E
22	Calm	Calm	ENE	Calm	Calm	Calm	9.2	30.1	36.8	8	84.1	4	Ci.	Cu. NE	8	Ci.-S.	Cu. ENE
23	Calm	Calm	ENE	Calm	Calm	Calm	6.2	28.4	27.1	11.5	73.2	8	Ci.	Cu. ENE	8	Ci.-S.	S.-Cu. ENE
24	Calm	Calm	Calm	N	Calm	Calm	12.4	27.1	31.2	6.6	77.3	3	Ci.	Cu.	8	Ci.-S.	Cu. W
25	Calm	Calm	SW	Calm	Calm	Calm	8.9	19	21.4	12.7	62	2	Ci.	Cu.	10	Ci.-S.	Cu. SW
26	Calm	Calm	Calm	NE	Calm	Calm	8.2	19.9	21.1	17.7	66.9	2	Ci.	Cu.	8	Ci.-S.	Cu. SW
27	Calm	Calm	Calm	Calm	Calm	Calm	10.5	17.2	18.8	5	51.5	10	Ci.-S.	Cu.	5	Ci.	Cu.
28	Calm	Calm	Calm	Calm	Calm	Calm	7.4	23.6	28.4	10.3	69.7	5	Ci.	Cu.	10	Ci.-S.	S.-Cu. E
29	Calm	Calm	NE	NE	Calm	Calm	6.4	27.9	28.8	6.2	69.3	6	Ci.	Cu.	8	Ci.-S.	Cu. NE
30	Calm	Calm	Calm	Calm	Calm	Calm	5.6	20.3	29.2	9.1	64.2	3	Ci.	Cu.	10	Ci.-S.	S.-Cu. E
Mean	------	------	------	------	------	------	12.7	26.4	30	11.6	80.6	6.6	------------	------------	8.2	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	2,417.1	----	------------	------------	----	------------	------------

PARACALE.

[φ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

OCTOBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.50	60.32	60.53	58.61	58.67	59.66	59.55	24.2	24	29.4	30.4	28.6	28.1	27.4	30.4	23.8	98	98	79	76	80	86	86.2	14.8
2	58.35	58.58	58.47	56.21	57.09	58	57.78	25.8	25	30.4	27.6	26.5	25.3	26.8	31.6	24.7	95	98	82	87	96	95	92.2	32.5
3	56.33	56.54	57.31	54.47	55.45	56.73	56.14	24.8	24.6	30.5	30.4	25.4	25.4	26.8	31.4	24.3	97	97	79	76	97	98	90.7	35.4
4	55.57	56.35	57.03	54.85	55.81	56.89	56.08	24	24	29.5	30	28	25.8	26.9	31.8	23.9	98	98	78	75	88	97	89	1
5	55.68	56.30	56.84	54.92	55.47	56.75	55.99	25.3	24.5	31.5	30.1	28.5	25.2	27.5	31.8	24.2	96	97	69	74	80	96	85.3	.5
6	55.55	55.70	56.36	54.28	54.72	56.28	55.48	24.2	23.4	30.9	31.4	27	24.2	26.8	32.2	23.2	95	97	71	63	84	94	84	-----
7	54.80	55.53	55.79	54.28	54.45	56.38	55.20	23.3	22.8	31	31	28.2	25.9	27	31.2	22.5	94	95	67	59	76	90	80.2	-----
8	55.08	55.86	56.68	54.47	55.43	56.55	55.68	25.3	24.5	31	32	28.3	25.4	27.8	32	24.2	93	96	69	65	77	96	82.7	21.4
9	55.91	56.33	57.24	55.17	56.44	57.79	56.48	24.4	25.2	29.6	30.5	25.8	25.3	26.8	30.8	24.1	97	97	77	72	93	95	88.5	13.5
10	57.15	57.95	58.57	56.88	58.33	59.84	58.12	24.1	23.5	31	31.3	27	25	27	31.6	23.5	95	97	69	69	88	96	85.7	17.8
11	59.45	60.38	60.69	59.06	60.05	61.16	60.13	24.2	24.7	30.5	31.3	27.7	26	27.4	31.3	24	96	97	72	70	87	95	86.2	-----
12	59.96	60.27	60.28	58.02	58.83	59.37	59.46	25	24.4	30.8	31.5	28.6	25.9	27.7	31.5	24.3	95	97	73	69	82	95	85.2	-----
13	58.10	58.28	59.71	56.81	56.70	57.83	57.90	25.4	25.4	25.5	26	26.5	24.9	25.6	27.2	24.8	95	93	92	95	92	95	93.7	91.6
14	57.20	57.30	57.84	56.15	57.27	58.21	57.33	24.4	25.3	29.6	30	26.4	25	26.8	31	24.2	97	97	74	74	92	96	88.3	9.1
15	57.31	57.74	58.78	57.20	57.92	59.18	58.02	24.1	23.7	30.3	30	26	25.5	26.6	30.5	23.7	96	97	74	77	94	96	89	.5
16	57.93	58.35	59.43	57.71	58.13	59.66	58.54	24.5	24.4	29.5	29	25.6	24.5	26.2	31	24.1	96	97	81	80	92	98	90.7	-----
17	58.50	58.75	59.11	57.03	57.77	58.87	58.34	23.7	23.2	31.5	31.8	27.6	25.6	27.2	32	23	96	97	66	67	87	95	84.7	-----
18	57.75	58.74	59.30	57.01	57.37	58.96	58.19	25	24.5	29.7	31.2	28.6	26.5	27.6	31.4	24.4	95	96	78	70	82	91	85.3	5
19	57.98	58.33	59.48	57.29	57.87	59.65	58.43	25.4	25	31.4	31.4	28.7	27.4	28.2	31.6	25	97	98	66	66	78	84	81.5	-----
20	58.73	59.18	60.06	57.49	58.01	59.13	58.77	25.1	24.9	30.9	30.2	28.5	26.8	27.7	31.5	24.8	96	96	71	77	81	94	85.8	19.8
21	53.25	58.53	59.13	56.98	57.38	58.10	58.06	26	25	30.2	30.5	25.9	25.4	27.2	31.6	24.6	94	98	80	76	94	94	89.3	22.9
22	57	57.20	57.53	54.98	55.94	55.14	56.30	24.6	28	29.4	28.4	24.4	26.6	26.9	29.4	24.1	93	85	78	82	97	93	88	97
23	52.79	51.65	50.14	45.57	47.42	50.46	49.67	26.1	25.6	26	26.4	25.5	25.2	25.8	27	24.5	94	97	95	97	94	97	95.7	66.7
24	50.70	51.02	52.18	50.58	51.15	52.71	51.39	25.4	25.1	27	26.6	27.2	25.5	26.1	27.6	24	93	95	78	90	77	84	86.2	20.6
25	52.36	52.97	53.50	52.31	53.19	55.04	53.23	25.8	26	29.5	31	26.5	25.2	27.3	32.8	23.7	84	85	71	69	92	93	82.3	.5
26	54.52	55.47	56.63	54.81	55.81	57.39	55.77	24	23.3	30.3	29.7	27.7	25.5	26.8	31	23.3	97	97	72	74	87	96	87.2	-----
27	55.88	56.54	56.88	54.94	55.13	55.70	55.84	24.2	25.1	29.2	29.1	27	26.6	26.9	29.4	24.1	97	97	80	76	86	87	87.2	-----
28	54.40	54.39	54.38	51.10	51.02	51.61	52.82	26.5	25.9	30.5	30.5	28	26.8	28	32.3	25.8	86	85	72	72	81	86	80.3	-----
29	49.78	49.36	50.40	49.13	50.90	52.91	50.41	26.3	26.1	27	28.5	27.5	27.5	27.2	28.7	26.1	90	89	80	71	80	80	81.7	-----
30	52.90	54.08	55.76	53.91	55.53	55.66	54.64	26.9	26.3	30.4	29.5	26.4	24.9	27.4	32.8	24.7	82	85	71	81	92	95	84.3	3.1
31	56.08	57.18	58.13	55.75	57.63	59.29	57.34	25.3	24.7	29.5	29.5	26.5	25.4	26.8	32.6	24.7	94	94	78	76	93	97	88.7	11.2
Mean	56.18	56.62	57.23	55.10	55.90	57.13	56.36	24.9	24.8	29.8	29.9	27.1	25.8	27	30.9	24.2	94.2	94.9	75.5	75	87.1	93	86.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	484.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	Calm	ENE	ENE	Calm	9.1	21.5	41.8	31.4	103.8	10	Ci.-S.	S.-Cu. NE	6	Ci.	Cu. ENE
2	Calm	Calm	NNE	Calm	Calm	Calm	12.6	28.5	23.6	12.1	76.8	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. N
3	Calm	Calm	Calm	N	Calm	Calm	3.5	26.8	30.9	10.5	71.7	8	Ci.-S.	Cu. N	8	Ci.-S.	S.-Cu. N
4	Calm	Calm	Calm	NE	Calm	Calm	12.7	17.9	25.7	6.6	62.9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
5	Calm	Calm	NNE	NNE	Calm	Calm	8	28	28.5	3.8	68.3	5	Ci.	Cu.	10	Ci.-S.	Cu. NE
6	Calm	Calm	NE	NE	Calm	Calm	10.2	25.9	25.1	4.8	66	3	Ci.	Cu.	2	Ci.	Cu.
7	Calm	Calm	NE	NE	Calm	Calm	7.4	27.6	30.9	8.3	74.2	3	Ci.	Cu.	3	Ci.	Cu.
8	Calm	Calm	ENE	ENE	ENE	Calm	3.7	33.5	48.1	8.3	93.6	5	Ci.	Cu.	5	Ci.	Cu. E
9	Calm	Calm	ENE	ENE	Calm	Calm	13.1	23.1	24.9	6.4	67.5	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	Cu. E
10	Calm	Calm	ENE	ENE	Calm	Calm	8.7	28.5	36.7	14	87.9	10	Ci.-S.	Cu.	5	Ci.	Cu. E
11	Calm	Calm	Calm	ENE	Calm	Calm	9.9	17.2	34.1	7.2	68.4	8	Ci.	Cu. E	8	Ci.-S.	Cu.
12	Calm	Calm	ENE	ENE	Calm	Calm	6.7	29.2	33.5	9.5	78.9	6	Ci.	Cu. NE	5	Ci.	Cu. E
13	Calm	Calm	ENE	Calm	Calm	Calm	8.3	26.2	7.5	19.9	61.9	10	Ci.-S.	Cu.	10	Ci.-S.	N. NE
14	Calm	Calm	ENE	ENE	Calm	Calm	13.5	30.6	27.4	7.2	78.7	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
15	Calm	Calm	ENE	ENE	Calm	Calm	10.3	23.1	28.4	9.5	71.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
16	Calm	Calm	ENE	Calm	Calm	Calm	6.7	25.5	21.7	6.2	60.1	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. W
17	Calm	Calm	Calm	NNE	Calm	Calm	7.5	24.6	30.4	3.2	65.7	5	Ci.	Cu.	5	Ci.	Cu. W
18	Calm	Calm	NNE	NNE	Calm	Calm	4.6	22.8	33.3	10.7	71.4	4	Ci.	Cu. NE	4	Ci.	Cu. NE
19	Calm	Calm	ENE	ENE	ENE	Calm	8.7	39.1	41.8	15.3	104.9	5	Ci.	Cu. E	2	Ci.	Cu. E
20	Calm	Calm	ENE	ENE	ENE	Calm	8.7	45.9	59.3	40	153.9	5	Ci.	Cu. E	7	Ci.	Cu. E
21	Calm	Calm	ENE	ENE	Calm	Calm	13.5	26.9	30.4	6.6	77.4	6	Ci.	Cu. ENE	10	Ci.-S.	S.-Cu. E
22	Calm	NNE	NNE	NNE	Calm	NNE	35.2	64.1	41.2	31.7	172.2	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	S.-Cu. NNE
23	NE	NE	NE	ENE	ENE	E	91.2	142.4	187.5	122.3	543.4	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	S.-Cu. ENE
24	E	E	ENE	ENE	ENE	ENE	60.7	55.8	43.1	45.4	205	10	Ci.-S.	Cu. SSE	10	Ci.-S.	N. SSE
25	Calm	ENE	S	S	Calm	Calm	28.4	41.8	23.3	5	98.5	7	Ci.	Cu. SE	8	Ci.-S.	Cu. S
26	Calm	Calm	NE	NE	Calm	Calm	5	24.6	29.6	10	69.2	3	Ci.	Cu.	4	Ci.	Cu. W
27	Calm	Calm	WSW	WSW	Calm	Calm	11	27.9	33.2	16.3	88.4	10	Ci.-S.	Cu. W	10	Ci.-S.	Cu. WSW
28	Calm	Calm	WSW	WSW	Calm	Calm	22.3	40.4	45.6	30.1	138.4	10	Ci.-S.	Cu. WSW	10	Ci.-S.	Cu. WSW
29	SW	SW	SW	SW	SW	SW	42.3	64.4	79.4	62.2	248.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
30	SW	Calm	SW	SW	SW	Calm	37.6	45.1	44.1	30.6	157.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
31	Calm	Calm	Calm	S	Calm	Calm	10	18.8	16.3	2.9	48	10	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu. SE
Mean	-----	-----	-----	-----	-----	-----	17.1	35.4	38.9	19.3	110.8	7.8	-----	-----	7.8	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3,434.1	-----	-----	-----	-----	-----	-----

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

NOVEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.36	59.45	60.24	57.72	58.53	59.96	59.04	24.5	24.4	28.8	31	28.2	27.7	27.4	31.5	24	96	97	86	74	86	86	87.5	0.5
2	59.29	59.37	59.96	57.63	58.12	58.23	58.77	27.5	25.7	31	30.8	27.7	28	28.4	31.8	25.5	84	94	75	73	84	82	82	24.3
3	54.62	53.28	49.85	38.22	43.78	54.48	49.04	27.3	26.5	27.4	25.4	24.3	25.7	26.1	27.4	23	84	92	88	95	97	94	91.7	177.2
4	55.24	57.60	58.82	57.13	58.16	60.27	57.87	26.2	26.6	31	32	27	25	28	32.4	24.6	92	86	65	63	89	92	81.2	-----
5	59.60	59.92	60.31	58.13	58.66	59.91	59.42	24.4	23.9	30.3	31.4	28.5	27.5	27.7	31.6	23.7	95	97	79	75	85	88	86.5	11.2
6	58.98	59.87	59.49	57.56	58.33	59.22	58.91	26.2	24.1	28.6	30	28	27.4	27.4	30.2	24.1	90	95	80	77	81	84	84.5	1.3
7	58.20	58.89	59.53	57.89	58.49	59.32	58.72	26.2	24.4	27.8	28	25.5	24.5	26.1	30	23.8	87	95	79	85	92	96	89	16.8
8	58.37	58.95	59.93	58.15	58.45	59.63	58.91	23.8	24.1	28.6	26	27	25.3	25.8	30.2	23.7	97	98	84	92	86	93	91.7	32.7
9	58.73	59.33	59.37	57.27	58.27	58.70	58.61	25.2	25.8	29.7	30.6	28	27.2	27.8	30.8	24	93	86	79	74	81	87	83.3	50.6
10	56.58	56.64	56.36	53.13	54.01	57.07	55.63	25.4	24.9	25.8	27.1	25	25.9	25.7	27.1	24.2	97	95	93	83	96	79	90.5	22.1
11	57.22	57.75	58.78	57.31	58.32	59.19	58.10	23.5	24.5	29	27	26.4	24.5	25.8	31.6	23.5	96	96	74	82	92	96	89.3	1.5
12	58.15	58.91	59.67	58.28	59.26	60.62	59.15	23.5	23.5	29	27	24.8	24.8	25.4	30	22.9	97	97	79	83	97	94	91.2	3
13	59.57	60.43	60.73	58.67	59.61	60.77	59.96	23.4	23.2	28.8	29.8	27	27.3	26.6	29.8	22.9	97	98	82	76	88	86	87.8	1
14	59.96	61.30	61.71	59.51	60.31	61.47	60.71	25.4	23.2	29.6	30.5	27.8	26	27.1	31.5	23	97	97	76	68	82	92	85.3	-----
15	60.90	61.16	62.07	59.11	59.86	60.83	60.66	25	25.9	29.8	30	27	26	27.3	30	24.2	87	85	76	70	88	88	82.3	2.8
16	59.88	59.99	60.63	58.37	59.24	59.98	59.68	26.8	26.5	28.8	26.6	26	26.2	26.8	31.2	25	82	84	77	87	96	90	86	18.6
17	58.88	59.25	60.46	58.56	59.19	60.39	59.46	26.8	26.4	29	29.3	27.4	27.1	27.7	30.2	25.6	86	87	68	62	70	76	74.8	-----
18	60.13	60.72	61.90	60.41	60.69	61.93	60.96	26.8	26.9	29.2	28.6	26.4	26.7	27.4	29.6	25	71	70	66	69	78	84	73	7.1
19	61.34	61.36	62.06	60.13	61.01	62.06	61.33	24.1	25.6	29	27.4	25.3	25.3	26.1	30.6	23.9	89	87	71	81	93	92	85.5	43.2
20	60.91	60.99	62.41	59.46	59.79	60.73	60.72	26.3	25.2	28.2	28.3	27	27.1	27	28.8	24	88	91	83	77	85	84	84.7	27.7
21	59.72	60.02	60.82	58.87	59.38	60.11	59.82	24.4	27	25.8	27.5	25.5	26	26	28.6	23.8	88	84	92	84	96	90	89	44.4
22	58.85	59.08	59.96	57.94	58.60	59.45	58.98	25.4	26	28.8	28.3	27	26.2	27	29.6	24.1	88	88	72	75	77	90	81.7	8.4
23	58.93	59.30	59.36	56.99	57.83	58.75	58.53	25.7	26	29	27.5	27.3	26.4	27	29.2	24	86	82	74	81	82	89	82.3	28.3
24	57.36	57.50	58.50	56.50	56.80	57.80	57.41	25.7	26	26.3	26.5	26.6	26.2	26.2	27.4	24.8	94	92	92	90	90	91	91.5	20.1
25	57	57.50	58.03	55.73	56.29	57.15	56.95	25.2	25	26.3	27.5	26.5	25	25.9	29.6	24.8	97	98	90	89	92	98	94	8.4
26	55.96	56.35	57.45	55.83	56.58	57.35	56.59	24.2	23.6	27	28.4	26.5	25.2	25.8	29.2	23.5	97	98	92	84	92	96	93.2	1.3
27	57	57.67	58.48	56.04	57.03	58.19	57.40	24	23.5	27.5	29.8	27.5	26.7	26.5	30.6	23.5	97	97	88	77	88	90	89.5	7.4
28	57.58	58.39	58.80	56.86	57.73	58.77	58.02	26.6	25.9	28	30.2	27.5	27.3	27.6	30.4	25	87	93	85	81	88	88	87	8.6
29	57.70	58.48	59.09	57.61	58.57	59.51	58.49	25.8	25.2	29	30	27.8	26.9	27.4	30.4	25.2	95	97	82	78	86	89	87.8	7.2
30	58.78	59.71	60.76	59.21	59.72	60.27	59.74	25.2	25.4	26	26.7	26	26.7	26	27.2	24.7	95	97	92	86	84	85	89.8	124.2
Mean	58.46	58.97	59.52	57.14	58.02	59.40	58.59	25.4	25.2	28.4	28.6	26.8	26.3	26.8	30	24.1	91	91.8	80.6	79	87.4	89	86.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	699.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	Calm	Calm	NE	NE	Calm	NE	4.5	23	45.1	32.7	105.3	10	Ci.-S.	Cu. S	6	Ci.	Cu.
2	NE	Calm	NE	NE	N	N	27.1	49.3	72.4	64.6	213.4	7	Ci.	Cu. NE	5	Ci.	Cu. NE
3	N	N	N	W	SW	SW	80.3	111.5	216.7	80.8	489.3	10	-----	N. N	10	-----	N. NNW
4	SSW	Calm	SSW	Calm	Calm	Calm	27.2	32.8	25.5	4.5	90	3	Ci.	Cu. SSW	6	Ci.	Cu. S
5	Calm	Calm	NE	ENE	Calm	Calm	5	34.1	42.1	23.9	105.1	3	Ci.	Cu.	3	Ci.	Cu. E
6	Calm	Calm	NE	NE	Calm	Calm	35.9	57.3	57.1	22.8	173.1	10	Ci.-S.	S.-Cu. NE	8	Ci.	Cu. NE
7	Calm	Calm	Calm	Calm	Calm	Calm	18.3	23.1	38.4	7	86.8	4	Ci.	Cu. ENE	10	Ci.-S.	S.-Cu. ENE
8	Calm	Calm	ENE	Calm	ENE	ENE	5.8	30.3	33.3	36.7	106.1	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. E
9	Calm	Calm	ENE	ENE	N	N	20.7	53.6	57.4	59.3	191	10	Ci.-S.	S.-Cu. E	6	Ci.	Cu. E
10	Calm	ENE	ENE	ENE	ENE	ENE	32.8	101.7	91.2	46.5	272.2	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. ENE
11	Calm	Calm	ENE	Calm	Calm	Calm	10.5	27.7	19.6	5.8	63.6	10	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu. SSE
12	Calm	Calm	ENE	S	Calm	SW	5.8	25.7	25.1	19.6	76.2	2	Ci.	Cu.	10	Ci.-S.	S.-Cu. SE
13	Calm	Calm	NE	ENE	Calm	Calm	4.6	22.8	33	22.8	83.2	3	Ci.	Cu.	3	Ci.	Cu. E
14	Calm	Calm	ENE	ENE	ENE	Calm	7.5	33	41.5	24.3	106.3	4	Ci.	Cu. E	5	Ci.	Cu. E
15	Calm	Calm	ENE	ENE	ENE	ENE	16.1	48.3	57.9	58.9	181.2	5	Ci.	Cu. E	3	Ci.	Cu. E
16	ENE	Calm	ENE	ENE	Calm	Calm	53.7	48.3	36.5	23	161.5	6	Ci.	Cu. ENE	10	Ci.-S.	S.-Cu. ENE
17	ENE	ENE	ENE	ENE	ENE	ENE	59.5	97.6	71.8	65.7	294.6	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. NE
18	ENE	ENE	ENE	ENE	ENE	ENE	96.3	99.8	88.8	94.1	379	5	Ci.	Cu. ENE	5	Ci.	Cu. ENE
19	ENE	ENE	ENE	ENE	ENE	ENE	100.6	89.3	100.6	103	393.5	10	Ci.	Cu. NE	8	Ci.	Cu. NE
20	ENE	ENE	ENE	ENE	ENE	ENE	91.7	98.2	107.5	103.3	400.7	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
21	ENE	ENE	ENE	ENE	ENE	ENE	85.3	81.3	89.3	100.1	356	7	Ci.	Cu. ENE	10	Ci.-S.	Cu. ENE
22	ENE	ENE	ENE	ENE	ENE	ENE	75.3	108.1	112	79.2	374.6	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. ENE
23	ENE	ENE	ENE	ENE	ENE	ENE	60.9	74.8	67.1	63.1	265.9	10	Ci.-S.	Cu. ENE	6	Ci.	Cu. NE
24	ENE	E	Calm	ENE	Calm	Calm	48	30.9	30.3	26.4	135.6	8	Ci.	Cu. ENE	10	Ci.-S.	Cu. NE
25	Calm	Calm	E	E	Calm	Calm	22.5	42.8	28.7	7.4	101.4	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
26	Calm	Calm	Calm	E	Calm	Calm	4.6	25.2	32.5	3	65.3	7	Ci.	Cu.	10	Ci.-S.	S.-Cu. ENE
27	Calm	Calm	Calm	ENE	ENE	Calm	4.8	18.2	44.6	29.2	96.8	10	Ci.-S.	Cu. E	7	Ci.	Cu. ENE
28	ENE	Calm	NE	NE	NE	ENE	14.7	35.2	49.1	41	140	10	Ci.-S.	N. ENE	7	Ci.	Cu. NE
29	Calm	Calm	ENE	ENE	ENE	ENE	10.8	26.6	49.4	40	126.8	7	Ci.	Cu. ENE	5	Ci.	Cu. ENE
30	Calm	Calm	NE	NE	NE	NE	11.9	57.3	81.6	68.9	219.7	10	Ci.-S.	N. NE	10	Ci.-S.	S.-Cu. NE
Mean	-----	-----	-----	-----	-----	-----	34.8	53.6	61.5	45.3	195.1	7.7	-----	-----	7.8	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5,854.2	-----	-----	-----	-----	-----	-----

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

DECEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.42	60.66	61.76	58.91	59.76	60.71	60.20	26.2	26	26.8	27	25.4	25.7	26.2	28	24.5	87	85	82	95	92	91	88.7	44
2	59.70	60.55	61.68	59.32	59.63	60.83	60.28	25.5	24.2	24.5	23.5	26.3	26.4	25.1	26.4	23	91	95	93	96	85	81	90.2	121.4
3	59.46	59.86	61.42	59.01	59.52	60.08	59.89	26.4	26.2	24.4	24.4	24	26.2	25.3	26.4	23.5	81	83	97	92	93	82	88	69.6
4	59.12	59.21	60.71	58.62	59.01	59.81	59.41	26.2	26.2	27.5	27.2	26.5	25.8	26.6	28.8	23.7	82	79	73	77	73	78	77	6.2
5	57.93	57.99	59.58	57	57.45	58.20	58.02	26.4	25.8	27.4	27.5	26.5	26.2	26.6	27.8	25	73	75	70	66	69	75	71.3	.3
6	56.66	55.83	56.10	51.78	51.32	48.87	53.43	26	25	24.5	24.1	24.8	25	24.9	26.2	23.5	78	88	90	96	97	100	91.5	204.1
7	42.45	40.09	46	48.84	50.88	53.02	46.88	25.3	25.8	24.5	25.2	25.6	27	25.6	27.2	22	94	88	94	86	79	77	86.3	22.2
8	53.60	54.35	56.46	54.08	55.61	57.48	55.26	27.2	27.4	29.8	31.5	27.3	25.3	28.1	31.8	25	75	74	66	57	76	89	72.8	------
9	56.46	57.18	57.93	56.01	57.33	58.30	57.20	26	25	28.5	29.8	27.2	25.4	27	31.6	24.4	84	92	81	75	89	95	86	.8
10	57.88	58.45	59.02	57.38	58.05	58.78	58.26	24.6	23.8	28	27.6	26	24.8	25.8	29.2	23.5	97	97	85	84	96	93	92	15.5
11	57.37	57.46	58.55	56.48	57.04	58.15	57.51	24.2	23.8	27.3	27.5	26.4	26.4	25.9	27.8	23.5	97	97	88	85	92	92	91.8	------
12	56.77	57.45	58.03	55.85	56.80	57.90	57.13	24.4	23.6	29	26.2	24.7	24	25.3	29.2	23.5	97	98	78	95	94	97	93.2	33.3
13	56.57	57.15	58.07	55.53	56.51	57.73	56.93	23.6	22.8	29.5	29	26.8	24.9	26.1	29.6	22.6	95	97	75	78	90	94	88.2	------
14	57.07	57.76	58.40	56.39	57.49	58.39	57.58	24.4	23.9	28.8	27.5	26.4	24.9	26	28.8	23.8	97	97	76	84	92	98	90.7	------
15	57.37	58.47	59.54	56.81	57.82	59.20	58.20	23.6	23.2	27	29.4	26.7	25.2	25.8	29.6	23.1	97	98	90	78	90	96	91.5	1.6
16	58.31	58.80	60.03	58.39	58.87	59.58	59	24.6	23.8	28.5	29	27.1	26	26.5	29.8	23.8	95	97	85	79	87	96	89.8	20.6
17	58.80	59.61	60.46	58.17	58.88	59.88	59.30	25.8	25.1	28	27	26.6	25.5	26.3	29	25	92	91	86	90	92	96	91.2	5.1
18	58.95	59.84	61.16	59.10	60.49	61.78	60.22	24.7	26.3	28.7	26.1	24.7	24.7	25.9	28.7	24	97	90	80	91	94	94	91	31.8
19	60.73	61.13	62.29	60.27	61.02	61.87	61.22	24.6	25.5	24.5	24.6	24	25.1	24.7	25.8	23.4	93	84	92	91	96	89	90.8	57.6
20	61.12	61.52	62.89	60.90	61.55	62.33	61.72	24.8	24.8	25	25	24.6	25.3	24.9	25.6	23.8	91	91	90	90	92	88	90.3	33.9
21	61.40	61.43	62.75	60.63	60.53	61.48	61.37	24.1	24.6	26	25.9	25.2	26.3	25.4	26.9	23.5	97	92	88	89	93	86	90.8	31.7
22	60.14	60.69	61.81	60.22	60.99	61.78	60.94	26.1	26	26.8	25.2	26	26.1	26	27	24.5	86	87	83	90	79	78	83.8	7.4
23	61.08	61.28	62.46	60.23	61.38	62.50	61.49	25.9	25.4	26.4	25.8	24.4	24.5	25.4	27.8	23.5	80	84	81	81	91	91	84.7	11.4
24	61	61.20	62.11	59.98	60.73	61.12	61.02	25	24	26.6	26.2	26.4	26.5	25.8	27.7	23.5	87	91	80	90	84	83	85.8	11.5
25	60.18	60.63	61.11	59.14	59.98	61.73	60.46	26	25.5	27.8	27.7	26.6	23.6	26.2	28.7	23.5	85	88	81	83	88	97	87	42.5
26	59.56	60.27	60.61	58.74	59.25	59.75	59.70	25.6	25	26.5	25.4	25	25.2	25.4	26.7	23.8	87	95	92	93	97	97	93.5	87
27	58.33	58.91	59.28	56.68	57.70	57.98	58.15	25.7	25.4	27	27.4	26.7	26	26.4	28.4	25	96	97	90	89	93	95	93.3	7.9
28	57.28	57.50	58.63	56.28	57.60	58.24	57.59	24.6	24	27.4	29	26.3	25	26	29.6	24	97	99	91	82	93	98	93.3	2.8
29	57.10	57.80	58.30	56.22	58.03	59.29	57.79	25	24.5	27.8	29.4	27.5	27.2	26.9	29.4	23.8	97	97	88	82	92	90	91	99.6
30	58.90	59.06	59.83	58.41	59.37	60.31	59.31	23.5	23.2	28.4	29.4	27	26.4	26.3	29.6	23.2	97	98	82	77	87	90	88.5	3.3
31	59.23	59.84	60.39	58.27	58.90	59.76	59.40	26.1	25.2	28.4	29.5	26	26.7	27	29.8	24.2	93	98	85	78	92	89	89.2	25.2
Mean	58.06	58.45	59.59	57.54	58.37	59.25	58.54	25.2	24.9	27.1	27.1	26	25.6	26	28.4	23.8	90.2	91	84.3	84.5	88.9	90.2	88.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	998.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	ENE	ENE	ENE	ENE	115.3	102.2	103	91.9	412.4	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. ENE
2	ENE	ENE	ENE	Calm	ENE	ENE	72.1	90.7	26.8	77.5	267.1	10	------	N. NE	10	------	N. WSW
3	NNE	NNE	NNE	NE	Calm	NE	95.5	87.5	40.7	54.7	278.4	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	S.-Cu. NE
4	NNE	NNE	NNE	NNE	NE	NE	82.1	87.9	78.9	80	328.9	10	Ci.-S.	Cu. NNE	10	Ci.-S.	S.-Cu. NNE
5	NE	NE	NE	NNE	NNE	N	99.8	97.7	80.7	87.2	365.4	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NNE
6	N	N	N	NW	NNW	NNW	91.4	87.2	110.7	150	439.3	10	Ci.-S.	S.-Cu. N	10	------	N. NW
7	NNE	ENE	ENE	W?	ENE	ENE	276.8	219.1	86.6	73.5	656	10	------	N. ENE	10	Ci.-S.	Cu. SE
8	E	SE	E	E	Calm	Calm	56.9	52.9	29.2	10.7	149.7	10	Ci.-S.	Cu. S	2	Ci.	Cu. SE
9	ENE	Calm	ENE	ENE	Calm	Calm	21.9	28.5	42.6	3.5	96.5	2	Ci.	Cu.	3	Ci.	Cu.
10	Calm	Calm	ENE	ENE	Calm	ENE	5.9	21.4	35.7	33	96	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. ENE
11	Calm	Calm	ENE	ENE	Calm	Calm	7.2	35.6	38.1	3.8	84.7	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu.
12	Calm	Calm	ENE	Calm	Calm	Calm	4.5	21.2	18.5	3	47.2	10	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu. N
13	Calm	Calm	Calm	N	Calm	Calm	2.2	18	26.6	11	57.8	10	Ci.-S.	Cu.	7	Ci.	Cu. SW
14	Calm	Calm	ENE	Calm	Calm	Calm	11.3	21.2	14.2	3.7	50.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
15	Calm	Calm	Calm	ENE	Calm	Calm	5.8	22.7	38.9	6.6	74	5	Ci.	Cu.	4	Ci.	Cu. ENE
16	Calm	Calm	Calm	ENE	Calm	Calm	8	23.9	44	9.5	85.4	4	Ci.	Cu.	8	Ci.-S.	Cu. ENE
17	W	Calm	ENE	Calm	Calm	NNW	23.1	30.3	34.8	34	122.2	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	Cu. NNE
18	Calm	E	NE	NE	NE	ENE	17.2	61.4	120.1	131.5	330.2	7	Ci.	Cu. ENE	10	Ci.-S.	S.-Cu. NE
19	ENE	ENE	NE	ENE	ENE	ENE	137.1	129.5	118.3	115.9	500.8	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. ENE
20	ENE	ENE	ENE	ENE	ENE	ENE	136.8	122.3	103.5	97.6	460.2	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
21	NE	NE	NE	NE	NE	NE	77.9	78.4	65.2	83.9	305.4	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
22	NE	NE	NE	NE	NE	NE	79.1	110.7	110.4	117.3	417.5	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
23	NE	NE	NE	NE	NE	NE	112.7	136.8	136.8	119.1	505.4	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
24	NE	NE	NE	NE	NE	NE	125.7	123.9	108.9	86.1	444.6	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
25	NE	NE	NE	NE	NE	NE	67.1	89.3	87.7	79.2	323.3	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
26	NE	NNE	NE	NE	NE	NE	74.5	99.5	87.1	50.9	312	10	Ci.-S.	S.-Cu. NNE	10	------	N.
27	Calm	ENE	NE	NE	NE	Calm	48.6	65	65.4	34.6	213.6	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Cu. NE
28	Calm	Calm	NE	NE	Calm	Calm	3.5	19.5	40.4	2.7	66.1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. NE
29	Calm	Calm	ENE	ENE	ENE	ENE	6.7	29	50.9	42.6	129.2	3	Ci.	Cu.	2	Ci.	Cu.
30	Calm	Calm	NE	NE	NE	NE	19.3	28	52.5	40	139.8	4	Ci.	Cu. NE	6	Ci.	Cu. NE
31	NE	Calm	NE	ENE	ENE	ENE	45.6	44	61.8	55.8	207.2	10	Ci.-S.	S.-Cu. NE	6	Ci.	Cu. ENE
Mean	------	------	------	------	------	------	62.3	70.5	66.4	57.8	257	8.9	------	------	8.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,966.7	------	------	------	------	------	------

SAN ISIDRO.

[φ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

JANUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.69	61.96	62.62	59.92	60.54	61.80	61.42	21.2	19	27.5	32.1	27	23.4	25	32.9	18.4	89	98	65	46	60	80	73	------
2	61.69	62.58	63.09	59.91	60.65	61.76	61.61	21.8	18.6	27.4	32	26.5	23	24.9	32.6	17.5	84	98	66	51	60	79	73	------
3	61.34	61.91	63.09	60.87	61.98	63.06	62.04	20.9	18.6	28.2	31	26.8	24	24.9	31.9	18	88	97	58	48	64	75	71.7	------
4	62.45	62.93	63.58	61.42	62.34	63.37	62.68	21	19.5	28.4	31.2	27	25.2	25.4	32.3	18.6	82	91	53	51	66	76	69.8	------
5	62.51	63.04	63.40	60.50	61.47	62.43	62.22	23.4	22	28.4	31.4	28	25.6	26.5	32.1	21.4	88	91	68	60	70	83	76.7	------
6	61.89	62.27	62.61	60.07	60.81	61.52	61.53	23	21.3	29	31.1	28.2	24.6	26.2	32.2	20.9	91	97	74	66	80	95	83.8	------
7	60.76	61.31	61.83	59.23	60.46	61.75	60.89	24	23.1	28.5	30.5	26.2	24.2	26.1	32	22.5	97	97	80	66	79	86	84.2	------
8	60.88	61.64	62.38	60.58	61.02	62.20	61.45	23.2	22	26.8	26.8	27	24	25	29.5	21.4	90	91	74	83	70	88	82.7	0.8
9	61.11	61.81	62.99	60.41	61.60	63.04	61.83	21.5	20.6	27.6	30.5	26.7	23.7	25.1	30.9	20.2	92	98	74	63	73	85	80.8	------
10	61.66	62.50	63.59	61	61.69	63	62.24	23	22.8	29.5	32	27.5	24.9	26.6	32.5	21.7	90	93	64	57	72	83	76.5	------
11	62.06	62.91	64.07	61.17	61.46	62.72	62.40	22.5	21	28	32.5	29.2	23.8	26.2	33.9	20.4	96	98	74	54	60	93	79.2	------
12	61.66	62.70	63.83	61.27	62.07	63.79	62.55	22.5	20.6	25.5	31.2	27.7	24.7	25.4	31.6	20	96	99	88	64	69	89	84.2	------
13	62.66	63.72	64.40	62.37	63.38	64.68	63.54	23	21.7	28	30.9	26.9	23.5	25.7	31.6	21	93	99	72	53	60	76	75.5	------
14	63.59	63.84	65.02	62.88	63.49	64.39	63.87	21.6	21.4	27.9	29.5	25.5	22.7	24.8	30.1	20.1	86	87	60	54	72	81	73.3	------
15	63.69	64.46	65.88	63.52	64.07	65.27	64.48	20.8	21.1	26.8	28.5	25.1	21	23.9	29.7	20.2	91	90	58	54	67	80	73.3	------
16	64.81	65.40	66.14	63.93	64.87	65.69	65.14	21	19.4	27.2	29.5	25.6	23.5	24.4	31	18.4	82	90	59	51	64	76	70.3	------
17	64.91	65.53	66.41	63.57	64.22	65.15	64.96	20.4	19.6	26.4	30.2	25.6	23.7	24.3	31.7	18.4	87	89	63	48	67	77	71.8	------
18	64.12	65.05	65.92	63.61	63.89	64.56	64.52	21.8	22	26	28.5	26	23.4	24.6	30.2	20.7	87	87	69	59	67	80	74.8	------
19	63.44	63.76	64.07	60.93	61.64	63.08	62.82	20.5	18.9	27.4	32	27.5	24	25	32.6	18.3	86	95	60	49	64	77	71.8	------
20	62.06	62.49	62.79	59.46	59.97	62.23	61.50	21.4	19.5	27.5	31.9	29.5	25	25.8	32.7	18.5	87	95	64	44	55	76	70.2	------
21	61.59	62.41	62.89	59.99	60.94	62.68	61.75	21.5	19	27	33.2	28.4	24.4	25.6	34.1	18.4	95	96	63	43	58	72	71.2	------
22	61.90	63.04	63.97	60.42	61.34	62.88	62.26	21.6	20.5	27.6	32.6	28.5	25.7	26.1	34	19.5	95	95	64	46	54	78	72	------
23	61.73	62.39	63.08	60.47	61.24	62.94	61.98	24.5	23	29	32.4	27.4	24.4	26.8	33.5	22.4	87	90	62	49	67	84	73.2	------
24	61.66	62.14	62.57	60.21	61.47	62.80	61.81	23.4	21.5	27.6	31.2	26	23.2	25.5	31.4	21	91	94	63	51	65	81	74.2	------
25	62.44	63.26	63.87	61.07	61.67	62.54	62.48	21.7	20.4	28.5	32	27	24.8	25.7	32.7	19.2	87	91	59	50	67	78	72	------
26	61.91	62.71	63.84	61.07	61.79	62.53	62.31	22.2	22.1	27.3	31.5	27.4	25.9	26.1	32	21.5	89	90	73	54	64	72	73.7	------
27	61.69	62.21	62.79	61.03	61.09	62.16	61.83	22.8	21.5	28.2	26	26.6	23.4	24.8	30	20.2	84	91	63	84	75	91	81.3	.5
28	60.91	61.39	62.75	59.98	60.61	62.23	61.31	22	21	28.1	30.2	28.4	26.5	26	32.8	20.4	93	95	67	64	62	69	75	.8
29	60.87	62.07	63.10	60.56	60.92	62.37	61.65	23.4	20.6	28.2	31.5	27.3	25.2	26	32.4	20.2	91	99	66	52	65	76	74.8	------
30	61.08	62.06	63.28	61.51	62.10	63.29	62.22	24	23.6	26.9	29	26.8	23.9	25.7	30	22.5	83	83	72	61	71	80	75	------
31	61.89	62.89	63.27	60.80	60.88	62.45	62.03	22	20.5	27	31.1	29	24.5	25.7	33.1	19.4	91	91	70	55	60	77	74	------
Mean	62.15	62.85	63.65	61.09	61.80	63.04	62.43	22.2	20.9	27.7	30.8	27.2	24.2	25.5	31.9	20	89.3	93.4	66.6	55.8	66	80.4	75.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	N	1	N	1	N	2	NE	2	E	2	N	1	0	------------	S.	3	A.-Cu.	Cu. E
2	N	2	N	1	N	3	E	2	E	3	N	2	6	------------	S. N	3	A.-Cu.	Cu. E
3	N	1	N	2	NE	3	E	3	E	3	N	1	0	------------	S.	2	A.-Cu.	Cu. E
4	N	2	N	2	N	2	NE	4	E	4	NE	1	1	------------	Cu.	5	A.-Cu. SE	Cu. E
5	N	1	N	1	N	2	NE	3	E	2	E	2	6	Ci.	Cu.-N. E	6	Ci.	Cu. E
6	N	2	N	2	NE	2	E	3	N	4	N	2	3	Ci.	Cu.	6	Ci.	Cu. E
7	N	1	Calm	----	N	2	NW	4	NW	5	NW	2	6	Ci.	Cu. E	5	Ci.	Cu. N
8	N	1	N	1	N	2	E	2	N	2	N	2	4	Ci.	Cu. NE	7	Ci.	Cu.-N. E
9	N	1	N	1	E	1	E	3	E	4	N	2	2	Ci.	Cu. E	5	Ci.	Cu.-N. E
10	N	2	NE	2	E	4	E	3	E	2	E	1	6	Ci.	Cu.-N. E	5	Ci.	Cu. E
11	N	1	NW	1	N	2	E	2	N	3	N	2	0	------------	Cu.	4	A.-Cu.	Cu. E
12	N	1	N	1	E	2	E	2	E	2	N	2	7	Ci.	Cu.-N. E	5	Ci.	Cu. E
13	N	1	N	1	E	3	E	2	E	3	N	2	7	Ci.	Cu.-N. E	5	Ci.	Cu. E
14	N	2	N	2	N	2	E	4	E	4	N	1	7	Ci.	Cu.-N. E	7	Ci.	Cu.-N. E
15	N	2	N	2	E	5	E	5	E	4	N	2	10	Ci.-S.	Cu.-N. E	6	Ci.	Cu.-N. E
16	N	1	N	2	N	2	E	4	E	2	N	2	5	Ci.	Cu. E	5	Ci.	Cu. E
17	N	1	N	1	N	3	E	5	E	4	E	1	6	Ci.	Cu. E	4	Ci.	Cu. E
18	N	1	Calm	----	N	2	E	3	E	2	N	1	6	Ci.	Cu.-N. E	7	Ci.	Cu. E
19	N	1	N	1	N	2	E	2	E	3	N	1	2	Ci.	Cu. E	5	Ci.	Cu. E
20	N	1	N	1	N	2	E	2	N	3	N	1	5	Ci.	Cu. E	4	A.-Cu.	Cu. E
21	N	1	N	1	N	2	SE	2	SE	2	N	1	4	Ci.	Cu. E	5	A.-Cu.	Cu. E
22	N	1	N	1	N	2	N	3	E	2	E	1	3	Ci.	Cu. E	5	A.-Cu.	Cu. E
23	N	1	N	1	NE	2	E	4	E	3	N	1	6	Ci.	S.-Cu. E	8	Ci.	Cu.-N. E
24	N	1	N	1	N	1	E	4	E	4	E	2	5	Ci.	Cu.	5	Ci.	Cu. E
25	N	2	N	1	N	2	E	4	E	4	E	1	7	A.-Cu.	Cu. E	3	A.-Cu.	Cu. E
26	N	1	N	1	E	3	E	5	E	4	E	2	9	Ci.	Cu.-N. E	5	Ci.	Cu. E
27	N	1	N	1	E	2	E	3	E	2	E	1	6	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
28	N	1	N	1	N	3	E	2	E	2	N	2	5	Ci.	S.-Cu. E	5	A.-Cu.	Cu.-N. E
29	N	1	N	1	E	2	SE	3	SE	2	N	1	6	Ci.	Cu. E	5	Ci.	Cu. E
30	N	1	N	1	E	1	E	5	E	3	N	1	7	Ci.	S.-Cu. E	7	Ci.-S.	Cu.-N. E
31	N	2	N	2	E	4	E	3	E	2	N	2	3	Ci.	Cu.	4	Ci.	Cu. E
Mean	------	1.3	------	1.2	------	2.3	------	3.2	------	2.9	------	1.5	4.8	------------	------------	5.2	------------	------------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

FEBRUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.84	62.79	63.53	60.92	61.04	62.39	62.08	24	20.9	27.9	32.8	29.2	26.2	26.8	34	20.1	81	92	68	46	57	67	68.5	------
2	61.26	61.84	62.52	59.87	59.71	60.89	61.02	22.2	20.6	27.9	32.1	30	24.7	26.2	34	20.2	84	91	68	43	56	72	69	------
3	59.73	60.60	61.54	59.24	59.72	61.04	60.31	21.8	20.5	27.6	33.1	29.5	23.5	26	34.1	19.2	84	90	66	45	52	75	68.7	------
4	60.10	61.04	61.68	59.30	59.67	61.45	60.54	21.2	19.6	27.8	32.6	30.4	24.4	26	33.9	18.9	89	89	58	39	45	69	64.8	------
5	60.86	62.26	62.79	59.79	60.45	62.11	61.38	22.2	20.4	27.7	33.1	29.3	24.2	26.2	34	19.6	81	91	62	42	55	72	67.2	------
6	61.06	61.84	62.63	59.50	59.81	61.22	61.01	21.5	21.4	28.1	33.6	30.5	25.5	26.8	34.5	20.3	87	83	60	42	54	72	66.3	------
7	60.31	61.32	61.98	59.86	60.17	61.68	60.89	22.4	20	28.6	32.2	28.4	23.5	25.8	33.5	19.4	88	91	60	45	61	77	70.3	------
8	60.98	62	63.18	60.56	60.82	62.25	61.63	21.5	19.5	28	32.9	29.5	23.5	25.8	34	18.6	87	93	63	40	53	79	69.2	------
9	61.64	62.25	63.34	61.03	61.16	61.84	61.88	21.5	19	28	32.6	28	25.4	25.8	32.7	18.1	82	94	64	45	54	69	68	------
10	60.67	61.80	61.88	59.61	60.04	60.75	60.79	20.6	19.4	30.3	31.5	28.4	25.8	26	33.5	18.3	85	90	58	54	64	73	70.7	------
11	59.94	60.71	61.61	59.06	59.57	61.30	60.36	22.2	22.1	28.6	32.4	28.5	25.2	26.5	33.3	21.2	89	89	70	56	64	76	74	------
12	60.53	61.06	61.79	59.98	59.82	61.44	60.77	23	21.6	28.5	30	28.1	25.8	26.2	31.9	21	86	95	70	65	66	75	76.2	------
13	60.38	61.51	62.46	59.69	59.98	61.22	60.87	22.8	20.5	27.8	32.5	27.5	25.2	26	34.2	19.8	88	95	70	49	63	71	72.7	------
14	60.28	61.44	62.89	61.12	62.01	63.16	61.82	21.8	20.4	29	31.4	27.5	23.8	25.6	31.7	20	84	92	64	54	62	78	72.3	------
15	62.56	63.88	64.48	61.85	62.02	63.36	63.02	20.6	18.5	28.6	33.3	28.5	23.4	25.5	33.9	17.2	85	93	60	39	46	68	65.2	------
16	62.46	63.51	64.12	61.45	61.24	62.80	62.60	19.6	17.6	27.9	31.7	28	22.4	24.5	33	17	90	88	58	43	51	69	66.5	------
17	61.76	62.77	64.19	60.75	59.87	61.96	61.88	19.2	17.2	27.5	32.6	31.7	24.7	25.5	33.9	16.5	87	90	57	41	45	70	65	------
18	60.63	62.12	63.44	60.68	60.86	63.09	61.80	21.5	19.2	27.5	31.5	29.8	25.5	25.8	33.5	18.5	87	94	64	48	56	72	70.2	------
19	61.88	63	64.02	61	61.32	63.10	62.39	22.4	20.6	28.4	33.8	28.7	24.4	26.4	34.6	20.1	82	89	66	41	59	80	69.5	------
20	61.56	62.31	63.34	60.58	61.08	63.08	61.99	23	19.2	27.2	31.1	28.5	24.7	25.6	32.6	18.8	83	98	68	55	63	83	75	------
21	61.81	62.54	63.37	61.33	61.87	63.04	62.33	24.5	23.3	28	29.6	27	25.2	26.3	31	23	84	85	71	61	70	82	75.5	------
22	61.69	62.91	64.01	61.44	62.12	63.14	62.55	23.8	22.6	25	28.2	25.8	22.8	24.7	29.1	21.7	89	94	92	74	78	93	86.7	1.8
23	62.22	63.41	64.36	61.65	61.73	62.79	62.69	22.8	22.5	24.6	30.3	27.5	24.2	25.3	31.6	21.9	93	96	93	61	68	79	81.7	.3
24	61.81	62.88	63.65	61.15	61.49	62.86	62.31	20.7	19.4	28.5	32.1	27.1	25	25.5	33.1	18.7	90	96	64	46	63	70	71.5	------
25	62.21	63.23	63.74	61.53	61.63	62.44	62.46	21.4	19	29.5	30.2	27	23.7	25.1	32.3	17.9	87	93	55	55	66	81	72.8	------
26	61.66	62.96	63.52	60.61	60.55	62.14	61.91	20.7	18.3	29.6	32.6	29	23.9	25.7	34	17.6	90	97	58	46	61	72	70.7	------
27	61.26	62.41	63.07	60.15	59.70	62.07	61.44	21.9	19.6	29	34	30	25.8	26.7	34.5	18.9	83	93	58	43	61	67	67.5	------
28	61.64	62.91	63.81	60.39	60.78	62.66	62.03	22	20.6	28.7	33.2	27.4	24.8	26.1	33.7	19.5	82	92	59	42	63	72	68.3	------
Mean	61.24	62.26	63.10	60.50	60.72	62.19	61.67	21.9	20.1	28.1	32	28.6	24.5	25.9	33.2	19.4	86	91.9	65.1	48.6	59.1	74.4	70.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	E	1	SE	1	SE	2	N	2	4	Ci.	Cu.	5	Ci.	Cu. SE
2	N	2	N	1	N	1	E	2	Calm	----	N	2	2	Ci.	S.	5	Ci.	Cu. E
3	N	1	NE	1	E	2	SE	2	SE	2	SE	1	10	Ci.-S.	Cu.-N. E	3	A.-Cu.	Cu. E
4	N	1	N	1	N	1	N	2	SW	3	Calm	----	2	Ci.	Cu. E	1	Ci.	Cu.
5	N	1	N	1	N	2	S	3	S	2	N	1	2	Ci.	Cu.	4	A.-Cu.	Cu. E
6	N	1	N	1	E	1	SE	2	S	2	N	1	6	Ci.	Cu.-N. E	4	Ci.	Cu. E
7	N	2	N	1	SE	1	E	2	E	4	N	1	3	Ci.	Cu.	4	A.-Cu.	Cu. E
8	N	1	N	1	E	2	E	3	E	2	N	1	1	Ci.	S.	4	A.-Cu.	Cu. E
9	N	2	N	2	N	2	E	5	E	4	E	3	2	Ci.	Cu.	4	A.-Cu.	Cu. E
10	N	1	N	1	E	4	E	3	E	4	E	1	1	Ci.	Cu.	4	Ci.	Cu. E
11	N	1	N	1	NE	4	E	4	E	4	E	2	5	Ci.	Cu. E	6	Ci.	Cu.-N. E
12	N	2	N	1	N	2	N	3	E	3	E	2	5	Ci.	Cu. E	5	Ci.	Cu.-N. E
13	N	2	N	1	N	3	E	5	E	4	N	1	1	Ci.	Cu.	2	A.-Cu.	Cu. E
14	N	2	N	2	NE	3	NE	4	E	3	N	1	1	Ci.	Cu.	7	A.-Cu.	Cu. E
15	N	1	N	2	E	2	E	2	E	4	E	1	1	Ci.	------------	2	A.-Cu.	Cu. E
16	N	1	N	1	E	2	SE	4	SE	2	N	1	2	Ci.	Cu. E	2	A.-Cu.	Cu. E
17	N	1	N	2	N	1	E	2	E	1	N	2	1	Ci.	S.-Cu.	4	A.-Cu.	Cu. E
18	N	1	N	1	E	2	E	3	E	3	N	2	2	Ci.	S.	5	A.-Cu.	Cu. E
19	N	1	N	1	N	4	N	3	N	1	N	2	4	Ci.	S.	5	A.-Cu.	Cu. N
20	N	1	N	1	N	2	E	3	E	2	N	1	2	Ci.	S.	6	Ci.	Cu. E
21	N	1	N	1	E	1	S	3	Calm	----	Calm	----	7	Ci.	S.-Cu. E	8	Ci.-S.	Cu.-N. E
22	N	1	NE	1	NE	1	E	3	N	3	N	2	10	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
23	N	1	N	1	NE	4	E	4	E	4	N	1	8	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu.-N. E
24	N	1	N	1	E	2	E	5	SE	5	N	1	1	Ci.	Cu.	3	Ci.	Cu. E
25	N	1	N	2	E	3	SE	5	SE	4	N	1	0	------------	Cu.	6	Ci.	Cu. E
26	N	1	N	1	E	4	E	4	E	3	N	3	1	------------	Cu.	4	A.-Cu.	Cu. E
27	N	1	N	1	N	3	NE	2	E	4	N	2	2	Ci.	Cu.	5	A.-Cu.	Cu. E
28	N	1	N	2	N	2	E	4	E	4	N	1	6	A.-Cu.	Cu. E	4	A.-Cu.	Cu. E
Mean	-------	1.2	-------	1.2	-------	2.2	-------	3.1	-------	2.8	-------	1.4	3.3	------------	------------	4.6	------------	------------

SAN ISIDRO.

[φ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

MARCH, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.76	62.65	64.03	61.46	61.75	63.32	62.50	23.6	23.2	27	29.9	26	25.2	25.8	30.4	22.7	81	83	67	50	67	74	70.3	------
2	62.51	63.44	64.79	62.15	61.81	63.35	63.01	23.5	21.5	28.2	31.2	28.4	25.9	26.4	32.4	21	84	87	62	52	55	67	67.8	------
3	62.11	63.25	64.70	62.07	61.97	63.19	62.88	23.5	21.1	27	32	28	26	26.3	32.4	20.5	79	85	69	46	60	65	67.3	------
4	62.49	63.64	64.84	62.48	62.42	63.42	63.22	22.5	20.5	28.4	31.8	29	26	26.4	34	19.7	78	86	64	50	59	69	67.7	------
5	62.76	63.79	64.41	61.84	61.62	63.20	62.94	23.8	20.6	30.1	33.8	29.5	25.8	27.3	35	20.1	77	90	63	39	43	60	62	------
6	62.39	63.40	63.69	61.38	61.22	62.57	62.44	22.8	21	29.1	29.8	27.6	24.8	25.8	31.6	20	84	82	64	56	60	71	69.5	------
7	61.81	62.43	63.39	60.59	60.12	62.89	61.87	21.4	19.4	27.6	35	33.8	26	27.2	36.1	18.6	78	90	66	34	36	72	62.7	------
8	62.44	63	63.96	61.35	61.95	64.09	62.80	24	21.1	30	34.7	29.5	27.4	27.8	35.4	20.6	75	92	59	46	56	67	65.8	------
9	62.94	63.54	64.35	61.96	62.33	63.99	63.18	24.8	21.4	30.3	32.6	28.8	26	27.3	33.2	20.7	72	91	52	44	61	72	65.3	------
10	63.06	63.82	64.48	61.35	61.21	63.87	62.96	23	20.9	30	34.6	33.5	26.8	28.1	36.4	20.4	83	90	59	34	40	75	63.5	------
11	62.41	62.99	63.87	60.60	60.41	61.89	62.03	24	21.6	30.6	34.9	29.9	26	27.8	35.8	20.7	83	91	53	37	46	67	62.8	------
12	60.83	61.51	62.14	58.77	58.45	60.83	60.42	23.2	20.7	29.4	35.6	32	27.9	28.1	36.1	20.1	81	85	62	41	48	69	64.3	------
13	60.09	61.18	62.46	59.48	59.55	61.89	60.78	24.4	23.9	29.8	34.3	31.5	26.7	28.4	36.4	23.1	83	84	62	42	49	75	65.8	------
14	60.98	61.98	62.73	59.98	60.23	62.67	61.43	24	22	29.5	35.1	30.6	27.5	28.1	36.3	21.5	86	95	61	41	62	78	70.5	0.5
15	61.99	62.89	63.87	61.35	61.87	63.58	62.59	25.5	24	30.6	32.6	27.5	24.6	27.5	33.6	23.3	88	95	53	48	66	72	70.3	------
16	62.47	62.67	63.46	60.85	60.37	62.43	62.04	22.2	21.4	29.2	32.9	28.6	26	26.7	33.2	20.9	82	87	58	50	61	74	68.7	------
17	61.39	62.39	63.11	59.96	60.12	62.59	61.59	25	23	30.1	35	31.5	25.6	28.4	35.4	22.5	76	87	65	44	51	82	67.5	------
18	61.84	62.45	63.69	61.25	61.96	63.99	62.53	25.2	23.6	29.4	33.4	27.5	26.4	27.6	34.6	23.3	82	91	66	48	66	70	70.5	------
19	62.94	63.72	64.51	61.55	62.03	64.58	63.22	24.5	21.5	29.6	33.2	29.4	26.1	27.4	34.1	20.8	79	90	61	51	62	73	69.3	------
20	62.90	63.28	63.83	61.21	61.07	62.74	62.50	25	23.1	29	31.4	27.6	26	27	32.4	22.5	76	85	62	55	70	72	70	------
21	61.64	62.03	62.67	60.45	60.37	62.17	61.56	23.8	22.6	28	31.1	28.8	26.1	26.7	33	22.1	85	88	70	59	61	75	73	.3
22	60.55	61.05	62.60	60.14	60.69	62.05	61.18	24.9	23.2	26.2	30.8	28.6	26.7	26.7	31.7	22.7	84	95	87	60	66	77	78.2	------
23	61.10	61.83	62.76	60.13	60.83	63.12	61.63	26.1	24	31	34.9	29.7	26.5	28.7	35	23.4	76	87	58	44	56	69	65	------
24	61.90	62.97	63.82	60.34	60.66	62.84	62.09	23.5	21.6	30.7	35.4	32.6	27.6	28.6	36	20.8	87	92	60	43	50	77	68.2	------
25	61.89	62.47	62.58	59.41	60.17	61.43	61.32	26.4	25.5	31.6	35.9	28.1	26	28.9	36.9	25	84	88	65	43	84	87	75.2	5.1
26	60.61	61.64	62.74	59.40	60.62	62.15	61.19	24.8	24.4	28	34	28.8	25	27.5	34.1	23.5	93	97	79	52	67	89	79.5	------
27	61.23	61.95	62.71	60.21	60.82	62.82	61.62	24.2	22.5	30.1	32.5	27.5	26	27.1	33.8	21.9	91	96	62	54	69	76	74.7	------
28	61.94	62.64	63.70	60.73	61.06	63.02	62.18	24.8	24	28.1	32	28.1	25.8	27.1	32.2	23.5	85	89	77	55	67	74	74.5	------
29	61.91	62.39	63.59	60.48	60.11	63.01	61.92	23	21.2	29.9	34.7	32.8	27.6	28.2	35.9	20.6	91	95	67	46	54	70	70.5	------
30	61.69	62.34	63.08	60.39	60.98	62.73	61.87	26	24.5	31	34.4	29.5	26.8	28.7	35.9	23.5	78	82	61	48	59	71	66.5	------
31	60.84	61.44	62.36	59.80	59.68	61.81	60.99	25.8	23.5	33	36.1	33.2	27.2	29.8	37	22.9	78	88	56	46	59	75	67	------
Mean	61.85	62.61	63.51	60.75	60.92	62.85	62.08	24.2	22.3	29.4	33.4	29.6	26.3	27.5	34.4	21.7	81.9	89.1	63.5	47	58.4	73	68.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5.9

D ay.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	N	1	N	1	E	2	E	3	E	4	N	1	7	Ci.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
2	N	1	N	1	NE	2	SE	5	E	4	E	2	5	Ci.	S.-Cu. E	5	A.-Cu. SE	Cu. E
3	N	1	N	1	E	2	E	4	E	3	E	2	4	Ci.	S.-Cu. E	5	A.-Cu.	Cu. E
4	N	1	N	1	SE	1	E	3	E	3	E	1	7	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
5	N	1	N	1	E	4	E	4	E	3	E	3	5	Ci.	Cu. E	4	Ci.	Cu. E
6	N	1	N	1	E	4	SE	4	SE	4	N	1	6	Ci.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
7	N	1	N	1	E	2	S	2	S	1	Calm	----	1	Ci.	------------	4	A.-Cu.	Cu. E
8	N	1	N	1	E	2	E	2	E	3	E	3	1	------------	S.	5	A.-Cu.	Cu. E
9	N	1	N	1	E	4	SE	5	SE	4	NE	1	0	------------	Cu.	3	A.-Cu.	Cu. E
10	N	1	N	1	N	3	SE	2	SE	2	N	4	0	------------	Cu.	4	A.-Cu.	Cu. E
11	N	2	N	2	E	3	SE	5	SE	4	N	3	2	Ci.	Cu.	4	A.-Cu.	Cu. E
12	N	1	N	1	E	1	SW	2	S	1	S	1	4	Ci.	Cu. E	5	A.-Cu.	Cu. SE
13	N	1	N	1	N	2	N	2	SW	3	N	2	5	Ci.	Cu. E	4	A.-Cu.	Cu. WNW
14	Calm	----	Calm	----	N	4	N	3	SW	2	Calm	----	3	Ci.	Cu.	4	A.-Cu.	Cu. N
15	Calm	----	Calm	----	NE	3	E	4	E	3	E	2	6	Ci.	Cu.-N.	5	Ci.	Cu.-N. E
16	N	1	N	1	N	2	E	4	E	4	N	1	1	Ci.	S.	3	A.-Cu.	Cu. E
17	N	1	N	1	N	2	N	3	N	3	N	4	6	A.-Cu.	Cu. E	5	A.-Cu.	Cu. N
18	N	1	N	1	N	3	SE	4	SE	4	SE	2	7	Ci.	Cu.-N. E	5	A.-Cu.	Cu.-N. E
19	N	1	N	2	E	2	E	3	E	3	N	3	3	Ci.	Cu. E	5	A.-Cu.	Cu. E
20	N	1	N	1	E	2	SE	3	SE	3	N	1	3	Ci.	S.-Cu.	7	A.-Cu.	Cu.-N. E
21	N	1	N	1	E	2	E	3	E	4	E	3	4	A.-Cu.	Cu. E	9	Ci.-S.	Cu.-N. E
22	N	1	N	2	N	4	E	3	E	3	N	1	10	Ci.-S.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
23	N	1	N	1	NE	3	E	3	E	4	E	1	3	Ci.	Cu.	4	A.-Cu.	Cu. E
24	N	1	N	2	N	2	N	2	SW	4	N	3	3	Ci.	Cu.	6	Ci.	Cu. E
25	N	2	N	2	N	3	NE	3	Calm	----	Calm	----	6	Ci.	Cu.-N. E	5	A.-Cu.	Cu. E
26	Calm	----	Calm	----	N	2	E	3	SE	3	N	1	10	Ci.-S.	Cu.-N. E	5	Ci.	Cu. E
27	N	1	N	1	NE	3	SE	5	SE	5	SE	3	1	Ci.	S.-Cu.	5	Ci.	Cu.-N. E
28	N	1	N	1	E	3	E	5	E	2	N	1	8	Ci.-S.	Cu.-N. E	4	A.-Cu.	Cu. E
29	N	1	N	1	N	2	N	2	N	2	N	1	0	------------	S.	5	A.-Cu.	Cu. E
30	N	1	N	1	E	3	E	4	E	4	E	2	2	Ci.	Cu.	5	A.-Cu.	Cu. E
31	N	1	N	2	E	2	E	2	E	1	N	2	3	Ci.	S.	4	A.-Cu.	Cu. E
Mean	-------	1	-------	1.1	-------	2.5	-------	3.3	-------	3	-------	1.8	4.1	------------	------------	5.3	------------	------------

SAN ISIDRO.

[φ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

APRIL, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.51	60.99	61.41	58.32	58.48	60.34	60.01	26	24.4	31.4	37.2	33	26.7	29.8	38.2	23.9	76	89	61	43	55	90	69	------
2	59.26	60.37	61.43	58.23	58.44	60.66	59.73	25.6	25	32.4	37.2	34	29.8	30.7	38.4	24.5	87	90	55	45	59	65	66.8	------
3	59.62	60.87	61.36	58.38	58.68	61.15	60.01	26.8	25.2	32.6	38.1	32.8	29.8	30.9	38.6	24.6	78	92	63	44	60	70	67.8	------
4	60.07	60.98	61.48	58.56	58.73	61.52	60.22	27.5	26.1	32.1	37.5	35	30.6	31.5	38.6	25.6	84	91	65	45	52	70	67.8	------
5	60.92	61.69	62.19	59.20	59.23	61.92	60.86	29	27.9	32	37.4	34.8	29.6	31.8	39.1	27.4	78	85	64	42	52	70	65.2	------
6	61.07	62.24	62.87	59.61	59.79	61.69	61.21	26.8	25.6	31.8	36.8	34.5	28.4	30.6	38.9	25.1	78	85	58	43	46	69	63.2	------
7	61.59	62.14	62.80	60.22	61.65	63.23	61.94	26	23.1	31.2	36.4	28	26.8	28.6	37.5	22.6	76	89	63	45	77	74	70.7	------
8	61.04	62.15	63.12	60.15	60.40	62.29	61.52	24.4	23	31.4	34.6	30.2	27.8	28.6	35.4	22	88	95	58	44	58	67	68.3	------
9	61.09	62.33	63.32	61.10	61.12	62.52	61.91	25.5	22.6	32	33.9	30.2	27	28.5	35.6	22	80	87	54	48	60	72	66.8	------
10	61.29	62.39	62.85	59.95	60.41	61.99	61.48	25.2	22.8	33	35.4	30.6	28.2	29.2	36.1	22.1	82	84	55	47	62	69	66.5	------
11	60.84	61.09	61.37	58.46	59.06	61.74	60.43	25.8	23.5	32.2	36.2	31.5	28.4	29.6	37.6	22.6	79	87	55	47	57	66	65.2	------
12	60.79	61.54	62.27	59.69	60.22	62.23	61.12	26.8	23.1	32.5	36	31	28	29.6	36.8	22.2	71	89	58	45	63	74	66.7	------
13	61.74	62.15	63.14	60.78	61.25	62.74	61.97	25.5	23.4	32.2	35.5	31.2	27.6	29.2	36.4	23	80	88	56	44	56	70	65.7	------
14	61.32	61.74	62.99	60.08	60.35	61.87	61.39	25	22.9	33	35.5	31	27	29.1	36.5	22.2	83	83	51	40	53	68	63	------
15	60.56	61.11	61.66	58.73	58.90	60.32	60.21	24.8	22.2	32.8	35.6	30.8	27.8	29	36.5	21.6	77	82	53	43	58	70	63.8	------
16	59.84	60.43	60.90	58.62	58.28	60.19	59.71	26.4	24	32.4	35	32.4	28.1	29.7	35.9	23.4	73	83	52	47	58	70	63.8	------
17	59.25	59.37	59.56	57.24	56.92	59.34	58.61	27.2	25.5	33	35.7	31.6	28.5	30.2	37.2	24.8	71	80	51	41	49	56	58	------
18	58.81	59.36	60.07	57.64	58.10	60.24	59.04	27	24	32.7	35.8	30.7	28.1	29.7	37	22.5	63	79	53	44	56	68	60.5	------
19	60.01	60.44	61.25	59.46	59.72	61.17	60.34	26.1	25.5	31	35.5	30	28.4	29.4	35.7	24.3	79	80	64	47	60	69	66.5	------
20	61.30	61.71	61.76	60.11	60.67	61.96	61.25	26	24.5	33.1	33.4	28.8	28	29	35.2	23.5	78	83	53	53	69	70	67.7	------
21	61.05	61.73	61.99	59.84	59.84	61.48	60.99	25.8	24.4	30	34	30.6	27.5	28.7	35	23.7	78	83	70	51	62	70	69	------
22	60.72	61.49	62.06	60.16	60.26	61.49	61.03	24.6	23.5	31	33	29.4	27.5	28.2	34.1	22.5	87	84	57	52	62	68	68.3	------
23	60.75	61.66	62.61	60.53	60.93	62.21	61.45	24.5	23	31	34.2	30	27.8	28.4	35	22.5	83	87	53	43	55	63	64	------
24	61.72	62.21	62.35	60.28	61.10	62.13	61.63	25.5	22.1	30.8	34.6	30.8	26.8	28.4	36.2	21.6	72	91	51	40	54	67	62.5	------
25	60.92	61.50	61.97	59.42	59.64	61.27	60.79	25	23.6	31.2	33.5	30	27.8	28.5	35.2	22.9	76	82	51	40	53	60	60.3	------
26	60.45	61.08	61.62	59.13	58.83	60.27	60.23	24.7	25	30.7	34	30.5	28.4	28.9	35.5	24	78	76	60	43	54	64	62.5	------
27	59.86	60.36	60.79	58.42	58.80	60.69	59.82	26.2	25.2	32.6	34.8	29.7	27.8	29.4	36.1	24.6	75	80	49	43	56	61	60.7	------
28	59.77	60.06	60.89	58.33	58.33	60.57	59.66	26	23	32.6	36.6	32.5	28.4	29.8	37.7	22.4	69	76	49	34	47	64	56.5	------
29	59.94	60	60.53	57.33	57.54	60.19	59.26	26.6	24	32.1	36.7	32	29.1	30.1	37.8	23.5	65	77	52	42	57	69	60.3	------
30	58.99	59.52	59.78	57.38	57.55	59.89	58.85	28.2	27	33.5	37.5	32.2	29.9	31.4	38.4	26.2	76	83	51	44	54	59	61.2	------
Mean	60.50	61.16	61.75	59.18	59.44	61.31	60.56	26	24.2	32	35.6	31.3	28.2	29.6	36.7	23.5	77.3	84.7	56.2	44.3	57.1	68.1	64.6	----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	N	2	N	1	SE	2	S	2	S	1	N	1	2	Ci.	Cu.	5	A.-Cu.	Cu. S
2	N	1	N	1	SE	2	SW	3	SW	2	SW	2	6	Ci.	Cu.-N. E	5	A.-Cu.	Cu. SE
3	SW	1	N	1	SW	3	SW	3	SW	2	NW	1	2	Ci.	Cu.	6	Ci.	Cu.-N. S
4	Calm	----	Calm	----	SE	2	SE	2	SE	1	Calm	----	7	Ci.	Cu.-N. S	4	A.-Cu.	Cu. S
5	Calm	----	Calm	----	S	2	S	2	NW	3	N	2	7	Ci.	Cu.-N. SW	5	Ci.	Cu. S
6	N	1	N	1	NE	1	E	4	E	1	E	1	2	Ci.	Cu.	3	A.-Cu.	Cu. SE
7	N	1	N	1	E	1	N	2	N	1	N	1	1	Ci.	S.	3	A.-Cu.	Cu.
8	N	1	N	1	E	3	E	4	E	4	E	1	2	Ci.	Cu. E	2	Ci.	Cu. E
9	N	1	N	1	E	5	E	5	SE	4	E	1	1	------------	Cu.	4	A.-Cu.	Cu. E
10	N	1	N	1	E	4	E	5	E	4	E	2	1	------------	Cu.	4	A.-Cu.	Cu. E
11	N	1	N	1	E	2	E	4	E	4	E	2	2	A.-Cu.	Cu. E	2	A.-Cu.	Cu. E
12	N	1	N	1	E	3	E	5	E	4	E	2	0	------------	Cu.	2	A.-Cu.	Cu. E
13	N	1	N	1	E	4	E	5	E	4	E	2	1	A.-Cu.	Cu.	4	A.-Cu.	Cu. E
14	N	1	N	1	E	3	E	2	E	3	N	1	0	Ci.	------------	1	A.-Cu.	Cu.
15	N	1	N	1	E	3	E	3	E	2	N	1	1	------------	Cu.	2	A.-Cu.	Cu. E
16	N	1	N	1	SE	2	E	3	E	2	E	2	4	Ci.	S.-Cu. E	5	Ci.	Cu. E
17	N	1	Calm	----	E	2	E	3	ENE	2	E	1	6	Ci.	Cu. E	5	A.-Cu.	Cu. ESE
18	E	1	Calm	----	NE	0	NNE	2	E	2	E	1	1	Ci.	Cu.	7	A.-Cu.	Cu. SE
19	NNE	1	N	1	ENE	3	ENE	3	E	2	NNE	3	7	A.-Cu.	Cu. NE	6	A.-Cu.	Cu. NE
20	NNE	1	Calm	----	E	5	SE	5	SE	5	SE	4	7	Ci.-S.	S.-Cu. ENE	4	A.-Cu.	Cu. E
21	N	2	Calm	----	ENE	2	E	4	SE	4	E	2	6	Ci.	Cu. E	5	Ci.	Cu. E
22	N	1	N	1	NE	3	E	6	E	3	E	2	3	Ci.	S.-Cu. E	5	Ci.	Cu. E
23	NE	2	NE	2	NE	3	SE	5	SE	5	NE	3	6	Ci.	S.-Cu. E	4	A.-Cu.	Cu. E
24	NE	2	N	1	E	3	E	5	E	4	E	2	2	Ci.	Cu.	5	Ci.	Cu. E
25	N	1	N	1	NE	4	E	6	E	3	E	2	5	Ci.	S.-Cu. E	2	A.-Cu.	Cu. E
26	N	1	Calm	----	E	3	SE	6	SE	5	SE	2	8	Ci.-S.	S.-Cu. E	4	A.-Cu.	Cu. SE
27	N	1	N	1	NE	3	SE	5	SE	4	Calm	----	7	Ci.-S.	S.-Cu. E	4	A.-Cu.	Cu.
28	N	1	N	1	E	4	E	2	SE	2	E	2	3	Ci.	S.	3	Ci.	Cu. E
29	N	2	N	1	NE	3	E	2	E	1	E	2	2	Ci.	Cu.	5	A.-Cu.	Cu. E
30	N	1	N	1	SE	3	SE	2	SE	2	N	3	6	Ci.	Cu. E	4	A.-Cu.	Cu.-N. E
Mean	-------	1.1	-------	0.8	-------	2.8	-------	3.7	-------	2.9	-------	1.7	3.6	------------	------------	4	------------	------------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, −1.69 mm.]

MAY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.04	59.16	59.85	56.72	56.98	59.64	58.56	26.8	25	33.4	38.1	34.8	29.8	31.3	39.6	24.5	74	83	51	33	45	63	58.2	------
2	58.59	58.85	59.14	55.99	57.05	59.37	58.16	27.5	26.6	32.6	38.2	25.5	26.9	29.6	39.6	23	78	83	57	36	84	93	71.8	1.3
3	58.19	58.35	59.05	55.77	56.65	59.30	57.88	26.2	24.8	31	38.4	33.4	30.2	30.7	38.8	24.4	92	97	65	36	52	66	68	------
4	57.70	57.99	58.09	55.72	56.35	58.29	57.36	27.5	26	32.4	36.2	32.6	25.8	30.1	37.6	24.9	78	87	60	45	60	88	69.7	14
5	57.21	58.14	58.32	55.64	58.17	59.39	57.81	25.6	25.5	31.2	36.4	25.1	25.7	28.2	36.5	23.9	95	98	66	49	95	98	83.5	16
6	57.79	58.56	59.61	58.05	58.29	59.99	58.72	25.4	24.8	30.1	31.1	29.8	27.6	28.1	33	24.2	97	98	71	66	65	76	78.8	------
7	57.78	58.67	59.33	57.22	57.81	58.80	58.27	26.7	25.5	30.7	34.5	30.4	28.2	29.3	34.8	24.9	91	88	67	50	60	72	71.3	------
8	57.76	58.74	59.52	57.69	58.04	58.71	58.41	26	24.6	30.8	33	29.5	26.8	28.4	34.4	24	84	90	57	51	61	74	69.5	------
9	57.94	58.47	59.54	57.35	57.58	58.67	58.26	24.8	24	30.6	33.8	30.4	28	28.6	35.6	23.3	85	89	63	48	63	73	70.2	------
10	57.81	58.57	58.95	56.13	56.03	58.44	57.66	26	23.6	32	37	33.9	30.9	30.6	38.1	23.1	84	88	57	39	48	69	64.2	------
11	57.67	58.29	59.05	56.16	56.43	59.27	57.81	27.8	26	32.4	37.6	34.8	28.4	31.2	38.7	25.5	86	92	62	41	52	86	69.8	------
12	57.99	58.85	59.31	56.11	56.43	60.28	58.16	27.2	26.2	33.4	37.5	34	26	30.7	38.5	24	87	90	61	45	52	89	70.7	40.4
13	58.86	58.84	59.23	56.42	56.54	58.79	58.11	25.8	25.2	31.5	36.1	29.5	28.4	29.4	37.1	24.8	93	98	78	55	79	84	81.2	9.9
14	57.89	58.38	58.67	55.66	57.29	59.27	57.86	27.4	26.5	33	36.3	31.5	28.5	30.5	36.9	25.9	91	96	65	52	69	84	76.2	------
15	57.57	58.51	59.33	57.59	57.52	58.98	58.25	27.2	25.5	27.9	30.4	30.7	27.6	28.2	31.8	24.9	86	93	90	74	71	86	83.3	------
16	57.49	58.49	58.62	55.79	57.41	59.39	57.86	26.2	26	31.5	34.5	27.2	26.8	28.7	36.2	25.8	90	97	72	54	86	86	80.8	.5
17	58.56	58.47	59.06	57.26	58.21	59.91	58.58	25.4	25	32	27.2	26	26	26.9	36.6	24.4	97	98	66	89	98	99	91.2	18.8
18	58.94	59.35	59.89	58.38	59.89	61.23	59.61	25.6	25.5	30.6	30.1	25.9	25.3	27.2	33.5	24.8	99	99	76	71	94	94	88.8	9.7
19	59.77	60.15	60.23	58.34	59.22	60.44	59.69	25.2	25	30.1	33	25.7	25.6	27.4	34.5	24.5	97	97	77	64	91	92	86.3	------
20	58.76	59.22	59.63	58.68	58.46	58.67	58.90	25.4	25	29.9	26.5	24.8	24.5	26	33.9	24.1	93	95	75	86	93	96	89.7	16.7
21	57.85	58.26	58.66	57.20	57.80	59	58.13	24	24.2	29.8	25.4	27.4	25.9	26.1	33.5	23.8	97	98	77	89	91	88	90	34.3
22	57.54	57.88	58.37	56.50	57.54	59.19	57.84	24.8	24.7	30.6	30.2	30	26.2	27.8	33.4	23.9	95	95	72	74	75	90	83.5	------
23	57.87	58.57	58.34	56.59	57.27	59.11	57.96	25.4	25.2	29.5	31.8	28.5	26.4	27.8	32.8	24.6	92	90	75	64	73	87	80.2	.3
24	58.53	58.77	58.97	57.68	58.42	59.91	58.71	25.8	25	32.3	28.2	27.8	26	27.5	34	24.5	88	92	63	88	84	92	84.5	10.2
25	58.77	59.14	59.84	57.92	58.58	60.89	59.19	25.2	25.2	28.6	32.6	27.3	25.8	27.4	34.4	24.6	95	94	84	59	85	93	85	2
26	59.74	59.71	59.83	57.91	58.09	60.43	59.28	25.2	25.3	31	34.4	31.2	27	29	34.7	24.7	97	98	71	51	60	87	77.3	------
27	58.65	58.81	59.51	57.76	58.35	59.97	58.84	26.2	25	31	33.5	32	28.2	29.3	35.4	24.4	90	92	69	56	55	79	73.5	------
28	58.79	59.56	59.97	58.51	58.76	59.90	59.25	26	25	31	26.4	29.1	25.7	27.2	33	24.6	92	92	74	82	79	93	85.3	22.4
29	59.31	59.61	59.74	57.46	58.10	59.49	58.95	25.2	24.4	30.4	33.8	26	26.6	27.7	35	23.9	97	97	72	57	92	87	83.7	2.5
30	58.51	58.44	58.78	56.40	55.90	57.77	57.63	26.5	25.5	30.7	34.2	31	27.1	29.2	34.9	25	91	96	76	55	65	83	77.7	------
31	57.41	57.76	58.23	55.73	55.24	57.27	56.94	26	24.8	30.4	34.2	31.4	27.8	29.1	35.4	23.7	88	93	70	55	66	86	76.3	------
Mean	58.27	58.73	59.18	56.98	57.56	59.35	58.34	26	25.2	31	33.2	29.6	27.1	28.7	35.6	24.4	90.3	93.3	69	58.5	72.4	84.9	78.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	199

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	Calm	----	SE	2	SW	2	Calm	----	NE	2	2	Ci.	----------	3	Ci.	Cu. SW
2	Calm	----	Calm	----	NE	2	S	2	NW	4	NW	2	7	Ci.	Cu. E	4	A.-Cu.	Cu. S
3	Calm	----	Calm	----	N	2	S	1	S	4	S	1	4	Ci.	S.	5	Ci.	Cu. SW
4	N	1	Calm	----	NE	2	NE	2	NE	2	N	2	5	Ci.	S.	8	Ci.-S.	Cu.-N. SE
5	Calm	----	Calm	----	NE	2	NE	3	E	2	N	2	1	Ci.	Cu.	5	Ci.	Cu.-N. E
6	N	2	N	1	SE	3	SE	3	SE	3	E	1	3	Ci.	Cu.	6	A.-Cu. E	Cu. SE
7	N	1	E	2	E	3	SE	5	SE	4	SE	4	9	Ci.-S.	S.-Cu. E	7	Ci. E	Cu.-N. SE
8	N	1	N	1	E	4	E	5	E	4	E	1	6	Ci.	S.-Cu. SE	7	Ci.-S.	Cu. ESE
9	N	1	N	1	E	2	E	3	SE	4	E	1	5	Ci.	Cu.	7	Ci.-S.	Cu. E
10	N	1	N	1	SE	2	SW	2	SW	3	SW	1	2	Ci.	----------	5	Ci.	Cu. S
11	Calm	----	N	1	SW	1	SW	2	SW	1	N	1	2	Ci.	----------	5	Ci.	Cu. SW
12	Calm	----	Calm	----	ENE	2	E	2	NW	4	S	2	4	Ci.	S.	4	A.-Cu.	Cu. S
13	Calm	----	Calm	----	N	3	SE	2	N	4	Calm	----	3	Ci.	Cu.	3	Ci.	Cu. SW
14	Calm	----	Calm	----	SW	3	SW	4	SW	3	SW	1	3	Ci.	Cu.	6	Ci.	Cu. SW
15	Calm	----	Calm	----	N	2	S	1	S	1	Calm	----	7	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. S
16	Calm	----	Calm	----	E	2	N	2	E	3	E	2	9	Ci.-S.	Cu.-N. SW	7	Ci.-S.	Cu.-N.
17	Calm	----	Calm	----	SE	2	SE	4	Calm	----	SE	1	3	Ci.	S.	10	Ci.-S.	Cu.-N. S
18	Calm	----	SE	1	S	3	S	4	S	2	SE	2	6	Ci.	Cu. SE	10	Ci.-S.	Cu.-N. S
19	E	1	E	1	SE	1	S	2	E	2	E	1	7	A.-Cu.	Cu. S	7	Ci.-S.	Cu.-N. sw
20	NE	1	NE	2	SSW	2	SSW	3	SSW	2	N	2	9	A.-Cu.	Cu.-N.	10	Ci.-S.	N. SW
21	N	1	N	1	SE	2	SE	2	Calm	----	N	2	3	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. sw
22	N	1	Calm	----	SW	2	S	4	SW	2	SW	1	6	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N. sw
23	Calm	----	Calm	----	SW	3	SW	4	SW	4	SW	2	4	Ci.	Cu.	8	Ci.	Cu.-N. sw
24	Calm	----	Calm	----	SE	2	SE	3	SE	3	SE	1	3	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. SE
25	Calm	----	Calm	----	S	1	S	2	S	3	E	2	5	Ci.	Cu.-N. SE	7	Ci.-S.	Cu.-N. S
26	Calm	----	Calm	----	S	2	S	3	S	2	Calm	----	6	A.-Cu.	Cu.-N.	3	Ci.	Cu. S
27	Calm	----	Calm	----	S	1	S	3	S	2	S	1	3	Ci.	Cu.-N.	5	Ci.	Cu.-N. sw
28	Calm	----	Calm	----	SW	2	SW	3	N	3	Calm	----	7	Ci.	Cu.-N.	8	Ci.-S.	Cu.-N. sw
29	Calm	----	Calm	----	N	2	N	2	Calm	----	Calm	----	3	Ci.	Cu.-N.	3	A.-Cu.	Cu. W
30	Calm	----	Calm	----	N	2	N	2	SW	2	Calm	----	2	Ci.	Cu.	6	Ci.	Cu. W
31	Calm	----	Calm	----	NE	2	NE	2	SW	2	NE	1	4	Ci.	Cu.-N.	3	Ci.	Cu.
Mean	------	0.4	------	0.4	------	2.1	------	2.7	------	2.4	------	1.3	4.6	----------	----------	6.4	----------	----------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, −1.69 mm.]

JUNE, 1915.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	57.49	58.15	58.73	57.10	56.85	59.79	58.02	27	25.8	30.4	34.9	82	28.6	29.8	35.4	25.2	89	93	76	52	60	80	75	------
2	59.22	60.22	60.25	58.09	58.31	60.74	59.47	27.5	26.4	30.9	35	30.8	27.4	29.7	36.3	25.7	85	92	72	54	64	81	74.7	------
3	60.20	60.42	60.36	57.96	58.59	60.44	59.66	26	25	31.9	36.1	31.1	27	29.5	36.8	24.4	87	92	65	45	56	80	70.8	------
4	59.31	59.56	60.01	57.06	57.28	59.12	58.72	25	24.6	32.4	35.8	32.5	26.5	29.5	36.7	24	92	92	60	50	58	76	71.3	------
5	58.24	58.67	59.60	57.27	57.25	59.54	58.43	24.8	24	33.1	35	31.8	29	29.6	36	23.4	85	88	56	51	62	71	68.8	------
6	58.83	59.60	59.49	58.25	58.72	60.32	59.20	26.4	25	32.9	32.7	30.4	27.5	29.2	35.5	24.4	87	92	57	50	63	73	70.3	------
7	59.62	59.75	60.12	58.22	58.13	59.43	59.21	26.5	24.6	32	33.2	30	27.4	29	33.9	23.9	77	87	58	60	62	78	70.3	------
8	58.90	59.32	59.10	56.51	56.74	58.22	58.13	25	24	32.4	34.5	30.6	28	29.1	35.8	23.4	92	93	61	46	59	73	70.7	------
9	57.44	57.49	57.90	56.10	56.16	57.97	57.18	26.2	24.4	32	34.9	31	28.4	29.5	35.4	23.8	82	91	61	50	59	70	68.8	------
10	56.94	57.56	58.38	56.23	56.67	58.47	57.38	25.4	24.2	29.8	34	30.2	27.5	28.5	35.2	23.6	88	90	69	49	66	76	73	------
11	57.94	58.03	58.36	56.14	56.82	58.89	57.70	25	24.2	31.5	35.5	30.2	26.7	28.8	36	23.2	88	90	63	49	71	90	75.2	2.3
12	58.11	58.04	58.54	56.90	57.67	59.91	58.20	25.4	25.2	31	32	29.1	25.5	28	33.4	24.5	93	94	67	65	74	88	80.2	------
13	58.29	58.38	58.92	57.04	57.30	58.86	58.13	24.8	24.4	31	34.5	31.8	28.5	29.2	35.5	23.5	92	95	62	53	61	74	72.8	------
14	58.29	58.55	58.75	56.84	57.04	58.87	58.06	26.2	25.6	31.6	34.6	31.1	28.4	29.6	35.8	25.2	87	88	58	52	60	75	70	------
15	57.81	58.56	58.59	58.21	58.51	59.59	58.54	26.2	25.4	32.4	29.1	29.8	28	28.5	33.5	24.6	82	87	60	78	73	79	76.5	.3
16	58.59	58.92	59.70	58.78	59.29	60.54	59.30	27.2	25	31.4	33.9	31	28.5	29.5	34.6	24.4	83	90	60	53	63	70	69.8	------
17	59.39	59.28	59.15	57.66	57.60	59.48	58.76	25.8	25	32.6	34.5	31	28.6	29.6	35.6	24	84	88	59	50	62	73	69.3	------
18	58.91	59.04	58.98	56.97	57.15	58.82	58.31	26	24.5	33.4	35.1	30.6	28.4	29.7	36	24	84	88	51	49	62	75	68.2	------
19	57.74	58.08	58.32	56.70	57.10	58.86	57.80	26.6	25.8	33.2	30.4	30.5	26	28.8	35.1	25.1	86	89	60	76	66	89	77.7	.3
20	58.16	57.80	57.85	55.98	57.49	59.43	57.78	25	24.6	32.2	36.3	27	25.5	28.4	36.6	23.9	93	95	62	48	89	96	80.5	3.6
21	57.81	58.17	59.08	57.04	57.64	59.49	58.20	24.6	24.6	29.4	32.2	30.2	27.8	28.1	34.7	24	97	97	72	61	70	79	79.3	.5
22	58.56	58.74	58.50	56.72	56.95	59.03	58.08	25.4	24.5	32.5	34	31.4	28.4	29.4	35.9	23.4	88	92	61	53	57	72	70.5	------
23	57.79	57.96	58.18	56.25	56.70	58.29	57.53	26.5	25.4	31.1	36	31.5	28.6	29.8	37	24.5	83	92	62	45	63	73	69.7	.3
24	57.49	58.16	58.25	56.60	56.75	58.77	57.67	26.2	25.4	31.8	33.8	31.3	28.4	29.5	35.9	24.8	85	92	63	54	60	75	71.5	------
25	58.01	58.40	58.12	55.83	56.60	58.68	57.61	25.8	25.4	33.7	35.5	31.8	29	30.2	37.4	24.9	88	92	56	47	61	74	69.7	------
26	58.01	57.84	58.26	56.63	57.24	58.43	57.74	26.2	25.1	29.4	30.2	30.8	26	28	32	24.6	87	94	74	72	67	97	81.8	9
27	57.61	57.69	58.01	56.16	57.48	59.04	57.66	24.8	25.1	29.4	33	26.1	25	27.2	33.4	24.4	98	99	76	67	92	96	88	3.3
28	58.40	57.93	58.83	57.35	58.11	59.61	58.37	24.5	24.5	29.8	33	28.8	26	27.8	34.4	23.8	97	97	73	62	74	92	82.5	1.3
29	58.44	58.53	58.59	57.62	57.42	59.54	58.36	24.8	24.5	30.8	32.5	30.7	26.8	28.4	34.5	23.8	97	96	68	63	59	80	77.2	------
30	59.11	58.67	58.63	57.40	58.24	59.84	58.65	25.8	25	31	34.2	30	26.2	28.7	35.6	24.4	85	92	68	55	65	82	74.5	1.8
Mean	58.36	58.58	58.85	57.05	57.46	59.27	58.26	25.8	24.9	31.6	33.9	30.5	27.5	29	35.3	24.2	88	91.9	63.7	55.3	65.3	79.6	74	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	22.7

Day.	Wind. 2 a. m. Direction.	Force.	6 a. m. Direction.	Force.	10 a. m. Direction.	Force.	2 p. m. Direction.	Force.	6 p. m. Direction.	Force.	10 p. m. Direction.	Force.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
		0-12		0-12		0-12		0-12		0-12		0-12	0-10			0-10		
1	SW	1	Calm	----	NW	2	NE	2	Calm	----	NW	4	5	Ci.	Cu.-N.	5	Ci.-S.	Cu.-N.
2	Calm	----	NE	1	NE	2	NE	2	NW	3	Calm	----	5	Ci.-S.	Cu.-N.	4	Ci.	Cu.-N.
3	Calm	----	Calm	----	NE	1	NE	3	E	4	N	2	3	Ci.	----------	3	A.-Cu.	Cu.-N.
4	N	2	N	2	SE	1	SE	1	SE	1	N	1	6	Ci.	Cu.	5	Ci.	Cu.-N. E
5	Calm	----	Calm	----	E	2	SE	1	S	3	Calm	----	5	Ci.	Cu.-N. E	5	Ci.	Cu.-N. E
6	Calm	----	Calm	----	SE	2	E	5	E	3	E	1	9	Ci.-S.	Cu.-N. E	6	Ci.	Cu.-N.
7	N	1	N	1	ESE	4	ESE	4	ESE	3	Calm	----	4	Ci.	Cu.	6	Ci.	Cu.-N. E
8	N	1	N	1	N	3	E	3	E	2	N	1	2	Ci.	Cu.	5	A.-Cu.	Cu.-N. E
9	N	1	N	1	E	2	E	3	E	2	E	1	4	Ci.	Cu.	5	Ci.	Cu.-N. E
10	N	1	N	1	N	2	E	2	E	2	N	1	2	Ci.	Cu.	7	Ci.-S.	Cu.-N.
11	N	1	N	1	E	2	E	2	E	2	N	2	5	Ci.-S.	Cu.-N.	4	Ci.	Cu. E
12	N	1	N	1	E	2	ESE	2	N	2	N	2	4	Ci.	Cu.-N.	6	Ci.-S.	Cu.-N.
13	N	1	NE	1	ESE	2	ESE	3	ESE	1	NE	1	4	Ci.	Cu.-N.	6	Ci.	Cu. SE
14	N	1	NW	1	NE	2	NE	4	E	4	NE	2	6	Ci.	Cu.-N.	5	Ci.	Cu. E
15	NE	1	NE	1	E	3	E	1	E	2	E	1	8	Ci.	S.-Cu. E	9	Ci.-S.	Cu.-N. E
16	N	2	N	2	E	4	E	5	E	3	E	2	4	Ci.	Cu. E	4	Ci.	Cu. E
17	N	1	N	1	NE	4	E	5	E	2	E	1	3	Ci.	Cu. E	4	Ci.	Cu. E
18	N	1	N	1	SE	4	SE	4	SE	4	SE	1	2	Ci.	Cu. E	4	A.-Cu.	Cu.-N. E
19	Calm	----	Calm	----	SE	2	NE	2	SE	2	SE	2	4	Ci.	Cu.	8	Ci.-S.	Cu.-N. SE
20	N	1	Calm	----	NE	2	S	2	S	2	S	1	5	Ci.	Cu.-N.	6	Ci.	Cu.-N. E
21	N	1	Calm	----	NE	2	SE	2	SE	2	SE	2	7	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. SE
22	Calm	----	N	1	E	3	E	4	E	4	Calm	----	1	----------	Cu.	7	A.-Cu.	Cu.-N. E
23	N	1	NNW	2	NNW	2	E	3	E	2	NNW	2	2	Ci.	S.-Cu.	4	A.-Cu.	Cu. E
24	NNW	1	NNW	1	NE	3	ENE	3	ENE	1	ENE	1	5	Ci.-S.	Cu.-N.	6	Ci.	Cu.-N. SE
25	N	1	N	1	SE	2	E	4	SE	4	Calm	----	3	Ci.	Cu.	4	A.-Cu.	Cu. E
26	N	1	N	1	E	1	E	2	E	3	N	1	6	Ci.	Cu.-N.	7	Ci.-S.	Cu.-N. SE
27	Calm	----	Calm	----	SE	1	S	2	S	2	S	1	10	Ci.-S.	Cu.-N. SE	7	Ci.-S.	Cu.-N. S
28	E	1	Calm	----	S	3	S	4	S	4	S	1	3	Ci.	Cu.	6	Ci.	Cu.-N. SSW
29	Calm	----	E	1	S	3	SSW	4	SSW	4	SSW	1	3	Ci.	Cu.	7	Ci.	Cu.-N. SW
30	SSW	1	SSW	1	SSW	3	SW	5	SW	4	SW	4	4	Ci.	S.-Cu. SW	7	Ci.-S.	Cu.-N. WSW
Mean	-------	0.8	-------	0.8	-------	2.4	-------	3	-------	2.6	-------	1.3	4.5	----------	----------	5.7	----------	----------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

JULY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.06	58.68	59.60	57.91	57.79	58.85	58.65	25.2	24.2	28.8	28.6	29.2	26.4	27.1	33.4	23.8	87	91	76	75	68	84	80.2	------
2	56.84	57.47	57.39	56.36	57.52	57.79	57.23	25.2	25.1	28.4	32.4	27.2	25.2	27.2	33.6	24.6	90	94	79	56	79	88	81	------
3	56.20	56.66	57.08	55.46	55.97	57.72	56.52	24.6	24.2	32.6	36	32	28	29.6	36.6	23.4	92	95	61	47	60	80	72.5	------
4	57.29	58.09	58.39	56.56	56.89	59.19	57.74	26.5	26	33.1	37.1	33.2	29	30.8	37.5	25.8	91	88	63	47	60	78	71.2	------
5	58.24	58.76	59.09	57.37	58.03	59.40	58.48	27	25	32.6	35.4	26.4	26.5	28.8	36.7	24.8	80	92	60	55	82	92	76.8	0.5
6	58.79	59.05	59.03	57.18	57.84	59.80	58.62	24.8	24.7	31.8	36.1	29.4	26.5	28.9	37.2	24	95	96	71	50	72	92	79.3	2.8
7	58.84	59.41	59.72	57.82	58.34	59.87	59	25	24.4	32.6	36	32	28.8	29.8	36.8	23.5	92	95	63	45	63	69	71.2	.8
8	59.79	60.46	60.72	58.92	58.69	60.93	59.92	26.6	26	32.5	34.9	31.7	27.8	29.9	35.8	25.4	84	88	62	54	58	79	70.8	------
9	60.01	60.49	61.10	59.30	59.61	61.49	60.33	25.5	25	32.4	35	31.2	26.9	29.3	36.2	24.4	88	90	66	54	68	80	74.3	------
10	60.79	60.95	61.21	59	59.05	60.58	60.26	25	24.5	33.8	36.7	31.4	29	30.1	37.6	23.7	92	92	57	48	63	76	71.3	------
11	59.51	59.62	60.22	59.08	59.54	59.86	59.64	26.4	25.2	29.4	33	29.9	26.4	28.4	35.3	24.6	92	95	78	64	72	90	81.8	.3
12	59.24	59.26	59.32	57.57	58.15	59.93	58.91	25	24	33.4	34.5	30.9	26	29	36.9	23.3	96	98	62	56	62	84	76.3	------
13	58.41	58.76	58.80	56.78	57.27	58.85	58.14	24	23.8	32.7	35.4	30.8	26.6	28.9	36.4	23.3	93	98	70	50	67	89	77.8	------
14	58.03	58.16	58.40	57.43	57.61	58.74	58.06	24.6	24.1	32.1	32.9	26.2	25	27.5	35.2	23.2	97	98	63	58	85	95	82.7	3.3
15	57.50	57.92	60.56	58.57	58.05	59.52	58.69	24.2	24.6	24.9	24.5	25.6	24.5	24.7	26.4	22.6	98	99	99	97	95	96	97.3	35
16	59.08	58.71	59.55	58.59	58.66	59.61	59.03	22.5	22.4	27.2	29.1	27	25.6	25.6	30	21.9	99	99	87	79	84	88	89.3	1.5
17	58.45	58.37	58.69	57.51	57.80	58.97	58.30	23.6	23.2	28.7	28.8	28	25	26.2	32.7	22.5	97	98	73	85	74	95	87	1.5
18	57.96	58.02	58.17	55.79	56.32	58.20	57.41	23.8	22.9	29.7	34	29.4	24.9	27.4	35	22.4	98	99	71	51	75	97	81.8	13.2
19	56.83	57.20	57.34	55.14	54.80	57.39	56.45	23.8	23.4	29.5	33.2	30.9	26	27.8	34.8	22.9	98	99	75	63	66	95	82.7	6.3
20	56.44	57.05	57.13	55.25	56.45	57.66	56.66	25.2	25	29.9	33.5	25.9	24.8	27.4	34.6	23.5	98	99	78	63	88	97	87.2	1.3
21	55.98	57.77	58.07	56.33	57.44	59.40	57.50	24.3	24.1	29.4	33.9	27.4	26.2	27.6	35.2	23.5	99	99	79	60	93	98	88	.3
22	58.01	58.80	59.27	57.07	58.27	59.60	58.50	25.9	25.4	29.7	34.5	27.3	26.5	28.2	35.3	24.6	98	98	84	57	87	95	86.5	.5
23	58.04	58.61	58.99	56.63	57.77	59.09	58.19	26.2	26	30.5	33.7	25	24.6	27.7	34.6	23.2	98	99	78	61	95	97	88	26.4
24	57.50	57.30	56.87	54.70	55.80	57.34	56.58	24.2	24.1	28.4	32.5	24.5	24.5	26.4	33.2	23.9	98	99	82	60	97	97	88.8	13.2
25	55.86	55.92	56.09	54.22	54.47	56.24	55.47	24.5	24.5	28.4	30.3	26	25.2	26.5	31.5	23.9	97	97	79	73	94	95	89.2	28.4
26	55.58	55.19	55.25	53.89	54.25	55.11	54.88	24.8	24.6	27.6	29.4	26.1	25.4	26.3	31.4	24.1	97	98	84	79	90	95	90.5	2
27	54.27	53.62	54	52.52	53.11	54.27	53.63	24.7	24.4	28.7	25.8	25	25	25.6	30	23.8	96	97	80	96	96	96	93.5	35.3
28	53.16	52.94	53.89	52.17	52.12	53.18	52.91	24.8	24	26.9	29.8	24.6	25	25.8	30.4	23.6	98	98	88	75	97	96	92	26.6
29	51.78	51.67	51.66	49.90	50.41	51.45	51.14	24.6	24.8	29	31.6	27.5	25	27.1	31.9	24	97	97	81	70	88	95	88	2.3
30	50.90	50.79	52.09	51.75	52.31	53.81	51.94	24.8	24.6	28.1	25.5	25	24.6	25.4	29	24	97	97	85	96	97	97	94.8	56.7
31	53.14	53.67	54.12	53.85	54.42	55.66	54.14	24.4	24.1	25.1	26.2	25.2	25.2	25	26.2	23.6	97	97	98	96	98	97	97.2	50.8
Mean	57.15	57.40	57.80	56.15	56.60	58.05	57.19	24.9	24.5	29.9	32.3	28.1	26	27.6	33.8	23.7	94.5	96.1	75.2	65.2	79.8	90.4	83.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	309

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SW	1	Calm	----	S	1	S	4	S	2	S	1	9	Ci.-S.	Cu.-N. W	10	Ci.-S.	Cu.-N. S
2	S	2	Calm	----	SSW	4	SW	5	SW	2	Calm	----	10	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu.-N.SW
3	Calm	----	E	1	S	4	SSW	5	SSW	3	SSW	1	2	A.-Cu.	S.-Cu.	4	Ci.	Cu.-N.SW
4	Calm	----	S	2	S	3	SSW	3	SSW	1	SSW	1	3	Ci.	Cu.	6	Ci.	Cu.-N.SW
5	Calm	----	Calm	----	NW	2	NW	3	Calm	----	Calm	----	1	Ci.	Cu.	6	Ci.	Cu.-N.SW
6	N	1	Calm	----	N	2	N	2	N	2	Calm	----	3	A.-Cu.	Cu.	3	A.-Cu.	Cu. E
7	N	1	N	2	NW	1	NE	4	NE	3	Calm	----	2	Ci.	Cu.	3	A.-Cu.	Cu.-N. E
8	Calm	----	SE	1	E	3	E	3	E	3	E	2	7	Ci.	Cu.-N. SE	7	Ci.	Cu.-N. SE
9	N	1	N	1	E	2	E	3	E	2	E	1	6	Ci.	Cu.-N.	5	Ci.	Cu.-N.
10	N	1	N	1	N	2	E	4	E	4	E	2	2	Ci.	Cu.	5	Ci.	Cu. E
11	N	1	NW	2	SW	1	SW	3	SE	2	NW	1	6	Ci.	Cu.-N.	7	Ci.-S.	Cu.-N. SE
12	N	1	N	1	E	2	E	4	E	2	N	2	3	Ci.	Cu. E	6	Ci.-S.	Cu.-N. E
13	N	1	N	2	E	3	ESE	4	ESE	4	ENE	1	2	Ci.	Cu.	6	Ci.	Cu.-N. E
14	E	1	E	1	E	4	E	5	E	2	NE	2	7	Ci.-S.	Cu.-N. E	5	Ci.-S.	Cu.-N. E
15	NE	1	NE	1	ESE	3	NE	2	N	2	NE	2	7	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
16	N	1	N	1	NNE	2	E	1	NNE	2	N	3	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
17	NW	1	NW	1	N	2	E	2	E	1	N	1	6	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N. E
18	N	1	Calm	----	NW	2	NNE	3	NNE	2	Calm	----	3	Ci.	Cu.-N.	5	Ci.	Cu.-N.
19	Calm	----	SE	1	NE	2	NE	1	SW	1	Calm	----	5	Ci.	Cu. SE	4	Ci.	Cu.-N.
20	N	1	N	2	NW	2	NW	1	NW	4	Calm	----	4	Ci.	Cu.-N.	4	A.-Cu.	Cu.-N.
21	NE	1	NE	1	NW	1	NW	1	Calm	----	Calm	----	5	Ci.	Cu.-N.	6	Ci.	Cu. WSW
22	Calm	----	Calm	----	S	1	S	2	S	2	Calm	----	5	Ci.	S.-Cu.	6	Ci.	Cu.-N.SW
23	Calm	----	Calm	----	NW	2	NW	1	NW	3	Calm	----	8	Ci.-S.	Cu. W	6	Ci.	Cu.-N. W
24	Calm	----	Calm	----	NW	3	WNW	2	W	3	W	2	9	Ci.-S.	S.-Cu. W	7	Ci.	Cu. WNW
25	W	1	W	1	SW	2	SSW	3	SW	2	SW	2	10	Ci.-S.	Cu. W	7	A.-Cu. W	Cu. SW
26	SW	2	SSW	1	SSW	3	SSW	3	SSW	2	SSW	1	7	Ci.	S.-Cu. SW	9	Ci.-S.	Cu.-N.SW
27	SSW	1	SSW	1	SSW	2	SSW	2	SSW	2	SSW	1	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	N. SW
28	SSW	1	SSW	1	SSW	1	SSW	1	S	1	SSW	2	10	Ci.-S.	S.-Cu. SW	9	Ci.-S.	Cu.-N. W
29	SW	1	SW	1	SSW	3	SSW	4	SSE	3	SSE	1	10	Ci.-S.	S.-Cu. W	7	A.-Cu.	Cu.-N.SW
30	SSE	3	SSE	1	SSE	3	SSE	1	SE	2	SE	2	10	Ci.-S.	N. S	10	Ci.-S.	N. S
31	SE	3	SSE	2	SSE	3	SSE	2	SSE	2	SE	4	10	Ci.-S.	N. S	10	Ci.-S.	N. S
Mean	-------	0.9	-------	0.9	-------	2.3	-------	2.7	-------	2.1	-------	1.1	6.2	------------	------------	6.7	------------	------------

SAN ISIDRO.

[$\phi = 15° 22' N$; $\lambda = 120° 53' E$; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

AUGUST, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	55.18	55.58	56.39	55.34	55.62	57.59	55.95	24.8	24.5	27.8	29.7	29	26.8	27.1	30.8	24	97	97	84	78	82	89	87.8	1.3
2	57.06	57.02	56.96	55.40	56.16	57.77	56.73	26	25.8	30.4	31.5	28.6	27	28.2	32.4	25.1	94	93	74	72	84	90	84.5	------
3	56.75	57.23	57.18	56.05	56.64	57.69	56.92	26.5	26.2	30.4	27.1	25.9	26	27	32.4	25.4	93	95	82	96	96	97	93.2	13
4	56.77	56.61	56.92	55.88	56.47	57.75	56.65	25.8	25.6	30.5	30.1	27.6	26.2	27.6	31.9	25.2	97	98	85	77	91	98	91	9
5	56.24	56.69	57.29	56.53	57.20	58.84	57.13	25.8	25.8	29.3	28.5	26	24.8	26.7	30.6	24.3	98	98	86	85	95	98	93.3	3.1
6	57.68	57.53	58.24	56.61	57.41	59.34	57.80	24.6	24	29	30.6	26.7	25.4	26.7	31	23.6	98	98	78	74	87	92	87.8	------
7	58.03	58.23	59.02	58.22	57.64	58.29	58.24	24.4	23.9	28.6	27.4	26.2	24.8	25.9	30.2	23.3	97	99	84	84	94	98	92.7	2.1
8	56.95	57.11	56.92	55.84	55.89	56.81	56.59	24.5	24.2	27.5	28.2	27.6	25.8	26.3	30.4	23.5	99	99	92	95	91	98	95.7	4.8
9	55.65	55.27	56.08	55.19	55.50	57.01	55.78	25.6	25.1	29.6	28	26.4	26.2	26.8	31	24.6	98	99	84	88	97	98	94	15.8
10	56.24	56.45	57.82	57.26	58.14	59.23	57.52	25.8	25.6	28.8	25.8	25.5	25.2	26.1	30	24.2	98	98	83	91	98	98	94.3	15.8
11	57.98	58.15	58.74	57.18	58.39	59.03	58.24	24.2	25	29.1	29.1	25	24.6	26.2	29.6	23.5	98	99	83	81	99	99	93.2	20.6
12	57.86	58	58.13	57.05	57.56	58.66	57.88	24.6	24.1	27.8	27.8	26	24.6	25.8	28.6	23.5	99	99	90	92	97	97	95.7	32.1
13	56.98	56.97	58.11	56.85	57.50	57.92	57.39	24.5	24	24.6	24.5	24.4	24.2	24.4	25	23.4	98	98	98	99	99	98	98.3	63
14	56.93	57.31	58.50	57.46	57.16	58.16	57.59	23.6	23.7	26	26.2	25.8	25	25	26.7	23	98	99	95	93	93	98	96	.6
15	57.47	58.05	58.64	57.75	57.85	59.39	58.19	24.1	24.1	28.6	27.1	28.6	26	26.4	30.3	23.6	99	99	88	91	85	95	92.8	1.1
16	58.39	58.99	59.44	57.21	57.84	58.71	58.43	25.6	25.2	28.1	31.8	26.6	25.5	27.1	32.6	24.8	97	98	88	72	97	98	91.7	12
17	58.01	58.25	57.95	56.26	55.79	57.40	57.28	25.5	25	27.3	31.1	29.5	25.5	27.3	32	24.6	99	99	93	81	84	96	92	------
18	56.02	56.76	56.77	55.02	55.36	56.79	56.12	25.6	25.8	26.1	30.1	29.5	25.8	27.2	31	24.9	97	99	99	81	85	97	93	4.1
19	55.52	55.91	56.37	54.14	55.41	56.71	55.68	25.5	24.8	29.9	32.3	27.5	26.6	27.8	33.4	24.4	99	99	83	73	88	95	89.5	------
20	55.46	55.92	56.57	54.55	55.20	56.39	55.68	25.4	25.1	28.1	31.4	28.6	27	27.6	31.9	24.4	98	99	91	80	87	97	92	1.8
21	55.24	56.07	56.99	55.74	56.26	57.41	56.28	26.5	25.6	27.1	28.1	26	25.2	26.4	28.1	24.8	98	98	94	91	98	98	96.2	2.6
22	56.69	57.22	57.71	56.20	55.97	57.64	56.90	25.2	25.1	26.7	27.6	27.8?	26.2	26.4	28.2	24.6	98	99	94	97	97?	98	97.2	6.9
23	56.44	56.01	57.37	56.01	56.75	58.45	56.84	25.5	24.5	28	27.1	26.1	24.7	26	30.5	23.9	99	99	88	85	95	95	93.5	13
24	56.66	56.17	57.27	56.02	57.15	58.56	56.97	24.6	24	26.9	26.1	24.8	24.6	25.2	28.9	23.6	95	95	86	94	93	95	93	7.6
25	57.03	57.26	58.14	56.49	57	59.10	57.50	24.5	24.2	27.6	28.5	27.1	26	26.3	30	23.7	96	96	87	84	78	89	88.3	5.5
26	58.01	58.57	59.27	57.68	58.29	59.72	58.59	24.5	24.5	29.1	30.5	26.5	25.4	26.8	30.9	23.8	96	94	81	75	88	93	87.8	------
27	59.06	59.87	60.49	58.71	59.25	60.14	59.59	24	23.6	28.4	31.4	26.5	25.1	26.5	32.1	23.2	97	99	78	66	92	96	88	------
28	59.60	59.80	60.45	58.30	60.04	61.43	59.94	24.8	24.6	29.2	31.5	26	24.5	26.8	32.5	23.6	97	97	79	71	95	96	89.2	10
29	60.08	60	59.80	58.01	57.96	60.04	59.32	24.3	23.5	28.6	31.5	27.9	25.8	26.9	33	23	97	99	80	66	78	90	85	------
30	59.04	59.39	59.17	57.54	58.09	59.30	58.76	25	24.7	30	32.9	28	25.1	27.6	33.6	23.3	95	96	78	64	77	91	83.5	1.5
31	58.60	58.30	59.19	56.85	57.94	58.66	58.26	24.8	24.6	28.2	32.1	25.2	24.6	26.6	32.4	23.1?	95	96	81	64	95	95	87.7	3.3
Mean	57.21	57.44	58	56.54	57.08	58.38	57.44	25	24.7	28.3	29.2	26.9	25.5	26.6	30.7	24	97.2	97.7	86	81.9	90.8	95.5	91.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	250.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	2	SE	1	S	2	S	4	S	3	Calm	----	6	Ci.-S.	S.-Cu. S	8	Ci.	Cu.-N. SSW
2	Calm	----	SE	1	SE	3	SSW	4	SSW	3	Calm	----	6	Ci.	S.-Cu. S	7	Ci.	Cu.-N. SW
3	Calm	----	S	1	S	3	S	1	Calm	----	Calm	----	8	Ci.-S.	Cu.-N. SSW	10	Ci.-S.	N. SW
4	S	1	S	1	SSW	3	SSW	4	SSW	4	SSW	2	5	Ci.	S.-Cu. SW	8	Ci.-S.	Cu.-N. SW
5	Calm	----	Calm	----	SSW	3	S	4	S	3	S	1	10	Ci.-S.	S.-Cu. SW	9	Ci.-S.	Cu.-N. SW
6	S	1	S	1	S	2	S	3	S	1	NE	1	10	Ci.-S.	S.-Cu. SW	8	Ci.	Cu. SW
7	Calm	----	SSE	1	SSE	2	S	2	WSW	3	WSW	1	10	Ci.	Cu. SSW	10	Ci.-S.	Cu.-N. SSW
8	Calm	----	Calm	----	SW	2	SW	1	SW	1	SW	1	9	Ci.	Cu. SW	10	Ci.-S.	Cu.-N. SW
9	Calm	----	SW	1	SW	2	SW	4	SW	4	SW	1	4	Ci.	Cu. SW	10	Ci.-S.	N. SW
10	SW	1	Calm	----	SSW	2	SSW	4	SSW	1	SSW	1	5	Ci.	Cu. SW	10	Ci.-S.	N. SW
11	Calm	----	Calm	----	SSW	3	SSW	4	SSW	1	N	1	10	Ci.-S.	Cu. SW	9	Ci.-S.	Cu. SW
12	Calm	----	Calm	----	SW	3	SW	3	SW	3	Calm	----	9	Ci.-S.	Cu. SW	10	Ci.-S.	N. SW
13	Calm	----	Calm	----	S	1	S	1	S	1	S	1	10	Ci.-S.	N. S	10	Ci.-S.	N. S
14	SE	1	Calm	----	Calm	----	S	1	S	1	Calm	----	9	Ci.-S.	N. S	10	Ci.-S.	Cu. SW
15	Calm	----	NW	1	SW	3	SW	2	Calm	----	Calm	----	8	Ci.	Cu. SW	8	Ci.	Cu.-N. SW
16	Calm	----	Calm	----	SE	1	NNE	2	SW	2	Calm	----	8	Ci.	Cu. SE	5	Ci.	Cu. W
17	Calm	----	N	1	NNW	2	N	2	NW	3	NW	1	9	Ci.-S.	Cu.-N. NW	6	A.-Cu.	Cu. N
18	NW	1	NW	1	NE	1	NW	1	Calm	----	Calm	----	10	Ci.-S.	N. WNW	6	Ci.-S.	Cu.-N.
19	Calm	----	NW	1	WNW	2	WNW	1	WSW	2	SW	2	6	A.-Cu.	S.-Cu.	5	Ci.	Cu.-N.
20	SW	1	Calm	----	SW	1	SW	4	SW	4	Calm	----	7	Ci.	Cu. SW	6	Ci.	Cu. SW
21	Calm	----	SW	1	SW	3	SW	4	SW	2	SSW	1	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
22	SSW	1	SSW	2	SSW	3	SSW	2	SSW	2	Calm	----	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
23	Calm	----	Calm	----	S	1	S	1	NW	2	Calm	----	10	Ci.-S.	S.-Cu. SSW	10	Ci.-S.	Cu.-N. SSW
24	SSW	1	SSW	1	SSW	1	SSW	2	SSW	2	SSW	3	9	Ci.-S.	Cu.-N.	10	Ci.-S.	N. SW
25	SSW	2	SSW	2	SSW	3	SSW	1	SSW	1	SSW	2	9	Ci.-S.	S.-Cu. SSW	5	Ci.	Cu. SSW
26	SSW	2	SSW	1	SSE	3	SSE	3	SSE	1	SSE	1	7	A.-Cu.	Cu. SSW	6	Ci.	Cu. S
27	N	1	Calm	----	SSE	2	SSE	2	SSE	2	NNE	1	6	Ci.	Cu.	5	Ci.	Cu. SW
28	Calm	----	NNE	1	NE	1	S	1	S	1	Calm	----	4	A.-Cu.	Cu.	7	Ci.	Cu.-N. SW
29	Calm	----	Calm	----	N	1	N	1	NW	1	Calm	----	6	Ci.	Cu. N	4	A.-Cu.	Cu.
30	NW	1	NW	1	E	2	SW	2	NW	3	Calm	----	5	Ci.	Cu.	5	Ci.	Cu. SE
31	Calm	----	N	1	N	1	NW	3	N	2	Calm	----	4	Ci.	S.-Cu. N	7	Ci.	Cu. W
Mean	-------	0.5	-------	0.7	-------	2	-------	2.4	-------	1.9	-------	0.7	7.7	------------	------------	7.9	------------	------------

SAN ISIDRO.

[φ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

SEPTEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.76	57.30	58.23	56.17	57.47	58.43	57.56	24.5	24.4	28.5	31.1	25.1	25	26.4	31.5	23.8	96	97	78	64	94	96	87.5	2.5
2	57.48	57.75	58.06	55.92	55.88	58.07	57.19	24.5	24	27.6	30.1	28.6	25.6	26.7	30.5	23.4	97	96	81	74	80	95	87.2	35
3	57.19	57.57	57.94	55.72	55.99	57.24	56.94	25.4	25.1	28.1	29.5	27.1	26.6	27	30.6	24.3	95	97	82	75	87	90	87.7	------
4	56.74	56.72	57.27	54.82	55.27	57.27	56.35	25.5	24.6	29.8	31.5	27	25.6	27.3	32.3	24	93	95	75	69	94	95	86.8	8.2
5	55.92	55.96	56.38	54.82	55.11	56.70	55.82	25.5	25	28.5	27.5	27.5	26.6	26.8	31.4	24.3	96	96	84	84	88	94	90.3	.8
6	55.30	55.51	55.79	54.03	54.19	56.04	55.14	25.6	25.1	29.3	29	27.7	26.2	27.2	31.8	24.7	97	96	79	79	91	94	89.3	.5
7	54.76	54.36	54.80	52.75	53.60	55.30	54.26	25.7	24.7	29.6	28	27	26	26.8	32	24.3	96	96	77	88	88	94	89.8	3.3
8	54.38	54.07	54.05	52.18	53.05	54.56	53.72	25.7	24.8	28.2	28.8	25.5	25.5	26.4	29.9	24.4	94	94	86	82	96	96	91.3	13.2
9	53.82	54.02	55.47	54.12	54.42	55.97	54.64	24.8	24.7	27.4	26.9	25.5	25	25.7	27.9	24.2	97	97	92	89	96	96	94.5	5.8
10	55.33	55.49	56.44	54.71	55.30	56.82	55.68	24.7	24.5	26.4	28.4	25.8	25.5	25.9	28.5	23.9	97	97	94	89	93	95	94.2	27.2
11	55.63	55.89	56.70	55.19	55.37	56.48	55.88	24.8	24.6	26.8	28.8	28.6	26.6	26.7	29.4	24	97	97	88	83	80	92	89.5	8.6
12	56.39	56.11	56.95	55.05	55.82	57	56.22	25.6	24.6	29	31	27.2	26.4	27.3	31.9	24	95	95	79	75	88	92	87.3	------
13	56.46	56.84	57.71	55.39	56.13	57.94	56.74	26	25.2	29.1	32	26	26.2	27.4	32.5	23.1	95	95	81	71	93	92	87.8	16.6
14	57.20	57.60	58.87	57.44	57.26	58.63	57.83	24	24.4	27.7	27	27.4	26.5	26.2	28.3	23	96	97	86	88	87	93	91.2	.5
15	58	58	59.14	57.16	57.54	59.77	58.27	25.4	24	27.5	28.7	27	26	26.4	31.5	23.5	97	98	81	84	84	89	88.8	6.8
16	58.99	59.75	60.71	58.36	58.77	59.91	59.42	25.5	25	28.9	31.8	27.8	26.7	27.6	32.2	24.4	93	96	82	67	79	83	83.3	.5
17	59.27	60.09	61.17	58.52	58.89	60.93	59.81	25.6	25.2	26	31.5	28.8	27.2	27.4	32.2	24.8	92	94	94	72	72	87	85.2	1.5
18	58.94	59.08	59.81	58.45	58.39	59.81	59.08	25.2	24.4	30.5	32	26.9	25.4	27.4	33	24	95	97	74	69	89	92	86	------
19	58.70	58.63	59.24	57.24	57.84	59.65	58.55	25	24.5	26	29	28.5	26.4	26.6	29.9	24	95	97	96	78	85	94	90.8	.5
20	58.76	58.99	59.72	57.08	57.22	59.39	58.53	25.8	25.4	27.9	29.5	28.5	25.8	27.2	30.4	24.9	97	97	85	75	85	90	88.2	------
21	58.86	59.21	60.32	57.50	58.09	59.20	58.86	24.8	24	29.2	32.5	27.8	24.6	27.2	33.4	23.5	93	97	74	63	79	93	83.2	------
22	58.81	59	59.72	57.19	57.84	59.73	58.72	24.5	23.6	30	33.9	30.4	27	28.2	33.9	23.2	96	99	71	59	76	83	80.7	------
23	58.84	59.06	59.17	56.92	57.36	58.97	58.39	25.5	25	30.6	32	26.6	26	27.6	33.9	24.6	92	95	70	69	90	92	84.7	4.3
24	58.24	58.55	59.04	56.43	57.26	58.73	58.04	25.2	24.6	29.9	31.6	28.8	26.5	27.8	33.3	24.1	93	97	79	67	83	94	85.5	1
25	58.56	58.74	59.11	56.54	58.21	59.88	58.51	25.5	24.6	29.6	31.6	26.5	24.6	27.1	33.1	23.9	96	98	79	73	92	97	89.2	22.3
26	58.86	59.22	59.67	57.37	58.09	59.76	58.83	24.2	24	28.8	32.1	27.9	26.2	27.2	32.5	23.4	97	97	72	66	88	95	85.8	------
27	59.04	59.02	59.51	57.44	58.82	60.40	59.04	25.6	24.9	29.6	32.1	26.2	24.8	27.2	33	24.3	95	97	77	68	84	95	86	4.4
28	59.63	59.22	60.19	57.87	59.45	60.50	59.48	24.5	24.6	29	30.6	26	24.7	26.6	31.5	23.7	96	95	81	69	92	95	88	4
29	58.92	59.18	59.87	57.56	58.44	60.32	59.05	23.7	23.2	29	31.2	27.9	25.5	26.8	31.9	22.8	97	98	79	68	87	91	86.7	------
30	59.73	59.96	60.47	58.81	59.30	61.07	59.89	24.6	23.6	29.6	29.3	28.4	26.1	26.9	33.1	23.3	95	98	71	79	75	89	84.5	1.5
Mean	57.55	57.70	58.38	56.29	56.88	58.48	57.55	25.1	24.5	28.6	30.3	27.3	25.9	27	31.6	23.9	95.3	96.5	80.9	74.5	86.5	92.4	87.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	169

Day.	Wind. 2 a. m. Direction.	Force.	6 a. m. Direction.	Force.	10 a. m. Direction.	Force.	2 p. m. Direction.	Force.	6 p. m. Direction.	Force.	10 p. m. Direction.	Force.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	N	1	NW	2	NW	1	N	2	10	Ci.-S.	Cu.-N. NW	8	Ci.-S.	Cu.-N. NW
2	N	1	N	1	NW	1	WSW	2	WSW	1	Calm	----	1	Ci.	S.-Cu.	7	Ci.-S.	Cu. WSW
3	N	1	Calm	----	NW	1	WNW	3	WNW	1	Calm	----	7	Ci.	S.-Cu. NW	8	Ci.-S.	Cu.-N. WNW
4	WNW	1	NW	1	WSW	2	SW	2	SW	1	NW	1	3	Ci.	S.-Cu. WNW	4	Ci.	Cu. W
5	N	1	N	1	SW	1	SW	3	Calm	----	NW	1	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. W
6	SW	1	SW	1	SW	1	SW	2	SW	2	SW	1	4	Ci.	Cu. W	6	Ci.	Cu.-N. W
7	SW	1	SW	1	SW	3	SW	2	SW	2	SW	2	5	Ci.	S.-Cu. WSW	8	Ci.-S.	Cu.-N. SW
8	SW	2	SW	3	SSW	3	SSW	3	SSW	2	SSW	2	8	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu.-N. SW
9	S	2	S	1	S	4	S	4	S	4	S	2	10	Ci.-S.	N. SSW	10	Ci.-S.	N. S
10	S	2	S	2	S	4	S	3	S	3	S	2	10	Ci.-S.	N. S	10	Ci.-S.	N. S
11	S	2	NNE	2	NNE	2	SW	2	SW	2	Calm	----	10	Ci.-S.	N. N	8	Ci.-S.	Cu.-N. WSW
12	SW	1	SW	1	SSW	2	SSW	3	SSW	2	SSW	1	6	Ci.	S.-Cu. WSW	6	Ci.	Cu. SW
13	SSW	1	SSW	1	S	2	S	3	S	3	S	2	4	Ci.	S.-Cu. SW	3	Ci.	Cu.-N.
14	S	1	S	1	SSE	3	SSE	3	Calm	----	Calm	----	7	Ci.	S.-Cu. S	10	Ci.-S.	N. SSE
15	N	1	N	1	ENE	1	SE	2	E	2	Calm	----	5	Ci.	Cu.	6	Ci.	Cu.-N. E
16	Calm	----	Calm	----	N	1	NE	2	N	2	N	1	10	Ci.-S.	Cu.-N.	5	Ci.	Cu.-N. ENE
17	N	1	Calm	----	NE	1	NE	2	E	2	NW	1	9	Ci.-S.	Cu.-N. E	5	Ci.	Cu. ENE
18	NW	1	NNW	2	NNE	2	E	3	E	1	NW	2	2	Ci.	Cu.-N.	9	Ci.-S.	Cu.-N. E
19	N	1	NE	1	N	1	N	1	Calm	----	Calm	----	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. E
20	Calm	----	N	1	N	1	E	1	E	1	N	1	7	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
21	N	1	N	1	E	1	NE	1	N	3	N	2	5	Ci.	Cu.-N.	6	Ci.	Cu.-N. E
22	N	1	N	1	N	2	E	2	E	1	N	1	3	Ci.	Cu. E	6	Ci.	Fr.-Cu. E
23	N	1	N	1	N	2	SW	1	N	3	N	1	3	Ci.	Cu.	5	Ci.	Cu.-N.
24	N	1	N	1	N	1	E	2	N	2	N	2	6	Ci.-S.	Cu. NE	7	Ci.-S.	Cu.-N. E
25	N	1	N	1	SE	1	SW	3	N	3	N	1	7	Ci.	S.-Cu. E	6	Ci.	Cu. SW
26	N	2	E	1	E	1	S	3	N	2	N	1	8	Ci.-S.	Cu. E	4	A.-Cu.	Cu.-N.
27	Calm	----	Calm	----	S	2	SW	2	ESE	4	E	2	5	Ci.	Cu.-N.	4	A.-Cu.	Cu. S
28	N	1	N	1	SE	1	S	2	NE	2	NE	2	4	Ci.	Cu.	6	Ci.	Cu. S
29	NE	1	NE	1	NE	1	NE	2	Calm	----	Calm	----	2	Ci.	Cu.	5	A.-Cu. E	Cu.-N.
30	N	1	N	2	E	2	NE	5	E	3	E	1	2	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
Mean	-------	1.1	-------	1.1	-------	1.7	-------	2.4	-------	1.8	-------	1.1	5.9	------------	------------	6.7	------------	------------

143644——11

SAN ISIDRO.

[φ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

OCTOBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.61	60.60	61.28	58.35	58.71	59.99	59.92	25.6	24.7	29.3	32.9	28.9	27.2	28.1	32.9	24.5	93	98	79	64	73	87	82.3	------
2	59.06	59.10	59.06	56.35	57.19	58.47	58.20	26.8	25	29.6	32.4	28	24.6	27.7	32.9	23.8	90	96	75	64	83	95	83.8	6.1
3	57.22	56.86	57.67	55.02	56	57.20	56.66	24.5	24.5	26.3	28.4	25.6	25.6	25.8	31.9	23.9	96	97	93	85	93	98	93.7	3.1
4	55.81	56.63	57.38	55.20	55.41	56.95	56.23	25	24.8	28.2	28.9	28	26.1	26.8	29.4	24	98	98	88	78	88	92	90.3	------
5	56.15	56.40	56.96	54.93	55.13	57.09	56.11	24.8	23.7	30	31.3	29.1	26.6	27.6	32	23.4	95	98	75	74	70	87	83.2	.3
6	56.09	55.92	56.22	53.91	54.16	56.15	55.41	25.6	24.4	29.1	32.9	29.6	26.6	28	33.1	23.9	95	97	78	67	84	92	85.5	.8
7	55.26	55.42	56.17	54.14	54.20	56.17	55.23	25.2	23.9	29.1	29	27.8	25.5	26.8	81.7	23.3	92	97	81	91	80	92	88.8	4.6
8	54.98	55.58	56.74	54.59	55.14	56.36	55.56	24.5	23.5	29.8	31.8	28.5	27.4	27.6	32.8	22.9	94	97	67	59	76	81	79	------
9	55.71	56.19	57.02	55.22	55.72	57.53	56.23	26.2	25.1	29.9	31.5	28.5	26	27.9	32.6	24.5	92	95	72	66	74	87	81	2
10	56.67	57.33	58.34	56.76	57.86	59.87	57.80	24.5	23.6	29.4	31.6	29	26.4	27.4	32.1	23	97	98	78	67	78	86	84	.8
11	59.64	59.77	60.98	59.16	59.99	61.98	60.25	25.4	24.6	29.4	28.4	27.3	24.8	26.6	33.6	23.9	92	96	76	85	87	92	88	.3
12	60.82	60.52	60.56	58.20	59.64	59.83	59.93	23.8	24	27.4	31.4	25	24.5	26	32.9	23.4	97	99	84	70	97	97	90.7	10.4
13	58.92	58.78	59.23	56.38	57.57	57.97	58.14	23.8	23.5	28.7	30.7	27.5	25.8	26.7	31	23	98	99	80	76	87	92	88.7	9.4
14	57.34	57.31	58.60	56.97	57.32	58.12	57.61	25.1	24.2	24.1	24.4	24.5	24	24.4	25.3	23.4	98	98	97	98	96	97	97.3	46.5
15	57.56	57.69	58.51	57.23	57.94	59.16	58.02	23.8	23.4	26.5	27.8	26.1	25	25.4	29	23	97	98	90	83	96	93	92.8	.8
16	58.23	58.42	59.23	57.05	58.14	59.92	58.50	24.1	23.5	28.9	30.8	26.8	25.8	26.6	32.1	23	97	99	80	77	89	93	89.2	------
17	58.84	59.40	60.14	57.01	57.36	59.74	58.75	25.2	24.1	27	30.5	28.4	24.5	26.6	30.8	23.6	97	99	89	78	82	96	90.2	18
18	58.46	58.90	59.54	56.86	57.46	58.91	58.36	24.4	23.8	28.5	30.6	28.6	26.2	27	32.6	23.3	97	97	83	73	78	95	87.2	------
19	57.99	58.35	59.43	56.87	57.72	59.84	58.37	25.5	24.6	29.7	32.1	28.6	27.2	28	32.5	24.1	96	98	77	66	82	87	84.3	------
20	58.94	59.71	60.16	57.41	57.78	59.59	58.93	25.8	24.8	30.3	32.2	28.6	26.1	28	32.9	24.3	95	98	73	58	69	83	79.3	------
21	58.76	59.26	59.40	57.11	57.40	58.51	58.41	25	24	28.8	29.5	28	25.4	26.8	31.3	23.2	92	96	80	79	84	93	87.3	1.3
22	57.31	57.98	58.47	55.83	56.53	58.15	57.38	24	22.6	28.9	31	27.9	25.1	26.6	31.7	22.2	95	97	78	69	82	93	85.7	4.1
23	56.04	55.49	55.91	52.78	51.80	51.55	53.93	24.8	24.1	25.4	25.6	24.6	25.1	24.9	26.5	23.5	95	98	98	96	97	92	96	28.2
24	49.27	48.54	49.80	48.05	48.47	49.78	48.98	24.2	25	27.5	26.6	26.6	26.8	26.1	27.6	23.6	94	92	81	94	90	86	89.5	10.7
25	49.90	50.72	52.05	52.16	53.17	54.40	52.07	26.1	25.9	27.6	25.1	24.1	22.6	25.2	28.4	22.1	86	85	77	94	89	97	88	10.7
26	54.22	55.21	56.53	54.98	56.25	57.74	55.82	22.4	22	29.1	31.7	27.2	25.2	26.3	32	21.4	96	96	78	66	84	92	85.3	------
27	56.61	57.66	58.25	55.53	56.59	57.22	56.98	24.2	23.9	27.5	30.1	27.2	26	26.5	30.9	23.4	95	97	85	74	90	95	89.3	------
28	55.96	55.52	55.75	53.22	53.07	53.45	54.50	25.5	25	27.5	29.3	26.9	26.2	26.7	29.9	24.5	98	98	87	79	85	83	88.3	------
29	52.18	51.95	52.08	49.59	50.48	52.14	51.40	25.2	26	26.5	26	26	24.8	25.8	27.3	24	88	80	85	89	85	92	86.5	5.1
30	51.80	52.74	54.76	53.55	55.01	56.54	54.07	24.5	23.9	26.6	28.1	26	25.2	25.7	28.8	23.4	92	92	84	77	89	93	87.8	.8
31	55.92	56.41	57.92	56.52	57.71	59.32	57.30	24.2	24.2	28.7	27	25.5	25	25.8	30.6	23.7	97	97	83	88	96	96	92.8	.5
Mean	56.52	56.79	57.55	55.38	56.03	57.41	56.61	24.8	24.2	28.2	29.7	27.2	25.6	26.6	30.9	23.5	94.6	96.1	81.6	76.9	84.9	91.4	87.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	164.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	N	1	Calm	----	N	2	N	2	E	2	Calm	----	7	Ci.-S.	Cu.-N.	4	A.-Cu.	Cu. E
2	Calm	----	N	1	N	3	NE	2	NE	3	N	2	7	Ci.	Cu. E	5	Ci.	Cu. NE
3	N	2	N	1	N	2	N	2	NNW	2	NNW	1	7	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. N
4	NNW	1	Calm	----	NW	1	E	2	E	1	E	1	9	Ci.-S.	N. N	5	Ci.-S.	Cu.-N.
5	E	1	Calm	----	NW	1	SE	2	ENE	1	NW	1	3	Ci.	Cu.-N.	4	Ci.	Cu.-N.
6	N	1	NE	1	NE	1	S	2	S	1	S	1	4	Ci.	S.-Cu.	4	A.-Cu.	Cu.-N.
7	N	1	N	1	SE	2	E	2	E	2	E	1	5	Ci.	S.-Cu. N	7	Ci.-S.	Cu.-N. E
8	N	2	N	1	NE	3	E	4	E	1	E	2	4	Ci.	S.-Cu.	5	Ci.	Cu. E
9	Calm	----	NE	1	ENE	2	E	4	E	3	E	1	5	Ci.	Cu. E	6	Ci.	Cu. E
10	NE	1	NE	1	E	2	E	4	ESE	2	E	2	8	Ci.-S.	Cu.-N. E	5	Ci.	Cu. E
11	NE	1	NE	1	NE	1	E	3	E	2	N	1	9	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
12	N	1	N	2	N	2	E	4	N	2	N	2	8	Ci.-S.	Cu. N	7	Ci.-S.	Cu.-N.NE
13	N	1	N	2	NE	3	E	2	E	2	N	2	7	Ci.	Cu. N	8	Ci.-S.	Cu.-N.
14	N	1	Calm	----	NW	1	NE	1	N	2	N	2	10	Ci.-S.	N.	10	Ci.-S.	N. E
15	N	1	N	1	N	1	SE	2	SE	2	N	1	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. SE
16	N	1	N	1	SE	1	SE	2	Calm	----	N	1	6	Ci.-S.	Cu.-N.	6	Ci.	Cu.-N. SE
17	N	1	Calm	----	N	2	NNW	2	Calm	----	N	2	10	Ci.	Cu. N	6	Ci.	Cu. N
18	N	1	N	1	NW	2	ENE	2	ENE	1	N	2	5	Ci.	Cu.-N.	6	Ci.	Cu.-N.NE
19	N	1	N	1	NE	2	SE	2	SE	1	N	1	5	Ci.	Cu. N	4	Ci.	Cu. E
20	N	1	NE	1	E	2	E	3	E	3	E	1	4	Ci.	Cu. NE	3	A.-Cu.	Fr.-Cu. E
21	NE	1	NE	1	NE	1	SE	1	Calm	----	NE	1	8	Ci.-S.	S.-Cu. E	7	Ci.	Cu.-N. E
22	N	1	N	1	N	1	NW	2	NNW	3	N	2	5	Ci.	Cu.	8	Ci.-S.	Cu.-N.
23	N	2	N	2	N	2	N	4	NNW	5	NNE	7	10	Ci.-S.	N. NNE	10	Ci.-S.	N. N
24	N	7	NNE	5	NNE	6	E	3	E	1	E	2	10	Ci.-S.	s.-cu. ENE	10	Ci.-S.	N. ESE
25	ESE	1	ESE	2	SE	4	SE	2	SSE	2	SSE	2	10	Ci.-S.	N. SE	10	Ci.-S.	N. SSE
26	SSE	2	SSE	1	S	2	S	2	S	3	S	1	2	Ci.	Cu. S	3	A.-Cu.	Cu. S
27	S	1	NNW	1	NNW	2	NW	3	NW	2	Calm	----	6	Ci.	Cu. N	7	Ci.-S.	Cu. NW
28	Calm	----	NW	1	NW	2	WNW	4	WNW	5	Nwbyw	6	10	Ci.-S.	Cu. NW	8	Ci.-S.	Cu. WNW
29	W	8	W	7	WSW	4	WSW	4	SW	2	SW	3	10	Ci.-S.	N. WNW	10	Ci.-S.	N. W
30	SW	2	SW	2	SSW	4	SSW	5	S	1	S	2	10	Ci.-S.	N. WSW	8	Ci.-S.	Cu.-N. sw
31	S	1	S	1	S	3	S	3	E	2	E	2	7	Ci.-S.	Cu. SW	10	Ci.-S.	N. SSW
Mean	-------	1.5	-------	1.3	-------	2.2	-------	2.6	-------	1.9	-------	1.8	7.1	------------	------------	6.9	------------	------------

SAN ISIDRO.

[ϕ=15° 22′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

NOVEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a.m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.03	59.42	59.84	57.83	58.25	60.27	58.94	23.8	23.6	28.6	29.5	27.8	26	26.6	30.4	23	98	99	82	76	80	96	88.5	1.3
2	59.60	59.72	60.07	57.41	58.28	59.26	59.06	25	24.5	29.3	31.6	28.2	25.8	27.4	32.1	24	96	99	72	68	79	92	84.3	------
3	57.70	56.57	55.51	50.28	43.65	46.67	51.73	24.7	23.9	26.1	26.5	25.4	24.5	25.2	27.7	22.6	94	94	98	88	97	99	95	91.1
4	52.19	55.41	58.04	56.38	57.95	59.77	56.62	22.9	23.9	27.4	29.3	26.5	25.7	26	30	22.2	98	97	86	84	92	94	91.8	1
5	59.35	59.77	60.29	57.93	58.34	60.14	59.30	25.2	25	27.9	30.7	29	27	27.5	31.9	24.4	98	98	82	71	76	86	85.2	------
6	58.96	59.87	58.85	57.01	58.03	59.57	58.72	25.4	25	28.7	31.4	27.6	25.4	27.2	32.4	24.3	97	98	84	65	77	97	86.3	------
7	58.66	59.09	59.53	57.41	58.46	59.28	58.74	24	23.5	27.8	31.1	27.2	24.6	26.4	31.5	23.1	98	99	82	65	78	92	85.7	------
8	58.78	59.46	60.14	58	58.45	59.74	59.10	24	22.8	28.5	31.1	27.5	25.7	26.6	32	22.4	95	97	78	69	76	90	84.2	------
9	58.83	59.98	60.10	57.12	58.18	59.19	58.90	25	23.5	28.3	31.9	28.1	25.8	27.1	32.1	23	93	99	74	67	75	85	82.2	------
10	58.06	58.35	58.54	56.21	56.10	55.86	57.19	24	23.7	26.1	25.1	24	23.9	24.5	26.5	23.1	97	97	88	96	98	97	95.5	28.8
11	55.20	56.38	58.20	56.85	57.70	58.62	57.16	24.5	24	25.4	28.9	26	24.8	25.6	29.5	23.2	92	96	93	76	94	98	91.5	5.1
12	57.88	58.51	59.76	58.09	58.80	60.43	58.91	24.4	23.6	26.4	27.9	26.2	25	25.6	28.5	23.3	97	99	92	82	90	93	92.2	------
13	59.72	60.18	60.38	58.53	59.44	60.99	59.87	23.8	23.2	28.9	31.2	27.7	25.2	26.7	31.4	22.8	97	98	72	68	76	92	83.8	------
14	60.18	61.36	61.54	59.23	60.18	61.08	60.60	24.2	24	28	30.6	27.5	25.2	26.6	31.5	23.3	97	97	82	65	76	92	84.8	------
15	60.52	61.51	61.91	59.36	59.59	60.58	60.58	24	23	28.5	31.1	27	24.7	26.4	31.6	22.5	95	99	74	60	77	87	82	------
16	59.78	60.56	61.27	58.40	59.20	60.37	59.93	22.8	22	28	31	27.7	25.5	26.2	31.5	21.4	93	96	70	63	79	91	82	------
17	58.81	59.42	60.29	58.48	59.10	60.58	59.45	24.2	23	28.5	29.1	26.1	23.6	25.8	30.5	22.6	95	97	74	73	80	95	85.7	------
18	60.06	61.27	61.95	59.77	60.46	62.29	60.97	22.7	22.4	27.9	30.5	26.3	23.8	25.6	31	21.8	96	96	71	60	71	86	80	------
19	61.01	61.65	62.46	60.06	60.82	61.98	61.33	22.2	20.5	28.5	30.9	26.6	24	25.4	31.7	19.9	91	92	63	63	75	91	79.2	------
20	60.96	61.23	62.04	59.47	60	61.04	60.79	24.6	23.6	29.3	31.6	27.6	24.8	26.9	31.7	22.3	92	86	68	58	73	87	77.3	------
21	59.92	60.33	61.03	58.60	59.77	60.74	60.06	23.5	23.1	29.8	31.5	28.1	25	26.8	32.7	22.8	94	95	69	63	76	88	80.8	------
22	59.06	59.15	59.98	58.19	58.54	60.10	59.17	24.8	24.2	29.9	30	27.9	24.9	27	31.5	23.3	92	90	68	69	74	83	79.3	------
23	59.26	59.23	60.17	57.26	58.30	59.52	58.96	23.8	23.4	29.1	30.7	27.4	24.6	26.5	31.6	22.5	90	91	74	68	78	91	82	------
24	57.95	58.37	58.85	56.53	57.32	58.34	57.89	23.6	22.5	28.6	30.1	28	25.2	26.3	31.4	21.9	93	97	73	69	79	90	83.5	------
25	57.16	57.48	57.93	55.25	56.20	57.41	56.90	23.9	23	29.3	31.8	27.7	25.5	26.9	32.4	22.4	96	97	72	64	76	88	82.2	------
26	56.06	56.23	57.32	55.23	56.45	58	56.55	24	23.6	29.6	31.7	27.4	25	26.9	32	23.3	97	97	71	71	83	95	85.7	9
27	56.98	57.83	58.44	55.97	56.67	58.35	57.37	24.5	24.2	27.1	29.1	26.4	25	26	30	23.7	97	98	90	81	90	95	91.8	------
28	57.33	58.27	58.69	56.70	57.62	59.05	57.94	24	23.4	28.4	30.5	28	25.7	26.7	31.7	22.8	96	97	75	68	77	93	84.3	------
29	58.06	58.72	59.75	57.46	58.40	59.65	58.67	24.7	23.2	27.9	31.9	26.2	24.8	26.4	32.1	22.4	97	99	82	69	90	95	88.7	------
30	59.01	59.92	60.87	58.51	59.81	60.48	59.77	24.5	23.7	28.4	29.8	26.5	23.8	26.1	30.1	22.8	97	97	70	65	76	88	82.2	------
Mean	58.50	59.17	59.79	57.45	58	59.31	58.71	24.1	23.4	28.2	30.3	27.1	25	26.4	31	22.8	95.3	96.4	77.6	70.1	80.6	91.5	85.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	136.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	E	1	NW	2	E	2	ENE	3	ENE	2	Calm	----	8	Ci.	Cu. NNW	9	Ci.-S.	Cu.-N. E
2	N	2	N	2	NW	2	N	3	E	2	E	1	8	Ci.-S.	Cu.-N. NE	5	A.-Cu.	Cu. NE
3	N	2	N	2	NW	3	NW	5	WNW	9	SSW	9	7	Ci.-S.	Cu.-N.	10	Ci.-S.	N. N
4	SSW	6	S	4	S	5	S	3	S	1	S	1	10	Ci.-S.	N. SSW	6	Ci.	Cu. S
5	NE	1	NE	1	NE	1	N	1	N	1	N	1	2	Ci.	Cu.	4	A.-Cu.	Cu.-N. E
6	Calm	----	SE	1	N	4	E	3	E	2	N	1	7	Ci.-S.	S.-Cu. ESE	5	A.-Cu.	Cu. NE
7	N	1	NNE	1	N	2	E	3	E	2	N	1	2	Ci.	S.-Cu. NE	5	A.-Cu.	Cu. E
8	N	2	N	1	NE	1	NE	2	E	2	N	1	1	Ci.	S.-Cu.	7	Ci.	Cu. ENE
9	N	1	N	1	N	2	N	1	E	2	N	2	3	Ci.	Cu. NE	2	Ci.	Cu.-N.
10	NE	1	NE	1	NE	1	N	2	N	3	NNE	5	8	Ci.-S.	Cu.-N. NE	10	Ci.-S.	N. NE
11	NE	2	E	2	NE	3	S	3	Calm	----	N	1	10	Ci.-S.	N. ESE	9	Ci.-S.	Cu.-N. S
12	N	1	Calm	----	E	1	E	2	E	2	N	1	6	Ci.-S.	Cu.-N. S	8	Ci.-S.	Cu.-N. S
13	N	1	NE	1	E	3	E	3	E	2	N	1	6	Ci.-S.	Cu.-N. ESE	5	Ci.	Cu. E
14	N	1	N	1	N	2	ESE	2	ESE	2	N	1	6	Ci.	Cu. N	6	Ci.	Cu. E
15	N	1	N	1	N	2	E	2	E	2	NE	2	9	Ci.	Cu. N	4	Ci.	Cu. E
16	N	1	Calm	----	ENE	2	E	1	E	1	NE	2	2	Ci.	Cu.-N.	6	A.-Cu.	Cu. E
17	NE	1	NE	1	NE	2	E	2	E	2	E	1	4	Ci.	S.-Cu. NE	7	A.-Cu.	Cu. E
18	N	1	N	1	NE	3	NE	2	E	3	N	1	2	Ci.	Cu. E	4	A.-Cu.	Fr.-Cu. E
19	N	1	NE	1	NNE	4	E	2	E	1	E	2	3	Ci.	Cu. E	5	Ci.	Cu. E
20	N	1	N	1	NE	4	NE	4	NE	3	N	1	2	Ci.	S.-Cu. E	2	Ci.	Cu. NE
21	N	1	NE	2	NE	4	NE	3	NE	3	N	1	4	Ci.	Cu. NE	3	Ci.	Cu. NE
22	N	1	N	1	NE	2	NNE	4	NNE	3	N	3	6	A.-Cu.	Cu. NE	6	Ci.	Cu. NE
23	N	2	N	2	NE	2	NE	2	NE	3	N	1	3	A.-Cu.	S.-Cu. NE	5	Ci.	Cu. ENE
24	N	1	NNE	1	NNE	2	E	1	E	2	E	1	3	Ci.	Cu. NE	6	Ci.	Cu. E
25	N	1	N	1	N	1	E	2	E	2	Calm	----	4	Ci.	Cu. NE	5	Ci.	Cu.-N. NE
26	N	1	Calm	----	NW	2	ESE	3	ESE	2	E	2	4	Ci.	S.-Cu.	7	Ci.	Cu.-N. E
27	Calm	----	E	1	E	1	E	1	NE	2	N	2	10	Ci.-S.	Cu.-N. E	7	A.-Cu.	Cu. E
28	N	2	N	1	N	1	E	2	E	1	N	1	2	Ci.	S.-Cu. E	7	Ci.	Cu. E
29	N	1	N	1	N	1	NE	2	Calm	----	N	1	6	Ci.	Cu. N	6	Ci.	Cu.-N. NE
30	N	1	N	2	N	4	NNE	4	E	3	N	1	8	Ci.-S.	Cu.-N. E	6	Ci.	Cu.-N. E
Mean	-------	1.3	-------	1.2	-------	2.3	-------	2.4	-------	2.2	-------	1.6	5.2	------------	------------	5.9	------------	------------

SAN ISIDRO.

[$\phi = 15° 22'$ N; $\lambda = 120° 53'$ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

DECEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.71	60.28	61.08	58.59	60.29	61.44	60.23	22.5	21.9	28.8	30	27	25	25.9	31	21	96	96	67	66	78	85	81.3	2.5
2	59.98	60.67	61.84	60.21	59.83	60.94	60.58	23.7	23.1	24.9	23.6	23.5	22.8	23.6	25.5	22	94	95	92	97	97	97	95.3	3.6
3	59.36	59.98	60.78	58.93	58.99	60.57	59.77	21.7	21	27.1	29	25.6	22.5	24.5	29.4	20.7	98	98	76	68	76	93	84.8	-----
4	59.83	60	60.87	58.36	59.15	59.78	59.66	21.5	19.5	26.8	30.4	25.9	23	24.5	30.8	19	87	95	68	59	72	87	78	-----
5	58.67	58.78	59.94	57.67	58.14	59.35	58.76	21.8	21.7	27	28.5	25.4	23	24.6	30	20.5	91	91	74	62	76	90	80.7	-----
6	58.13	57.25	58.52	55.15	54.92	54.32	56.38	21.8	20	26	28.7	25.8	24	24.4	28.9	19.1	93	95	71	56	81	87	80.5	2.8
7	52.69	51.60	51.44	48.40	48.26	49.34	50.29	23	23.5	24.4	23.6	24.4	26.1	24.2	26.9	22.5	97	97	98	99	96	79	94.3	45.6
8	49.09	51.59	53.67	53.18	53.88	55.88	52.88	25.8	24.1	26.1	26.1	25.6	24.5	25.4	26.9	23.5	90	96	91	94	87	92	91.7	3.3
9	55.60	56.69	57.30	55.59	56.96	58.37	56.75	23	22.5	28.4	28.4	25	24.8	25.4	31.5	22	96	98	79	81	96	98	91.3	16.3
10	58.01	58.38	59.29	57.13	58.18	59.31	58.38	23.8	23.2	27.5	29	26.5	24.9	25.8	30.4	22.9	98	98	85	75	84	96	89.3	-----
11	57.91	57.86	59.12	56.80	57.10	58.50	57.88	24.2	23.9	25.1	27.5	26.5	25.7	25.5	28.1	23.4	97	97	93	81	94	96	93	4.8
12	57.52	57.76	58.34	55.76	56.81	57.92	57.35	24.7	24.1	26	29.5	25.8	25	25.8	29.8	23.4	97	98	92	78	97	97	93.2	2.1
13	57.03	57.46	58.31	55.33	56.17	57.94	57.04	24.8	24.2	27	30	27.6	25.2	26.5	30.5	23.7	97	99	87	75	89	98	90.8	24.4
14	57	57.56	59.17	56.11	57.26	58.21	57.55	24.8	24.6	25.6	24.6	24.9	24.5	24.8	26.1	24	98	99	98	99	97	99	98.3	13.9
15	57.72	58.51	59.45	56.82	58.21	59.44	58.36	24.2	24	27.6	29.9	26.8	25.5	26.3	30.2	23.6	98	98	87	76	95	98	92	4.1
16	58.59	59.20	60.09	57.91	58.23	60.15	59.03	24.6	23.5	27.6	30.8	27	24.7	26.4	31.2	23	98	99	80	73	80	91	86.8	-----
17	59.45	60.06	60.92	57.99	58.34	60.21	59.50	23.8	22.2	26.9	30.4	26.5	25	25.8	30.9	21.9	95	99	85	69	92	95	89.2	-----
18	59.51	60.13	60.97	59.25	60.14	61.74	60.29	23.8	23	27.4	28.5	25.5	23.2	25.2	29.4	22.5	95	97	70	67	80	90	83.2	-----
19	60.71	61.17	62.16	59.94	60.84	61.70	61.09	23	20.5	25.7	28.4	25.8	23.6	24.5	29.1	19.8	90	91	75	64	78	83	80.2	-----
20	61.16	61.64	62.70	60.14	61.07	62.61	61.55	22.5	22.4	26.7	28.9	25.5	23.4	24.9	29.6	21.7	91	92	69	67	75	90	80.7	-----
21	61.59	61.91	63.05	60.45	60.69	62.05	61.62	21.6	21	27.1	30.2	26	23.6	24.9	30.9	20.5	96	97	71	62	74	90	81.7	-----
22	61.01	60.92	61.87	59.49	60.35	61.84	60.91	22.6	21.1	27.1	29.6	25.6	22.7	24.8	30.4	20.6	95	95	75	63	71	87	81	-----
23	60.73	61.05	62.39	60.18	60.98	62.24	61.26	21	19.6	27	28	25	21.9	23.8	30	19.1	93	96	70	68	80	92	83.2	-----
24	61.03	61.39	62.43	60.13	60.70	61.51	61.20	21.2	20.4	25.9	28.3	25.5	23.5	24.1	28.6	19.8	95	94	74	67	74	87	81.8	-----
25	60.71	60.63	61.64	58.87	60.21	61.10	60.53	23	23.8	27	29.4	27.1	23.9	25.7	29.7	22.4	95	80	73	66	76	84	79	-----
26	60.21	60.42	61.45	58.71	59.86	60.25	60.15	22.5	22	27	30	26.6	23.8	25.3	30.6	21.2	87	87	71	63	72	86	77.7	-----
27	59.21	59.67	59.99	56.66	57.18	58.40	58.52	22.5	21.4	27.5	31.5	27.5	25.6	26	32	20.7	87	93	77	63	77	90	81.2	-----
28	57.46	57.92	58.63	55.96	57.07	58.21	57.54	24.5	23.5	28.2	31.6	28.4	25.2	26.9	32.5	23	94	99	77	66	76	92	84	-----
29	57.25	57.82	58.73	56.38	57.74	59.40	57.89	24.2	23	27.2	31	28.8	25.6	26.6	31.6	22.4	94	98	87	72	83	98	88.7	.3
30	58.49	59.12	60.18	57.92	58.95	60.02	59.11	25	23.3	27.6	31.8	27.8	25.5	26.8	32	22.8	98	99	85	66	76	86	85	-----
31	59.28	60.13	60.83	58.32	58.69	59.85	59.52	23.5	22.6	28.2	29.1	27	24.6	25.8	31.3	22	92	95	80	79	77	92	85.8	-----
Mean	58.54	58.95	59.91	57.49	58.23	59.44	58.76	23.2	22.4	26.9	28.9	26.2	24.3	25.3	29.9	21.8	94.3	95.5	79.9	72.3	82.5	91.1	85.9	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	123.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	1	N	1	NE	2	NE	3	E	2	N	2	6	Ci.	Cu. E	6	Ci.	Cu. E
2	N	2	N	2	E	1	SE	1	Calm	----	N	1	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	N. E
3	N	1	NE	1	N	2	E	1	E	2	N	1	5	Ci.	S.-Cu. E	7	Ci.-S.	Cu. E
4	N	1	N	1	N	3	E	3	E	2	N	1	4	Ci.	S.-Cu.	5	Ci.	Cu. E
5	N	1	N	1	E	2	E	3	E	3	N	1	5	Ci.	S.-Cu. E	9	Ci.-S.	Cu.-N. NE
6	N	1	N	1	N	3	N	3	N	3	NNW	3	6	Ci.-S.	Cu.	7	Ci.-S. SE	Cu.-N.
7	NNW	4	N	4	N	5	NNW	7	NNE	6	NE	6	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
8	E	4	SE	2	SE	2	SE	2	SE	1	SE	2	10	Ci.-S.	N. SE	10	Ci.-S.	N. SE
9	SE	1	SE	1	SE	1	SE	2	E	2	NE	1	4	Ci.	Cu.-N.	6	Ci.	Cu.-N. SE
10	NE	1	NE	1	NE	2	E	3	E	2	NW	3	6	Ci.	Cu.-N. E	6	Ci.	Cu.-N. E
11	N	1	N	2	NE	3	N	3	N	2	N	1	10	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. NE
12	N	1	Calm	----	NW	2	Calm	----	E	1	E	1	10	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. NE
13	N	1	N	1	NW	1	N	2	Calm	----	N	1	10	Ci.-S.	S.-Cu. N	5	Ci.	Cu. NE
14	N	2	Calm	----	S	1	ENE	1	Calm	----	N	1	10	Ci.-S.	Cu. SE	10	Ci.-S.	N. E
15	N	1	Calm	----	NE	1	NE	1	SE	1	N	1	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. NE
16	N	1	NW	1	N	2	ENE	2	E	1	NW	1	4	Ci.	Cu.-N.	6	A.-Cu.	Cu.-N. E
17	NNW	1	NNW	1	NW	3	N	3	NW	3	NW	1	2	Ci.	Cu.	5	A.-Cu.	Cu. NE
18	NW	1	N	1	NE	4	NE	4	NE	2	NE	3	3	Ci.	Cu. NE	6	Ci.-S.	Cu. ENE
19	NE	2	Calm	----	NE	2	NE	3	NE	2	N	1	8	Ci.-S.	Cu.-N. E	7	A.-Cu. E	Cu. NE
20	N	1	N	1	N	2	NE	1	E	3	NW	1	9	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.-N. E
21	N	1	N	1	NE	2	NE	2	E	2	N	2	4	Ci.	Cu. E	5	A.-Cu.	Cu. E
22	N	1	N	1	N	1	E	4	E	4	N	1	2	Ci.	Cu.	6	Ci.	Cu. NE
23	N	1	N	1	E	2	E	1	E	1	Calm	----	2	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
24	N	1	N	1	NE	2	NE	2	E	2	Calm	----	4	Ci.	S.-Cu. E	6	Ci.	Cu. NE
25	N	2	N	3	N	4	SE	2	SE	2	N	2	9	Ci.-S.	Cu.-N. E	6	A.-Cu.	Cu. E
26	N	1	NE	2	N	2	NE	2	NE	2	N	1	4	Ci.	Cu.-N.	6	A.-Cu.	Cu. E
27	N	1	N	1	NNE	3	NE	3	E	2	N	1	3	Ci.	Cu. NE	4	A.-Cu.	Cu. NE
28	N	1	NW	1	NW	1	ESE	1	SE	1	N	1	6	Ci.	S.-Cu. E	6	A.-Cu.	Cu. E
29	NW	1	N	1	ESE	1	ESE	1	NE	1	N	2	2	Ci.	S.-Cu. ESE	4	Ci.	Cu. E
30	NE	1	NE	1	NE	2	E	3	E	1	N	1	7	Ci.	Cu. E	6	Ci.	Cu.-N. NE
31	N	1	N	1	N	1	E	3	E	2	N	1	5	Ci.-S.	Cu.-N. E	6	Ci.-S.	Cu.-N. E
Mean	------	1.3	------	1.2	------	2.1	------	2.3	------	1.9	------	1.5	6	------	------	6.8	------	------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

JANUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.82	60.75	61.79	59.63	59.94	60.60	60.59	22	20	28.6	28.7	26.6	25.6	25.2	31.2	19.6	91	94	66	66	68	71	76	------
2	60.63	61.52	62.56	59.50	59.84	60.70	60.79	21.8	19.6	27.5	30	26.5	23	24.7	31.2	19.4	89	93	68	56	68	79	75.5	------
3	60.45	60.66	62.35	59.90	60.63	61.80	60.96	21.3	20.2	28.2	29.9	27.5	24	25.2	32.8	19.6	82	87	61	58	66	73	71.2	------
4	61.50	61.60	62.47	60.22	61.30	62.24	61.56	22.6	22	30	30.7	27.2	25.5	26.3	33.9	21.5	78	77	47	51	69	71	65.5	------
5	62.04	61.72	62.50	59.68	60.40	61.52	61.31	24.8	24.2	30.9	31.5	27.5	27	27.6	32.9	24	75	79	47	51	73	74	66.5	------
6	60.92	61.25	62	59.49	59.89	60.83	60.73	23.8	22.4	30	29.6	27	27	26.6	31.9	22.1	86	92	60	70	81	83	78.7	------
7	60.04	60.41	61.31	59.44	60.01	60.98	60.36	26.6	26	27.5	27	25.5	25	26.3	28.9	24.4	80	79	73	72	75	75	75.7	------
8	60.02	60.54	61.90	59.94	60.21	61.11	60.62	24.7	24.5	26.1	28	25.5	22.1	25.2	28.8	21.2	73	73	65	63	72	89	72.5	------
9	60.60	60.61	62.25	59.24	60.03	61.40	60.69	20.6	20.6	28.5	29.6	27	24.6	25.2	30.8	20.1	94	90	63	61	76	75	76.5	------
10	60.85	61.02	62.32	60.02	60.87	62.13	61.20	23.3	23	30.5	33	26.9	24.9	26.9	34.3	22	82	83	58	52	80	88	73.8	------
11	61.49	61.92	63.40	61.10	61.10	61.95	61.83	22.7	21.5	29.5	30	26.8	26	26.1	31.1	21.4	92	95	66	65	78	80	79.3	------
12	60.62	61.31	62.90	60.77	61.50	62.56	61.61	24	21.2	27.2	29.1	26	25.5	25.5	29.8	20.6	83	94	72	67	79	80	79.2	------
13	62.17	62.35	63.37	61.45	62.23	63.48	62.51	22.4	20.5	29.5	29.5	27	24.1	25.5	30.9	20	93	95	61	64	70	78	76.8	------
14	62.91	62.71	63.69	61.50	62.02	62.81	62.61	21.7	21.2	29.5	28.5	26.6	23.6	25.2	33.2	20.2	86	89	61	67	76	74	75.5	------
15	62.45	62.88	64.43	61.74	62.64	63.97	63.02	21.8	21	29.4	31	26.6	23.2	25.5	33.4	20.7	80	84	56	50	62	71	67.2	------
16	63.73	64	65.17	62.85	63.98	64.63	64.06	21.8	21.5	29.1	29.3	26	25.7	25.6	32.8	21	79	81	57	54	73	74	69.7	------
17	63.62	64.23	65.54	62.58	62.74	63.89	63.77	22.8	22	27.5	29.5	26.5	23.6	25.3	30.8	21.6	80	81	66	59	75	77	73	------
18	63.36	63.82	64.68	62.57	62.79	63.85	63.51	21.9	21.5	29	28.5	26.6	23.6	25.2	32.1	20.4	86	86	61	60	71	85	74.8	------
19	62.78	62.88	63.19	60.47	61.24	61.95	62.08	21.6	20.2	28.6	30	26.5	25.8	25.4	31.2	19.5	90	92	60	57	76	77	75.3	------
20	61.31	61.38	62.10	59.38	59.79	61.16	60.85	23.6	20.7	27.9	29	26	25.5	25.4	30.1	20.5	80	94	67	64	72	74	75.2	------
21	60.47	61.40	62	59.44	60.14	61.55	60.83	22.4	21.4	29.4	29.9	26.5	25.9	25.9	32.5	20.6	89	93	62	62	79	80	77.5	------
22	61.15	62	63.25	60.45	60.80	61.80	61.58	24.7	21.7	27.5	29	26.5	26	25.9	30.2	21.3	83	96	69	67	80	84	79.8	------
23	61.14	61.35	62.54	59.79	60.21	61.47	61.08	23.3	22	27	29.4	27	24.7	25.6	31	21.6	93	95	75	67	72	83	80.8	------
24	60.52	60.50	61.44	59.42	60.14	61.49	60.58	23.6	23.5	29.1	28.6	26.4	23.9	25.8	31.1	23	83	78	56	63	73	80	72.2	------
25	60.96	62	62.87	59.98	60.32	61.26	61.23	22.8	21	30	31	27	24.6	26.1	33.3	20.5	77	86	55	53	70	75	69.3	------
26	60.65	61.35	62.63	59.77	60.44	61.26	61.02	23.7	21.8	29.7	33.4	28.6	24.6	27	34.4	21.5	76	87	62	50	65	75	69.2	------
27	60.30	60.81	62.10	59.44	60.05	61.28	60.66	23.5	22.3	28.7	30.5	27	26.8	26.5	31.5	21.5	79	84	59	61	80	80	73.8	------
28	60.19	60.51	61.95	59.77	59.83	61.01	60.54	24.5	23.6	28.1	29.5	27	26.8	26.6	30.4	23.4	87	90	70	66	77	74	77.3	------
29	60.14	60.81	61.92	59.21	59.65	61.33	60.51	23.7	22.5	31	34	27.5	25.1	27.3	35.7?	22.3	89	89	56	48	73	86	73.5	0.8
30	60.71	60.75	61.97	60.01	60.92	62.13	61.08	22.9	22.7	29.6	32	27.5	24.7	26.6	33.9	22.5	93	89	63	54	69	75	73.8	------
31	61	61.62	62.29	59.53	60.20	61.53	61.03	22.8	23.5	30	34.4	27	26.4	27.4	35.2	22	87	80	57	45	80	83	72	4.1
Mean	61.28	61.63	62.74	60.27	60.83	61.92	61.45	23	21.9	28.9	30.1	26.8	25	26	32	21.3	84.4	87.3	61.9	59.5	73.5	78.2	74.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	4.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	SE	NWbyN	NWbyN	N	21.9	42.1	101.1	93.5	258.6	0	------------	------------	0	Ci.	Cu.
2	N	N	N	NNW	NNW	E	26.9	30.8	78.4	47.2	183.3	0	------------	------------	0	------------	Cu.
3	SE	SE	SSE	N	N	S	45.1	47.5	70.6	42	205.2	0	------------	------------	1	Ci.	Cu.
4	S	SSE	SSE	NNW	N	SW	80.2	87.7	70.5	45.4	283.8	0	Ci.	Cu.	8	A.-Cu.	Cu.
5	S	SE	SSE	NNW	NNW	Calm	46.2	46.7	74	51	217.9	10	------------	S.-Cu.	9	Ci.-S.	Cu.
6	Calm	SE	SE	NNW	NNW	NW	26.2	35.4	113.8	93.8	269.2	2	Ci.	Cu.	2	Ci.	Cu.
7	NNW	NNW	NNW	NWbyN	NW	NNW	79.9	111.6	152.3	127.7	471.5	9	A.-Cu.	S.-Cu. WSW	6	Ci.	Cu. NNW
8	NWbyW	NWbyN	NNW	NW	NW	NW	101.9	97.1	89.1	22.5	310.6	6	A.-Cu. SW	S.-Cu.	3	A.-Cu. SSW	Cu.
9	NW	N	NE	NNW	Calm	SSE	33.6	47.7	66.2	97.6	245.1	0	Ci.	S.-Cu.	1	Ci.	Cu.
10	S	SE	SSE	NW	NNW	SW	83.5	83.5	87.7	41.6	296.3	0	------------	Cu.	4	------------	Cu.
11	SW	SSW	WSW	NW	NNW	NWbyW	21.2	38	108	104.1	271.3	0	Ci.	------------	1	------------	Cu.
12	NNW	Calm	NW	NW	NW	NW	45.9	36.2	98.8	80.2	261.1	4	Ci.	Cu.	1	Ci.	Cu.
13	Calm	NE	SSE	NNW	NNW	S	31.7	40	81.6	48.6	201.9	0	Ci.	Cu.	2	Ci.	Cu.
14	Calm	S	SE	NNW	NW	NNW	31.6	60.2	72.9	61.2	225.9	0	------------	Cu.	7	A.-Cu. SE	Cu.
15	S	SSE	S	SSE	SE	SSE	60.9	67.6	66.3	59	253.8	0	------------	Cu.	5	A.-Cu.	Cu.-N. SE
16	S	SSE	SSE	NNW	NW	NNW	75.4	79.5	102	64.4	321.3	3	Ci.	Cu.	3	Ci.	Cu.
17	Calm	SSE	S	NW	N	SSE	29.8	43.7	63.6	51.7	188.8	9	Ci.-S.	S.-Cu.	7	Ci.	Cu.
18	SSE	SSE	S	NW	NNW	SW	45.7	52.8	83.4	46.5	228.4	2	Ci.	Cu.	8	A.-Cu. SE	Cu.
19	Calm	S	SSE	NW	NW	NNW	25.2	38.3	97.9	91.5	252.9	0	------------	S.-Cu.	1	------------	Cu.
20	N	NW	E	NW	NW	NW	35.1	36.2	104.6	91.7	267.6	6	A.-Cu.	S.-Cu.	1	------------	Cu.
21	NE	EbyS	SE	NW	NW	NW	35.2	47.8	97.2	86.3	266.5	0	------------	S.-Cu.	1	------------	Cu.
22	N	Calm	NNW	NW	NNW	NW	26.6	39.7	116.2	86.4	268.9	1	------------	Cu.	1	------------	Cu.
23	Calm	Calm	N	NW	NW	SE	17.7	31.9	103.8	91.2	244.6	2	Ci.	S.-cf. WSW	2	------------	Cu.
24	S	SE	SSE	NNW	NNW	SSW	75.3	63.1	85.8	47.7	271.9	7	------------	S.-Cu. WSW	8	A.-Cu. SSW	Cu.
25	S	ESE	SSE	NNW	NNW	SSE	66.6	54.7	83.5	53.1	257.9	1	------------	Cu.	1	------------	Cu.
26	SE	SE	SE	SSE	E	SE	59	67.1	71.9	62.8	260.8	9	------------	S.-Cu.	5	A.-Cu.	S.-Cu. E
27	SSE	S	S	NW	NNW	NW	58.1	45.7	79.2	60	243	0	------------	Cu.	1	------------	Cu.
28	ENE	Calm	NW	NW	NW	NNW	23.6	52.6	117.2	77.2	270.6	5	A.-Cu.	S.-Cu.	1	Ci.	Cu.
29	E	SSE	SSE	S	NW	SE	36.5	65.2	76.9	54.4	233	1	Ci.-Cu. EbyS	S.-Cu.	5	------------	Cu.
30	SE	SE	SSE	SSW	SE	SE	33.2	56.9	51.2	56	197.3	10	A.-Cu. E	S.-Cu.	10	A.-Cu.	Cu.-N. ESE
31	SE	SE	SSE	SE	NNW	NW	68.7	88.8	78.1	73.7	309.3	7	A.-Cu. SbyE	S.-Cu.	2	Ci.	Cu.
Mean	------	------	------	------	------	------	46.7	56	88.5	68.1	259.3	3	------------	------------	3.5	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	8,038.3	----	------------	------------	----	------------	------------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

FEBRUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.18	61.21	62.79	60.06	60.68	61.45	61.23	25	23.4	29.6	31.9	27	26.3	27.2	33.8	22.5	83	85	64	58	77	78	74.2	------
2	60.30	60.66	61.53	58.89	58.80	60	60.03	22.8	21.7	29.3	31.5	27.5	26.2	26.5	34	21.2	93	94	64	56	76	76	76.5	------
3	59.02	59.02	60.54	58.08	58.49	59.93	59.18	23.2	21.6	29	33.5	27.5	25.5	26.7	34.8	21.2	90	93	65	50	78	82	76.3	------
4	59.35	59.68	60.90	58.87	59.19	60.31	59.72	22	20.6	28.5	30.9	27	26	25.8	31.6	20.2	94	91	64	53	72	78	75.3	------
5	60.27	61.01	61.93	59.03	60.02	61.08	60.56	24.3	23	29.5	32	27.5	26.5	27.1	34	22.4	86	89	64	53	73	78	73.8	------
6	60.33	60.47	61.94	59.01	59.33	60.39	60.24	25	23	28.9	31.5	27	26	26.9	32.1	22.6	83	90	62	60	75	79	74.8	------
7	59.60	59.93	61.22	58.61	59.11	60.30	59.80	23	21.7	30	34	28.6	26.7	27.3	35.4	21.4	87	87	57	44	68	73	69.3	------
8	60	60.90	62.03	59.33	59.89	61.43	60.60	23.4	21	29.5	34.5	28	26	27.1	35.8	20.5	81	91	56	42	71	79	70	------
9	61.11	61.25	62.50	59.45	59.85	60.89	60.84	22.4	21.1	29.9	35.4	27.9	24	26.8	35.8	20.6	89	90	58	36	68	67	68	------
10	60.47	60.71	61.03	58.31	59.04	59.95	59.92	22.2	20	30.4	30	27.5	26.5	26.1	35.4	19.5	72	84	51	61	76	82	71	------
11	59.16	59.57	60.47	58.46	58.40	60.12	59.36	23.7	21.9	30.4	31.1	27.5	26.6	26.9	32.5	21.2	87	89	57	63	77	80	75.5	-----
12	59.76	59.77	61.18	59.23	58.95	60.23	59.85	24.4	22.3	30.5	29.9	27.5	26.8	26.9	32.6	22	87	93	62	64	71	71	74.7	------
13	59.87	60.17	61.44	58.54	58.64	60.05	59.78	22.7	21.6	30.7	32.5	27.9	25.5	26.8	33.8	21.4	90	94	57	54	74	84	75.5	------
14	59.34	60.11	61.97	59.66	60.74	62.09	60.65	23.4	22.4	31	30	27.7	25.4	26.6	34.3	21.4	80	83	54	58	68	66	68.2	------
15	61.35	62.28	63.53	60.92	60.99	62.14	61.87	23.4	21.5	29.9	31.6	28	26.4	26.8	34.3	21	71	81	51	50	63	67	63.8	------
16	61.75	61.98	63.18	60.38	60.39	61.69	61.56	22.7	21.8	29.9	31.6	27.5	24.6	26.4	34.3	20.3	78	75	49	45	63	80	65	------
17	61.17	61.81	63.14	60.18	60.07	60.89	61.21	21.5	19	29.5	31.4	27	26.1	25.8	32.8	18.6	85	86	49	48	68	71	67.8	------
18	60.25	60.97	62.58	59.98	60.60	62.36	61.12	23	20.4	29.5	30.7	27	26.5	26.2	34.3	20	82	91	54	52	70	72	70.2	------
19	61.85	61.96	63.35	61.20	61.29	62.03	61.95	25.8	25.6	29.1	29	26	25.1	26.8	30.4	24.5	75	75	64	60	73	78	70.8	------
20	60.90	61.35	62.70	60.52	60.98	62.10	61.42	24.4	20.5	27.5	29	26	25.8	25.5	30.1	20.2	76	94	66	58	79	77	75	------
21	61.19	61.37	62.47	60.05	60.62	61.69	61.23	24.8	21.5	29.7	29.6	27.5	25	26.4	31.3	21	78	91	57	62	76	86	75	------
22	60.59	61.61	62.68	60.24	61.20	62.24	61.43	23.9	22.3	29.5	32.5	25	23.7	26.2	34.3	21.6	86	88	65	54	95	92	80	10.7
23	61.55	61.97	62.72	60.82	60.67	61.83	61.59	22.8	22	30	30.5	28	25.7	26.5	32.8	21.6	94	96	61	56	63	69	73.2	------
24	61.04	61.51	62.65	59.94	60.04	61.71	61.15	22.7	21.1	30.6	30.5	27.5	24.4	26.1	35.4	20.6	82	89	55	56	68	68	69.7	------
25	61.35	61.74	62.64	59.51	59.81	61.69	61.12	23.4	22.1	31	34.5	30	24.7	27.6	35.9	21.5	70	77	42	31	47	70	56.2	------
26	60.55	61.51	62.72	59.62	59.66	60.90	60.83	21.7	20.1	30	35.5	28.1	25.4	26.8	36.4	20	81	90	51	28	60	80	65	------
27	60.26	61.15	62.20	59.79	59.45	60.88	60.62	22.5	20.5	30	31.5	27	26.4	26.3	33	20.2	84	86	55	50	77	77	71.5	------
28	60.75	61.51	62.55	59.43	59.29	61.36	60.82	23.6	22.5	30.5	29.5	28	24.5	26.4	34.8	21.9	90	91	50	67	69	75	73.7	------
Mean	60.51	60.97	62.16	59.58	59.86	61.13	60.70	23.3	21.6	29.8	31.6	27.5	25.7	26.6	33.8	21.1	83.4	88	57.3	52.5	71.2	76.2	71.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	E	SSE	WNW	NW	NW	19.5	49.7	77.2	67.3	213.7	6	Ci.	Cu.	2	Ci.	Cu.
2	NE	SE	SE	NW	NNW	NW	38	56	75.6	75.9	245.5	2	Ci.	Cu.	2	Ci.	Cu.
3	W	Calm	SSE	SSE	WNW	NNW	29.6	57.9	66	32.8	186.3	9	Ci.-S.	S.-Cu.	0	------	Cu.
4	N	EbyS	SE	NW	NNW	NW	24.1	50.2	85.6	80	239.9	0	Ci.	Cu.	1	Ci.	Cu.
5	Calm	SEbyS	S	NNW	NW	NW	38.8	56	71.9	87.1	253.8	8	------	S.-Cu. N	2	------	Cu.
6	NE	NE	SE	NW	NNW	NW	27.7	34.4	85	68.9	216	4	A.-Cu.	Cu.	1	------	Cu.
7	NW	S	SE	SSE	NW	NW	36	60.6	68.4	41.3	206.3	0	------	Cu.	2	Ci.	Cu.
8	E	ESE	SSE	SSE	NNW	NW	29.8	67.3	73.5	52	222.6	4	Ci.	S.-Cu.	2	------	Cu.
9	Calm	EbyS	SE	SE	NE	S	25.7	58.4	87.5	39.2	210.8	0	Ci.	Cu.	0	------	Cu.
10	SSE	SE	SE	NNW	NW	NW	48.9	78.9	94.6	42.1	264.5	0	Ci.	------	7	Ci.	Cu.
11	Calm	E	SE	NW	NW	NW	21.1	40.8	100.4	82.6	244.9	0	Ci.	S.-Cu.	1	Ci.	Cu.
12	W	WbyS	SSE	NNW	NW	N	25.9	43.8	96.3	78.3	244.3	1	Ci.	S.-Cu.	7	A.-Cu. SE	Cu.
13	N	SE	SE	NW	NNW	NW	35.6	39.6	86.7	36.7	198.6	0	Ci.	Fr.-Cu.	1	Ci.	Cu.
14	SSW	SSE	S	NNW	NNW	S	44.1	57.1	80.5	49.6	231.3	0	Ci.	Cu.	7	------	S.-cf. SE
15	S	SE	SSE	NW	NNW	NW	58.5	87.2	90.7	73.2	309.6	1	------	Cu.	1	------	Cu.
16	S	SSE	SE	NW	NW	S	49.1	81.6	84	58.2	272.9	0	------	Cu.	1	------	Cu.
17	Calm	S	SE	WNW	NW	NW	28.4	48.3	87.1	88	251.8	0	------	Fr.-Cu.	1	------	Cu.
18	N	ENE	SE	NW	NW	NW	33.6	52.5	95.8	96	277.9	0	Ci.	Cu.	1	------	Cu.
19	N	NW	NNW	NNW	NW	NW	69.7	60.6	131.4	116.5	378.2	5	------	Cu.-N. NNW	1	Ci.	Cu.
20	NW	NNW	NNW	NNW	NW	NW	47	35.1	127.4	126.8	336.3	1	Ci.	Cu.	1	Ci.	Cu.
21	N	NE	SSW	NNW	NW	Calm	45.1	53.9	82.9	33.2	215.1	0	Ci.	Cu.	5	A.-Cu. E	S.-Cu.
22	S	ENE	SSE	SSE	NE	NW	35.7	76.7	87.7	52.1	252.2	9	A.-S.	S.-Cu. E	9	A.-Cu. SE	Fr.-N.
23	Calm	NW	SE	SSE	SE	SE	15.5	41.6	71.6	54.9	183.6	2	Ci.	S.-Cu.	9	A.-Cu. SE	Fr.-N.
24	Calm	S	SSE	NNW	NW	SW	34.6	67.6	82.1	48.3	232.6	0	Ci.	Cu.	3	------	Cu. E
25	SSE	SSE	SSE	SSE	SE	S	77.4	89.1	108.6	40	315.1	0	Ci.	------	1	Ci.	Cu.
26	SE	SE	SSE	SE	NNW	NW	40.4	78.1	75.9	66.3	260.7	0	Ci.	------	1	------	Cu.
27	S	SSE	SSE	NNW	NW	NW	37.2	43.3	103.2	99.6	283.3	1	Ci.	Cu.	2	Ci.	Cu.
28	Calm	NW	S	NNW	NNW	S	27.6	59.5	84.5	59.7	231.3	7	A.-Cu.	S.-Cu.	3	A.-Cu.	Cu.
Mean	------	------	------	------	------	------	37.3	58.1	87.9	66	249.3	2.1	------	------	2.6	------	------
Total	------	------	------	------	------	------	-----	-----	-----	-----	6,979.1	----	------	------	----	------	------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

MARCH, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.40	61.11	62.60	60.02	60.24	62.29	61.11	23.5	23.5	31	32.5	27.5	25	27.2	35	22.9	76	76	50	44	68	72	64.3	0.5
2	61.89	62.02	63.60	60.78	60.58	62.43	61.88	24.1	22	29.6	31	27	26.1	26.6	32.3	21.7	75	87	59	56	75	82	72.3	------
3	61.26	61.91	63.09	60.10	60.79	62.50	61.61	23.6	22.5	31.5	35.5	29.5	26.5	28.2	36.4	22.1	76	78	48	39	64	79	64	------
4	62.10	62.70	63.76	61.23	61.49	62.75	62.34	23.6	21.5	31	34.2	28	26.9	27.5	36.8	21.2	84	86	49	45	76	77	69.5	------
5	62.18	62.85	63.29	60.46	60.40	62.29	61.91	24	22.5	31.6	31.6	27.5	25.7	27.2	36.3	22	87	87	54	62	76	78	74	------
6	61.50	62.06	62.37	59.27	60.18	61.75	61.19	22	20	31.5	35.6	28	26.5	27.3	36.8	19.6	79	86	54	41	74	84	69.7	------
7	61.18	61.42	62.60	60.02	59.85	62.05	61.19	23.5	21	31	32.3	28	27	27.1	34.2	20.5	83	85	52	50	68	70	68	------
8	61.90	62.01	63.43	61.14	61.13	63	62.10	23.8	22	29.5	30.5	27.5	25.9	26.5	31.5	21.5	83	89	64	63	76	84	76.5	------
9	61.90	62	62.83	59.84	61.06	63.34	61.83	24.4	24	32.3	36	28.5	26.3	28.6	37.3	23.6	79	74	48	37	70	82	65	------
10	62.44	62.76	63.77	61.23	61.22	63.08	62.42	23.7	21.5	31.4	30	27.8	27.1	26.9	32.8	21.1	83	84	52	65	71	76	71.8	------
11	61.78	62.04	62.88	59.62	59.40	60.98	61.12	25.7	23.5	32	30.6	27.5	26.8	27.7	34.8	23	77	85	53	61	76	81	72.2	------
12	59.92	60.27	61.24	57.76	57.79	59.70	59.45	23.3	21.1	32	36	28.5	27	28	37	20.7	87	89	51	42	73	78	70	------
13	59.45	60.35	61.67	59.08	59.37	60.94	60.14	26.8	26	29.5	31.5	27.5	26.5	28	32.8	25.6	78	82	64	53	76	80	72.2	------
14	60.19	60.89	61.82	59.55	60.27	61.93	60.78	25.8	23.5	30	30.5	27.4	26.5	27.3	31.9	23	81	89	65	63	77	80	75.8	------
15	61.21	61.60	62.72	59.81	60.24	62.21	61.30	24.8	24	31.5	35	29.5	25	28.3	36.3	23.6	79	74	50	42	60	68	62.2	------
16	61.32	61.20	62.38	59.52	59.34	61.67	60.90	23.8	23	32	32	27.9	26.1	27.5	35.8	22.5	73	74	46	54	71	82	66.7	34.3
17	60.86	61.29	62.52	60.05	59.95	61.54	61.04	23.8	23	28.8	29.8	26.5	26.3	26.4	30.9	22.7	92	94	72	65	80	81	80.7	------
18	61	61.88	62.60	60.28	61.19	62.75	61.53	25.8	23.8	31	30	26.5	26.1	27.2	35.4	23.5	79	89	62	67	76	79	75.3	------
19	61.93	62.56	64.02	61.69	62.05	63.36	62.60	24.6	22.5	28.7	28.5	26	25.2	25.9	30.3	22.5	81	90	65	68	76	76	76	------
20	62.11	62.21	62.88	59.93	60.12	61.91	61.53	24.4	22	30.5	31.5	27	24.6	26.7	33.3	21.9	78	90	60	57	76	87	74.7	.3
21	60.76	60.64	61.85	59.09	59.52	61.10	60.49	23	21.8	31	32	27	26.5	26.9	34.8	21.5	88	88	58	54	79	78	74.2	------
22	59.81	59.80	61.09	58.82	59.48	61.09	60.02	25.6	23.4	32.6	33.9	28	27	28.4	35.8	23	79	85	54	50	74	80	70.3	------
23	60.14	60.61	62.03	59.41	59.80	62.10	60.68	25.9	23.8	32	31.5	28	27.2	28.1	34	23.5	78	81	54	57	77	81	71.3	------
24	60.94	61.75	62.87	59.99	60.69	61.90	61.36	26	24	32	32	28	27	28.2	35.9	23.5	84	86	53	57	77	80	72.8	------
25	61.08	61.15	62.32	59.77	59.40	60.73	60.74	26.9	24.5	29.6	29.5	26.9	26.5	27.3	30.8	24.4	77	88	63	67	80	83	76.3	------
26	59.29	60.18	61.45	59.02	59.33	61.54	60.14	25.7	24	30.9	28	27.4	25.8	27	34.3	23.6	86	91	63	79	77	87	80.5	------
27	60.39	60.51	61.50	58.72	59.33	61.40	60.31	23.5	22.9	31.5	35	28.5	25.8	27.9	36.8	22.5	90	91	53	42	68	70	69	------
28	60.48	60.81	62.08	59.28	59.46	61.73	60.64	24.8	24	32.5	34.4	30.5	26.8	28.8	36.2	23.5	72	75	48	43	55	66	59.8	------
29	60.61	60.42	62.66	60.05	60.23	61.67	60.94	23.8	22.5	32.4	33.8	28	27	27.9	35.5	22.5	81	87	53	48	78	80	71.2	------
30	60.63	61.10	61.98	59.20	60.03	61.75	60.78	24.9	24	32.9	35.5	28.5	27	28.8	37.8	23.6	86	87	51	41	75	83	70.5	------
31	60.28	60.47	61.29	58.72	59.12	60.99	60.14	24.8	23	33	35.1	29.5	27.5	28.8	37.8	22.9	81	89	52	53	73	84	72	------
Mean	61	61.36	62.49	59.79	60.10	61.89	61.10	24.5	22.9	31.2	32.4	27.9	26.4	27.6	34.8	22.6	81	85	55.5	53.7	73.3	79	71.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	35.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	S	S	SSE	NNW	NNW	SE	81.9	80.7	63.9	41.3	267.8	10	A.-Cu. ESE	S.-Cu.	6	A.-Cu.	Fr.-N. SE
2	SE	SEbyS	S	NNW	NW	NW	33	47.2	110	53.4	243.6	4	Ci.	S.-Cu.	2	-----	Cu.
3	S	SE	SSE	SE	NE	NNW	67	98.2	96.9	54.2	316.3	2	Ci.	Cu.	3	-----	Cu.
4	SW	S	SSE	NNW	NNW	NW	33.3	71.1	72.7	71	248.1	9	Ci.-S.	Cu.	8	A.-Cu. SE	S.-Cu.
5	SW	SW	SSE	NNW	NW	NW	30.9	55.8	98.4	51.3	236.4	2	Ci.	Cu.	2	Ci.	Cu.
6	S	S	SSE	S	N	NNW	35.1	82.4	91.7	47.5	256.7	0	-----	S.-Cu.	3	-----	Cu. SE
7	S	S	SSE	NW	NNW	NW	34.6	56.6	101.4	68.2	260.8	0	Ci.	-----	1	-----	Cu.
8	W	WNW	WNW	NW	NNW	NW	23.6	37	117	65.8	243.4	0	Ci.	S.-Cu.	0	-----	Cu.
9	SSE	SSE	SSE	ESE	NNW	NW	93.5	104.6	89.1	30.4	317.6	0	-----	Cu.	0	-----	Cu.
10	NW	SE	SE	NNW	NW	NW	26.6	51.8	124.1	116.4	318.9	0	-----	S.-Cu.	1	-----	Cu.
11	NE	NEbyE	SE	NNW	NW	NW	53.6	45.6	112.7	56.3	268.2	0	-----	Cu.	1	-----	Cu.
12	SW	SW	SSE	SE	NNW	NNW	33.2	70.8	86.9	83.1	274	0	Ci.	-----	2	-----	Cu.
13	NW	NW	NW	NNW	NNW	NW	57.3	51.8	113.5	95.6	318.2	5	Ci.	S.-Cu. WSW	3	Ci.	Cu.
14	NNW	NNW	NNW	NNW	NNW	NW	43.3	53.4	103.6	60.2	260.5	6	Ci.	S.-Cu. NNW	9	Ci.-S.	Cu.
15	NW	S	SSE	ENE	E	S	47.3	83.4	78.9	58.7	268.3	6	Ci.	S.-Cu.	2	-----	Cu.
16	S	S	SSE	NW	NW	NW	71.6	78.1	92.5	38.9	281.1	0	Ci.	-----	4	Ci.	Cu.
17	NE	SW	NW	NW	NW	NW	30.8	40	134.6	136.8	342.2	4	-----	S.-Cu.	1	-----	Cu.
18	NW	NE	SSE	NNW	NNW	NW	69.4	39.6	116.4	54.5	279.9	5	-----	Fr.-N.	3	Ci.	Cu.
19	NW	NNW	NNW	NNW	NW	NW	21.4	59.5	124.9	105.2	311	2	Ci.	S.-Cu.	1	Ci.	Cu.
20	NW	NW	SSE	NNW	NNW	S	40.8	35.1	96	62.8	234.7	2	Ci.	Cu.	2	-----	Cu.
21	Calm	SSE	SSE	NNW	NNW	NW	30	62.8	98	63.3	254.1	1	-----	Cu.	5	-----	Cu.
22	NE	SE	SSE	SSE	NNW	N	36	74.8	100.6	46.7	258.1	1	Ci.	S.-Cu.	8	-----	S.-Cu. SE
23	N	ESE	SSE	NNW	NW	N	29.2	56.3	113.2	87.1	285.8	2	Ci.	-----	2	Ci.	Cu.
24	N	SE	SSE	NNW	NW	NW	42.4	63.9	112	118.9	337.2	2	Ci.	Cu.	2	-----	Cu.
25	NW	NW	NW	NNW	NNW	NW	68.1	64.6	144	114.6	391.3	1	-----	Fr.-Cu. NW	1	-----	Cu.
26	N	N	S	NW	NW	S	40.4	39.9	109.2	64.2	253.7	5	-----	S.-Cu. SSE	8	Ci.-S. W	Fr.-N.
27	S	SSE	S	SSE	NNW	SSE	33.5	86.7	92.3	54.7	267.2	2	Ci.	Cu.	7	A.-Cu.	Cu.
28	SSE	SSE	SSE	SSE	SE	SE	97.2	115.3	115.9	51	379.4	8	Ci.	Cu.	6	A.-Cu. SE	Cu.
29	SE	SE	SSE	NW	NNW	NNW	39.7	52.3	96	121.5	309.5	5	Ci.	Cu.	1	Ci.	Cu.
80	NE	SE	SSE	SSE	NNW	Calm	40.2	72.4	95.8	50.7	259.1	8	Ci.	-----	5	Ci.	Cu. SSE
31	SE	Calm	SSE	NNE	NNW	NW	35.1	75.1	90.9	93.9	295	6	Ci.	S.-Cu.	7	Ci.	Cu.
Mean	-----	-----	-----	-----	-----	-----	45.8	64.7	103	71.6	285.1	3.2	-----	-----	3.4	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	8,838.1	-----	-----	-----	-----	-----	-----

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, −1.67 mm.]

APRIL, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*
1	59.72	60	60.61	57.75	57.68	59.37	59.19	26.4	24.5	32.3	34	28.5	27.5	28.9	34.9	24
2	58.56	59.05	59.57	57.17	57.56	59.64	58.59	26.4	25.5	33.6	36	31.5	28	30.2	38.8	24.9
3	58.75	59.33	60.36	58.13	58.46	60.34	59.23	26.9	24.6	33.5	34.9	30	28.5	29.7	37.5	24.4
4	59.34	59.73	60.51	57.98	58.91	60.74	59.54	27.9	26	32.5	34.3	30.5	28.2	29.9	36.7	25.6
5	60.17	60.43	61.31	58.57	59.67	60.93	60.18	27.6	27.5	30.6	34	29	28	29.4	35.7	27.2
6	60.30	60.98	61.76	58.76	59.14	60.96	60.32	26.3	26	33	37.5	29.5	28.4	30.1	38.8	25.6
7	60.63	61.20	61.99	60.46	60.78	61.60	61.11	27.5	25	30.6	31	28.5	27.5	28.4	33.3	24.9
8	60.23	60.78	61.73	58.36	59.18	61.35	60.27	23.9	23	32.8	37	28.8	27	28.8	38.8	22.6
9	60.29	61.24	62.18	59.24	60.13	61.48	60.76	25.2	24	34.4	36	29.5	26.9	29.3	38.7	24
10	60.53	61.46	61.83	58.71	58.91	60.88	60.39	24.8	23.4	33.6	32	29.6	27.5	28.5	36.8	22.8
11	59.98	59.73	60.48	57.27	58.44	60.77	59.44	25.9	25.5	33.6	37.9	29	28.1	30	39.7	25
12	60.22	60.21	61.14	58.03	58.98	61.38	59.99	25.8	24.6	33.6	38.5	30	27.6	30	39.9	24.4
13	60.87	61.01	61.92	59.29	59.74	61.87	60.78	25.6	24.5	34.1	32.5	30	27.9	29.1	39.3	24
14	60.38	60.19	61.53	58.69	58.84	60.78	60.07	25.8	25	34.4	36.5	29.5	28	29.9	38.2	25
15	59.60	59.84	60.42	57.54	57.87	59.47	59.12	25.4	24.2	33	36	31	28.6	29.7	38.1	24
16	58.72	59.43	60.19	57.46	57.19	59.19	58.70	26.7	25.1	33.2	32	29.5	28.5	29.2	35.8	25
17	58.13	58.35	58.47	55.82	55.96	58.22	57.49	26.4	24	33.5	37.5	31	29	30.2	38.2	25
18	57.22	58.40	58.97	56.69	57.19	59	57.91	27.5	24.5	32.6	35.6	29	28.6	29.6	37.2	23.8
19	58.75	59.38	59.92	57.75	58.92	60.49	59.20	24.9	24	33.2	36.6	28.5	28	29.2	38.1	24.3
20	59.98	60.42	60.56	58.31	59.04	60.49	59.80	24.9	23.6	33.5	32	30	27.5	28.6	38.8	23.9
21	59.72	60.33	60.63	58.04	58.39	60.67	59.63	26.3	25	34	35.1	30.5	27.1	29.7	38.2	23.1
22	59.56	60.16	60.61	57.88	58.58	60.53	59.55	25.5	23.9	33.5	37	30.8	27.7	29.7	38.3	24
23	59.43	59.84	61.12	58.43	59.40	61.14	59.89	25.5	24.5	34	37.1	30.5	27.5	29.8	38.1	23.2
24	60.28	60.82	61.08	58.70	58.92	60.80	60.10	25.8	24.1	34	32.9	30	26.5	28.9	36.3	23.8
25	60.13	60.24	60.48	57.51	58.16	59.88	59.40	25.1	25.1	33.1	36	30	26.8	29.4	37.8	23.7
26	59.23	59.46	60.26	57.24	57.68	59.23	58.85	24.8	23.6	31.6	37.5	30.2	28	29.3	38.9	24.2
27	58.38	58.89	59.57	56.53	57.15	59.78	58.38	26.8	27	34.4	38.5	30.6	25.5	30.5	39.2	23.1
28	58.73	58.86	59.88	57.27	57.72	59.51	58.66	24.8	23.7	34.5	36.5	30	29	29.8	38.4	25.5
29	58.50	58.80	59.07	56.63	56.98	58.82	58.13	26.7	24.5	34.5	35	29.5	28.8	29.8	39.2	23.2
30	58.07	58.40	58.72	56.30	57.17	58.80	57.91	27.9	26	34.4	33.5	31	24.5	29.6	38.9	24.1
Mean	59.48	59.90	60.56	57.88	58.42	60.27	59.42	26	24.7	33.3	35.4	29.9	27.7	29.5	37.9	24.2
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Day.	Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	P. ct.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	82	91	59	56	75	81	74	------
2	81	83	55	45	62	82	68	2.5
3	87	94	56	52	76	84	74.8	------
4	84	91	62	58	74	83	75.3	------
5	85	87	73	60	77	82	77.3	------
6	90	89	58	41	77	79	72.3	------
7	81	91	70	68	73	77	76.7	------
8	86	87	47	39	71	78	68	------
9	77	78	41	46	70	75	64.5	------
10	76	80	44	61	74	84	69.8	------
11	81	75	42	31	74	79	63.7	------
12	84	84	45	31	71	83	66.3	------
13	79	79	44	63	70	84	69.8	------
14	81	75	46	42	70	77	65.2	------
15	76	78	49	42	61	71	62.8	------
16	76	78	53	60	68	74	68.2	------
17	79	82	47	38	63	70	63.2	50.8
18	80	95	59	49	76	75	72.3	2.5
19	89	92	50	41	77	74	70.5	------
20	86	85	50	60	70	69	70	------
21	73	77	46	48	66	65	62.5	------
22	69	79	43	39	54	62	57.7	------
23	68	71	39	35	62	63	56.3	------
24	65	70	33	55	65	66	59	------
25	70	70	41	33	62	68	57.3	------
26	72	79	54	40	70	66	63.5	------
27	70	68	43	31	61	83	59.3	1.3
28	79	81	43	40	67	75	64.2	------
29	80	82	45	52	78	82	69.8	------
30	86	87	52	61	72	99	76.2	50.3
Mean	79.1	81.9	49.6	47.2	69.5	76.3	67.3	------
Total	-----	-----	-----	-----	-----	-----	-----	107.4

Day.	Wind.										
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.	
							Km.	*Km.*	*Km.*	*Km.*	*Km.*
1	Calm	ENE	SSE	NW	NNW	N	25.5	46.2	110.4	64.9	247
2	N	W	SE	SE	NW	NNW	18.2	83.4	78.7	79.9	260.2
3	Calm	S	SE	NW	NW	NW	28.2	62.6	101.6	82.1	274.5
4	NW	NW	SSE	NW	NW	NNW	33.3	44.3	93	89.9	260.5
5	NW	NW	N	NW	NW	NW	45.9	39.6	122.3	71.4	279.2
6	NW	NW	SSE	SSE	NNW	NW	15.3	61.4	96.3	93.8	266.8
7	NW	WNW	NNW	NNW	NNW	N	39.9	54.9	152.6	91.9	339.3
8	S	E	ESE	SSE	NNW	N	48.1	55.7	99.5	41.5	244.8
9	SE	SE	SE	NNW	NNW	S	56.3	90.1	106.2	63.6	316.2
10	S	SSE	SE	NWbyN	NW	WSW	48	70.5	88.5	51.5	258.5
11	SSE	SSE	SSE	SSE	N	NW	94.3	109.4	98.7	70.8	373.2
12	NW	S	SSE	SSE	NW	WSW	28.8	100	102.5	44	275.3
13	SSE	SEbyS	ESE	NNW	NNW	W	41	76.4	103	50.4	270.8
14	S	S	SSE	NW	NNW	W	76.2	91.9	96.1	63.8	328
15	SSE	SSE	SSE	NW	NW	NW	58.2	85.5	82.6	67.4	293.7
16	Calm	S	SSE	NNW	NNW	NW	30.3	47.7	100.1	60.6	238.7
17	SE	S	SSE	SE	NNW	NNW	31.6	78.3	87.1	75.4	272.4
18	N	NW	SSE	NW	NNW	NW	26.9	56.8	103	78.7	265.4
19	SW	S	SSE	S	WNW	NW	30.6	91.1	90.6	53.9	266.2
20	SW	SE	ESE	NNW	WNW	SSE	32.7	81.8	86.3	70.6	271.4
21	SSE	SSE	S	S	N	S	52.1	78.4	87.5	46.7	264.7
22	S	SE	SSE	S	SE	SSE	50.1	97.1	115.6	98.8	361.6
23	S	SbyE	SE	S	E	S	53.9	107	100	89.9	350.8
24	S	S	SSE	NNW	NNW	SW	96.1	91.5	93.1	40.7	321.4
25	S	SbyE	SSE	SSE	NbyW	S	67.9	112.7	105.6	36.8	323
26	S	S	S	SSE	NNW	SW	60.4	83.7	97.2	34.9	276.2
27	S	SSE	SSE	S	NW	SW	80.3	107.8	100.9	63.3	352.3
28	S	S	S	WNW	NNW	NW	31.1	67.9	93.3	79.4	271.7
29	SE	SSE	SSE	NW	NNW	NW	50.4	81.9	116.9	89.8	339
30	Calm	SSE	SSE	NW	NW	W	27.2	81.1	94.1	62.2	264.6
Mean	------	------	------	------	------	------	46	77.9	100.1	67	290.9
Total	------	------	------	------	------	------	-----	-----	-----	-----	8,727.4

Day.	Clouds.					
	6 a. m.			2 p. m.		
	Amount.	Form and direction.		Amount.	Form and direction.	
		Upper.	Lower.		Upper.	Lower.
	0–10			*0–10*		
1	7	A.-Cu. S	S.-Cu.	2	Ci.	Cu.
2	10	------------	S.-Cu.SSW	9	------------	S.-Cu. SSE
3	3	A.-Cu.	------------	2	Ci.	Cu.
4	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
5	9	------------	Fr.-N.	3	Ci.	Cu.
6	8	------------	S.-Cu.SSW	1	Ci.	Cu.
7	5	Ci.	S.-cf. NNW	2	Ci.	Cu.
8	0	------------	Cu.	4	------------	Cu.
9	0	------------	------------	3	Ci.	Cu.
10	0	------------	Cu.	6	Ci.	Cu. SSE
11	0	------------	------------	0	Ci.	Cu.
12	1	Ci.	------------	1	Ci.	Cu.
13	1	Ci.	------------	1	------------	Cu.
14	0	------------	------------	1	Ci.	Cu.
15	0	Ci.	Cu.	2	------------	Cu.
16	9	------------	S.-Cu. SSE	8	Ci.-S. WSW	Cu.
17	3	A.-Cu.	S.-Cu.	2	Ci.	Cu. S
18	4	Ci.	S.-Cu.	3	Ci.	Cu.
19	1	A.-Cu.	S.-Cu.	4	------------	Cu.-N.
20	0	Ci.	Cu.	7	------------	Fr.-N. E
21	0	------------	Cu.	8	------------	Fr.-N.ESE
22	1	Ci.-Cu.	S.-Cu.	4	A.-Cu. NE	Cu.
23	0	------------	S.-Cu.	1	Ci.	Cu.
24	0	------------	------------	1	Ci.	Cu.
25	0	------------	Cu.	2	------------	Cu.
26	0	Ci.	Cu.	7	A.-Cu.	Fr.-N.EbyN
27	6	Ci.	S.-Cu. ENE	3	Ci.	Cu.
28	3	Ci.	------------	4	Ci.	Cu.
29	0	Ci.	------------	6	Ci.-Cu.	Cu.
30	0	Ci.	Cu.	7	Ci.-S. WSW	Cu.-N.
Mean	2.7	------------	------------	3.8	------------	------------
Total	----	------------	------------	----	------------	------------

DAGUPAN.

[φ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

MAY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.20	58.09	58.94	56.66	56.44	58.33	57.78	24.5	24.4	33	32.6	29.6	29	28.8	35.3	24.2	98	96	60	61	77	78	78.3	14
2	57.27	57.78	58.19	56.02	56.53	58.34	57.36	27.8	25	32	32.5	29.5	29	29.3	34.8	24.5	88	95	63	67	75	77	77.5	------
3	57.06	57.34	57.93	55.54	56.29	58.73	57.15	27.8	25.4	33.5	33.5	31	28.6	30	35.9	24.5	80	88	52	44	59	77	66.7	------
4	57.17	56.65	57.22	55.19	55.46	57.57	56.54	27.7	25.4	32.1	33	31	29	29.7	35.3	25	81	90	58	57	62	74	70.3	6.9
5	56.30	57.01	57.53	56.03	56.65	58.34	56.98	28.1	25.3	31	29.4	29.4	26.6	28.3	32.7	24.4	79	92	68	72	72	86	78.2	------
6	56.96	57.36	58.17	56.10	57.27	58.86	57.45	25.3	25.3	34.5	34.9	28.5	24.1	28.8	38.4	23.6	88	88	54	49	77	95	75.2	14.7
7	56.96	57.43	58	56.17	56.54	57.78	57.15	24.7	24.6	33	32.7	29.2	26.5	28.4	35.3	23.8	92	94	60	62	66	79	75.5	------
8	56.86	57.52	57.84	55.96	56.25	57.73	56.94	25.8	25.4	33	35	31.5	26.6	29.6	36.8	24.9	80	79	52	42	48	70	61.8	------
9	56.88	57.64	58.13	56.01	55.98	57.78	57.07	25.3	24.8	33.5	34.8	30.5	28	29.5	37.4	24.5	77	79	52	47	68	80	67.2	------
10	57.18	57.41	57.76	55.43	55.63	57.35	56.79	25.6	24.8	33.5	36	30.6	29	29.9	37.8	24	84	79	48	42	72	77	67	------
11	56.67	57.38	58.08	55.94	55.97	58.46	57.08	28.2	27	32	34.1	30.2	29.3	30.1	35.2	26.4	80	85	61	53	73	76	71.3	------
12	57.15	57.58	58.61	56.13	56.19	58.41	57.34	28.3	26.5	31.3	33	30.1	29.4	29.8	33.8	26.1	82	91	66	60	71	78	74.7	------
13	57.87	57.75	58.41	55.67	55.62	57.83	57.19	28.5	26.5	32.2	35	31	29.3	30.4	35.8	26	81	88	61	46	72	78	71	------
14	56.80	56.98	57.66	55.06	56.34	58.21	56.84	27.9	26	34	35.5	32	29	30.7	36.5	25.6	85	91	53	52	60	78	69.8	1.3
15	57.31	57.28	58.14	56.64	56.40	58.02	57.30	25.7	25.3	30	30.5	29.5	28.2	28.2	32.1	24.9	91	93	71	72	75	80	80.3	------
16	56.58	57.20	57.56	55.87	56.03	58.10	56.89	27.4	25.5	31.6	33.5	29.8	28.5	29.4	34.3	25.5	81	88	65	58	75	84	75.2	------
17	57.54	57.11	57.96	55.97	57.05	58.60	57.37	25.9	24.9	33.1	27.5	28.5	26.1	27.7	36.9	24.6	92	92	59	87	80	87	82.8	.6
18	57.58	57.97	58.76	57.69	59.09	60.04	58.52	25.2	25.2	32	25.6	26	24.7	26.4	36.3	24.4	93	90	64	91	91	93	87	39.3
19	58.47	58.85	59.33	58.35	58.21	59.55	58.79	24.9	25	31.4	26	26.5	25	26.5	34.4	24.4	93	95	72	94	91	95	90	22.1
20	58.05	58.08	58.34	56.96	57.52	57.56	57.75	24.2	24.5	30.5	27	27	25.3	26.4	33.5	24	98	95	74	91	88	95	90.2	17.5
21	56.54	56.76	57.73	55.63	56.67	58.02	56.89	25	24.3	30.5	30.5	25.9	25.1	26.9	35.4	24	92	93	74	75	92	95	86.8	15
22	56.22	56.57	57.28	55.36	55.82	58.14	56.56	24.7	24.4	30.5	32	30.5	26.5	28.1	34.9	24	96	96	77	66	75	91	83.5	.5
23	56.35	57.12	57.12	55.31	55.73	58.30	56.66	25.4	25.4	31	29.5	28.1	27.2	27.8	34.8	25	96	92	71	78	77	81	82.5	6.4
24	57.10	57.22	58.04	55.70	57.16	58.39	57.27	25.8	25	31	35.6	27	25.5	28.3	36.9	24.4	88	91	72	56	87	95	81.5	9.2
25	57.97	57.71	58.44	56.56	57.80	59.95	58.07	25	25.4	31.5	34.3	25.9	25.1	27.9	36.5	24.5	95	92	68	56	89	94	82.3	13
26	58.70	58.50	58.53	56.62	57.40	59.33	58.18	25	25	32	29	26.4	25.5	27.2	35	24.5	95	95	66	80	88	93	86.2	16.5
27	57.80	57.45	58.53	56.92	57.63	59.03	57.89	24.9	24.9	31.8	33	30.8	28.5	29	34.9	24	94	92	67	62	64	78	76.2	------
28	57.85	58.55	59.07	57.75	58.15	58.95	58.39	25.7	24.8	32.4	33.5	28	28.2	28.8	34.9	24.3	88	91	62	58	77	80	76	.5
29	58.23	58.35	58.84	56.91	57.04	58.31	57.95	28.4	27	31.4	33.5	30.5	28.6	29.9	34.4	26.6	85	91	66	57	71	80	75	------
30	57.60	57.46	57.73	55.90	55.41	56.87	56.83	27.5	25.4	82.8	33	30.4	28.5	29.6	33.8	25	82	88	61	62	69	78	73.3	------
31	56.09	56.61	57.17	55.17	54.69	56.20	55.99	27.8	26	31.9	32.9	30.5	28.6	29.6	33.8	25.3	80	87	66	62	72	80	74.5	------
Mean	57.25	57.51	58.10	56.17	56.61	58.29	57.32	26.3	25.3	32.1	32.2	29.2	27.4	28.7	35.3	24.7	87.5	90.2	63.3	63.2	74.6	83.3	77	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	177.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	S	NW	NNW	NW	29.2	42.8	95	96	263	0	Ci.	S.-Cu.	1	Ci.	Cu.
2	NW	Calm	E	NW	NW	NW	39.1	83.2	109.6	95.8	277.7	1	Ci.	Cu.	2	Ci.	Cu.
3	NW	SE	SE	NW	NW	NW	-----	39.9	88.8	94.4	-----	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.
4	NW	WNW	SE	NW	NW	NW	28.2	39.9	94.6	96.1	258.8	6	Ci.-Cu.	S.-Cu.	5	Ci.-S.	Cu.
5	NNW	Calm	NW	NW	WNW	S	49.7	34.3	95.5	40.2	219.7	5	Ci.	Cu.	10	Ci.-S.	Fr.-N.
6	SSE	SSE	SSE	WSW	NW	S	46.2	84.5	78.4	60.2	269.3	1	Ci.	Cu.	9	A.-Cu.	Fr.-N. SSE
7	NE	Calm	SE	NNW	NNE	S	26.8	56.5	79.2	33.5	196	9	A.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
8	S	S	SSE	SE	SSE	SSE	82.9	94.1	83.5	47	307.5	10	Ci.-S.	-----	9	Ci.-S.	Cu.
9	S	SSE	SSE	SbyE	NW	W	63.9	85	76.2	44.3	269.4	10	A.-S.	Cu.	9	Ci.-S.	Cu.
10	S	S	SSE	NNW	NNW	NW	39.1	72.2	88.3	79.7	279.3	1	Ci.	Cu.	3	Ci.-S.	Cu.
11	Calm	ESE	N	NNW	NW	NW	24.7	47.5	104.6	95.8	272.6	9	-----	N.	2	Ci.	Cu.
12	NW	Calm	NW	NNW	NNW	NW	37.2	46.4	105.6	90.9	280.1	2	Ci.	Cu.	1	Ci.	Cu.
13	Calm	Calm	NNW	NNW	NW	NW	22.3	41.2	105.6	85.8	254.9	7	A.-Cu.	Cu.	1	Ci.	Cu.
14	NW	SW	SE	NW	W	Calm	23.6	49.3	101.1	34.6	208.6	7	Ci.-S.	Cu.	3	Ci.	Cu.
15	N	NW	SW	NW	NW	NW	76.2	26.9	69	60.4	232.5	10	-----	Fr.-N.	10	Ci.-S.	Cu.-N.
16	NW	WSW	SW	NW	NW	NW	38	37.6	86.9	53.1	215.6	9	A.-Cu. W	Cu.	7	Ci.	N.
17	SW	S	SE	W	E	SE	32	82.1	63.3	52.8	230.2	8	Ci.	Cu.	10	Ci. -S.	N.
18	SSE	SE	SSE	SW	SSE	SE	47	93	74.2	45.7	259.9	7	Ci.	Cu.	10	-----	N.
19	S	S	SE	W	E	SE	41.2	54.1	45.6	36	176.9	9	A.-Cu. SW	S.-cf.	10	-----	N.
20	SE	EbyS	SE	Calm	S	S	33.5	51.7	43	27.7	155.9	9	-----	S.-Cu. N	10	Ci.-S.	N.
21	S	ESE	SSE	SSE	E	SE	53.7	63.1	47.8	33.8	198.4	3	Ci.-S.	Cu.-N.	10	A.-Cu.	N. SW
22	Calm	SE	SE	SSE	S	S	26.6	50.1	52.8	44.9	174.4	10	A.-S.	S.-Cu.	9	Ci.	N. WSW
23	S	SE	SE	W	SW	SE	42	83.1	83.5	47	255.6	9	A.-Cu. E	S.-Cu.	10	-----	N.
24	SE	SSE	SSE	SSE	N	E	45.4	72.7	59.8	50.7	228.6	10	Ci.-S.	Cu.	7	Ci.-S. NE	Cu.-N.
25	SE	SE	SE	SEbyS	NE	E	47.8	96	88.3	36.5	268.6	2	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.-N.
26	SE	SE	SE	SW	NE	NE	53.3	86.6	74.6	20.3	234.8	6	Ci.-Cu.	Cu.	10	-----	N.
27	NE	SE	SE	NNW	W	WbyN	41	65	76.4	49.9	232.3	7	Ci.-S.	Cu.	5	Ci.	Cu.-N.
28	W	SW	SE	NW	N	N	28.8	47.5	92.2	49.9	218.4	10	Ci.-S.	Cu.	8	Ci.-S.	Cu.
29	NW	W	NW	NNW	N	NW	54.4	38	93.3	83.5	269.2	6	Ci.-Cu. WbyS	S.-Cu.	2	Ci.	Cu.
30	NW	S	E	NNW	NW	W	26	50.2	84.3	80.2	240.7	6	Ci.	Cu.	9	Ci.-S.	Cu.
31	NW	W	NW	NNW	NW	NW	41.6	40.7	83.9	94.6	260.8	9	Ci.-S.	Cu.	6	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	41.4	58.2	81.4	60	240.3	6.6	-----	-----	6.9	-----	-----

DAGUPAN.

[φ=16° 03′ N; λ=120° 20′ E: barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

JUNE, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	° *C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.15	56.93	57.72	56.51	56.58	58.38	57.04	27.7	26.5	30.6	33	31	29.4	29.7	34.2	25.7	87	91	73	63	71	72	76.2	------
2	58.40	58.49	59.12	57.97	57.59	59.57	58.52	28.8	28.5	34.4	31.6	29.8	29.5	30.4	37.4	25.5	77	80	60	72	77	79	74.2	------
3	58.95	59.29	59.04	57.04	57.76	59.60	58.61	25.6	25.4	33	34.9	30.8	26.3	29.3	37.5	24.5	90	87	59	54	73	94	76.2	------
4	58.50	58.54	58.97	56.25	56.82	57.73	57.80	25.6	25	33	35	30.5	27	29.4	36.7	24	92	88	58	53	73	76	73.3	------
5	57.24	57.40	58.36	56.31	56.42	58.25	57.33	25.4	25.4	32.5	36.5	31.5	26	29.6	37.5	24.5	87	87	63	50	70	94	75.2	8.1
6	57.75	58.38	58.59	56.68	57.40	59.32	58.02	26	25.4	33	36	31.5	27	29.8	37.7	24.7	92	93	60	49	72	88	75.7	------
7	59.05	58.60	58.83	56.61	57.15	58.49	58.12	25.3	24.2	33.5	36.6	27	26.5	28.8	37.5	23.5	89	89	55	44	88	91	76	2
8	57.70	58.05	58.14	55.36	55.78	57.53	57.09	25	24.5	33.5	34	30.4	26.5	29	36.4	24.1	97	95	55	53	57	76	72.2	------
9	56.45	56.34	56.96	54.78	55.35	56.85	56.12	26	25.4	32.7	35	29	27.1	29.2	37.4	24.6	80	85	58	54	70	80	71.2	------
10	56	56.58	57.10	55.30	56.82	57.45	56.54	25.8	24.1	31.5	32.5	25	24.6	27.2	36.3	23.9	81	91	64	60	84	94	79	15.7
11	56.66	57.10	57.28	55.45	55.60	58.43	56.75	23.9	24	32.7	34.5	31	26.6	28.8	36.5	23	93	89	65	55	64	86	75.3	------
12	57.31	56.86	57.70	55.72	56.85	58.95	57.23	24.9	25	32	36	26.5	26.4	28.5	37.1	24	94	91	69	56	86	86	80.3	------
13	57.31	57.89	57.70	55.94	56.26	58.48	57.18	25.3	25	33.2	35.5	31	25.6	29.3	36.7	24.5	93	91	65	55	78	93	79.2	1.3
14	57.31	57.47	57.53	55.78	55.70	57.86	56.94	24.7	25.2	32.5	36	30	25.9	29	37.3	24.4	93	91	60	52	71	88	75.8	27.9
15	57.10	57.19	57.61	56.23	57.52	58.43	57.35	25	25.4	33	35	29	27.8	29.2	36.8	24.5	93	91	63	54	81	85	77.8	------
16	57.66	57.95	58.41	57.45	58.06	59.43	58.16	26.4	25.9	33.9	34.5	32	28.4	30.2	37.1	25	87	84	55	57	63	75	70.2	------
17	58.83	58.29	57.77	56.45	56.36	57.95	57.61	26.5	25.7	34.5	33.2	31	29.1	30	36.3	25.4	82	85	56	65	72	74	72.3	------
18	57.31	57.38	57.36	55.39	56.02	57.95	56.90	27.2	26.6	34.5	37.5	29.2	25.9	30.2	38.4	25	79	79	54	46	81	93	72	38.6
19	57.05	56.96	57.27	55.17	56.84	57.50	56.80	25.4	25	32.5	36	26	25.5	28.4	37.3	24.8	95	96	63	50	87	91	80.3	7.6
20	56.81	56.92	57.20	55.26	57.12	58.03	56.89	25	25	32.5	32.6	26	24.6	27.6	35.2	24.4	92	92	65	65	91	95	83.3	6.3
21	56.72	56.80	58.07	56.06	56.57	58.43	57.11	24.6	24.4	31.6	33.8	28.4	26.8	28.3	35.7	23.8	94	95	64	60	79	86	79.7	------
22	57.75	57.40	57.70	55.94	55.62	58.05	57.08	26	25.5	33	33.5	31	26.5	29.2	36.3	25	85	84	59	56	65	91	73.3	7.4
23	57.08	57.08	57.19	55.80	55.76	57.40	56.72	25.7	25.4	32.5	33.5	31.5	29.6	29.7	35.3	24.8	95	95	63	62	66	77	76.3	------
24	56.45	56.67	57.08	55.06	55.88	57.69	56.47	27.1	25.7	33	36	26.5	37.1	29.2	37.5	25	86	89	63	52	86	90	77.7	10.9
25	57.10	57.37	56.88	54.89	55.22	57.58	56.51	26.2	25.4	33	36.2	30	26.5	29.6	37.4	25	91	93	64	53	80	91	78.7	3
26	57.30	56.87	56.92	55.31	55.55	57.27	56.54	26.5	25.9	30	33	28	27.2	28.4	35.4	25.4	91	95	75	63	88	90	83.7	3.6
27	56.40	56.02	56.53	55.01	55.57	57.20	56.12	25.7	25	31.1	33	26.5	25.3	27.8	33.9	24.8	93	95	71	60	88	91	83	3.1
28	57.10	56.63	57.48	56.38	56.97	58.06	57.10	25.4	25	31	26.9	25.5	25.7	26.6	33.3	24.5	88	91	68	85	95	93	86.7	32.7
29	57.43	57.29	57.53	56.53	56.25	58.41	57.24	25.1	24.5	31	29.2	29	26.1	27.5	33.9	24	94	95	68	83	77	89	84.3	8.4
30	58.29	57.33	57.35	56.85	56.45	58.87	57.52	26	24.6	31.5	28.4	30	27	27.9	34.9	24	87	92	68	85	74	83	81.5	5.8
Mean	57.37	57.39	57.71	55.98	56.46	58.17	57.18	25.8	25.3	32.6	34	29.2	26.8	28.9	36.4	24.5	89.2	90	62.8	58.9	76.9	86.4	77.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	182.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	W	WNW	NW	NNW	NW	NW	34	41.2	85.8	98.4	259.4	9	Ci.-S.	Cu.	3	Ci.	Cu.
2	NW	Calm	SSE	NW	NW	NW	50.7	36.2	82.9	60.7	230.5	9	A.-Cu.	S.-Cu.	10	------------	N. SW
3	E	EbyS	SE	NW	NW	S	31.4	78.9	82.4	67.1	259.8	3	Ci.	------------	2	Ci.	Cu.
4	SE	SE	SE	NW	NNW	SW	26.9	53.1	88.3	47.3	215.6	8	A.-Cu.	Cu.	3	Ci.	Cu.-N.
5	SE	SE	SSE	SSE	N	W	32.4	67.3	85.5	49.7	234.9	4	Ci.-Cu. ENE	S.-Cu.	8	Ci.-S.	Cu.
6	SW	SW	SSE	SbyE	Calm	Calm	21.9	72.7	69.2	34.4	198.2	2	Ci.	Cu.	6	Ci.	Cu.
7	S	WSW	SSE	SSE	NW	NW	16.7	74.3	74	47.7	212.7	8	Ci.	Cu.	5	Ci.	Cu. SE
8	W	SSW	SSE	NWbyN	ESE	E	26.2	52.3	92	40	210.5	1	Ci.	Cu.	2	Ci.	Cu.
9	SE	SE	SE	W	NNW	W	27.9	69.5	75.1	33.6	206.1	8	Ci. NW	Cu.	8	Ci.-S.	Cu. SSE
10	SW	SW	SSE	NNW	SE	SW	20.3	46.4	81.6	35.6	183.9	6	Ci. NW	Cu.	9	Ci.-S.	Cu.-N. ESE
11	S	SSE	S	NNW	NW	SW	36.5	44.9	86.3	66	233.7	8	Ci.-S.	Cu.	3	Ci.	Cu.
12	SE	SE	SSE	SSW	NE	Calm	32.2	49.9	72.4	40.2	193.7	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
13	SSE	SE	SSE	SSE	NNW	W	47.7	82.7	85.3	57.6	273.3	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
14	S	SSE	SSE	SSE	N	SW	41.2	84	83.7	55	264.9	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.
15	S	SbyE	SSE	SSE	NE	S	40.7	70.6	78.1	35.2	224.6	3	Ci.	Cu.	7	Ci.	N. S
16	S	SE	SE	ESE	NNE	SE	58.9	65.5	73.8	36.2	234.4	7	Ci.-S.	Cu.	8	Ci.	S.-Cu. ESE
17	SSE	SE	SSE	NbyW	N	S	42.3	75.8	92.8	60.9	271.8	8	Ci.	Cu.	6	Ci.	Cu.
18	S	S	S	SSE	NW	S	82.6	95.3	88.2	47.2	313.3	6	Ci.	Cu.	3	Ci.	Cu.
19	Calm	S	SSE	SSW	SSW	SW	28.5	78.6	58.1	31.7	196.9	3	Ci.	Cu.	7	Ci.-S.	Fr.-N.
20	Calm	S	SE	NW	SE	S	24.3	41.8	70.8	47.7	184.6	7	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
21	SE	SSE	SE	SE	NE	Calm	40.8	84	61.7	31.4	217.9	10	Ci.-S.	------------	8	Ci.	Fr.-N. SE
22	SE	SE	SSE	NNW	NNW	SW	46.7	63	83.9	65.8	259.4	2	Ci.	S.-Cu.	2	Ci.	Cu.
23	S	SE	S	NNW	NNW	NW	27.9	44.6	79.1	59.3	210.9	4	Ci.	Fr.-Cu.	4	Ci.	Cu.-N.
24	SE	SSE	SSE	SSE	NW	N	44	92.3	94.4	30.4	261.1	2	Ci.	Cu.	4	Ci.-S.	Cu.-N.
25	SW	SW	SSE	SW	NNW	Calm	25.7	67	99.5	60.7	252.9	3	Ci.	Cu.	2	Ci.	Fr.-Cu. SE
26	SW	Calm	S	SbyE	N	Calm	21.4	56.6	70.6	22	170.6	6	Ci.-S.	Cu.	9	A.-Cu.	S.-Cu.
27	SSE	SSE	SSE	SE	SE	SE	44.1	106.5	127.4	110	388	10	A.-S.	Fr.-N.	8	Ci.	Cu.
28	SE	SE	SE	NE	S	E	67.4	88.7	54.7	45.4	256.2	9	Ci.-Cu.	Fr.-N. SSE	9	A.-Cu.	N. SSE
29	SE	SE	SE	Calm	SE	SE	67.1	77.7	64.9	38.4	248.1	8	A.-Cu. SW	S.-Cu. SW	10	A.-S.	Fr.-N. SE
30	Calm	SE	SE	NW	SW	SW	36.5	85.6	52.1	41	215.2	5	Ci.	S.-Cu.	10	------------	N. SE
Mean	------	------	------	------	------	------	38.2	68.2	79.8	49.9	236.1	6.2	------------	------------	6.4	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	7,083.1	----	------------	------------	----	------------	------------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, −1.67 mm.]

JULY, 1915.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.20	57.85	58.48	56.46	57.04	57.66	57.62	25.8	25	29.6	31	27	26.6	27.5	32.8	24.5	89	91	77	69	86	83	82.5	0.8
2	55.77	56.11	56.08	55.64	57.46	56	56.18	25	24.5	29.5	30.5	26	24.5	26.7	32.2	23.8	92	92	75	69	83	92	83.8	1.8
3	55.46	55.91	56.30	54.76	54.57	56.07	55.51	23.8	23.9	30	31	32.1	28.2	28.2	34.8	23.1	96	92	75	72	63	79	79.5	.3
4	55.95	56.90	57.39	56.14	56.30	58.18	56.81	26.5	26	32.7	31.6	32.5	28.5	29.6	34.3	25.5	91	91	68	68	63	85	77.7	-----
5	57.25	57.80	58.44	57.50	57.26	58.28	57.76	27.4	25.3	33.5	31.8	31.5	29.5	29.8	33.8	24.9	86	93	61	68	72	78	76.3	-----
6	57.73	58.25	58.34	57.05	56.97	58.99	57.89	26.8	25.7	32.7	33.2	30.5	27.5	29.4	34.7	25.4	90	93	60	63	78	91	79.2	4.6
7	57.94	58.16	58.57	56.41	57.18	59.18	57.91	25.4	24.3	33	36.5	27	27.3	28.9	38.2	23.9	94	92	65	52	83	90	79.3	3.6
8	58.85	59.49	59.66	57.60	57.29	60.18	58.84	26.2	25.6	33	34.8	34	28.6	30.4	36.4	25	90	92	59	52	56	73	70.3	-----
9	59.14	59.66	60.49	58.35	58.99	60.30	59.49	27.1	25.6	31.7	33	27.1	25.8	28.4	35.4	25.1	81	86	65	59	87	90	78	.8
10	59.94	60.06	60.51	58.43	58.16	59.49	59.43	25.5	25.4	32	33	31	28.1	29.2	33.9	24.6	90	91	66	64	75	87	78.8	-----
11	58.23	58.95	59.12	57.68	58.62	59.10	58.62	26.4	25.5	32.5	34.4	27	25.4	28.5	35.8	25.2	92	92	63	56	87	90	80	7.4
12	58.59	58.46	58.52	56.72	57.67	59.14	58.18	25	24.5	33.1	33.5	26	25.9	28	34.8	23.5	92	92	60	56	91	88	79.8	29.4
13	57.80	57.70	58.10	56.02	56.90	58.05	57.43	24.9	24.2	32	33	27	26.5	27.9	34	23.5	92	96	64	60	84	89	80.8	1.8
14	57.55	57.15	57.08	55.75	56.12	57.23	56.81	25.4	25.1	32.5	35.1	29	26.5	28.9	36.3	24.5	95	96	65	56	68	81	76.8	-----
15	56.90	56.98	58.26	57.50	56.77	57.94	57.39	25.6	25.4	32.5	28.8	27	25.5	27.5	33.3	24.5	86	85	61	71	76	80	76.5	-----
16	57.80	57.86	58.57	57.07	58.06	59	58.06	24.2	24	29.5	33.5	26	24.1	26.9	35.2	23.5	86	84	70	55	91	94	80	12.7
17	57.29	57.08	57.67	56.68	57.01	58.27	57.33	24	24	31.6	33.5	27.5	25	27.6	34.7	23.4	91	86	65	55	74	89	76.7	.3
18	57.11	57.08	57.30	55.57	55.62	57.18	56.64	24.1	23.5	32.5	33.5	30	26.1	28.3	34.7	23.1	94	95	58	53	68	91	76.5	-----
19	55.79	55.95	56.30	54.46	54.54	55.77	55.47	24.5	24	32.5	34	29.5	28.5	28.8	34.9	23.6	97	95	66	58	78	84	79.7	-----
20	55.43	55.95	56.15	54.57	54.93	56.62	55.61	26.1	25.5	31.1	33.5	30.5	27.5	29	34.7	25	91	92	71	60	75	88	79.5	1.3
21	55.31	56.52	57.34	55.78	56.54	58.59	56.68	25.1	24.5	31.5	34	30.5	28	28.9	35.4	24.1	97	95	65	56	74	84	78.5	-----
22	57.32	57.62	58.14	56.84	56.96	58.88	57.63	26.2	25.4	32	31.2	31.5	28.8	29.2	34.5	25	94	94	70	75	66	81	80	.3
23	57.41	57.93	58.19	56.99	56.43	57.85	57.47	27.4	27	30.5	29.5	26.6	26.5	27.9	33.2	25	87	90	71	80	89	88	84.2	11.5
24	56.70	56.32	56.25	54.30	54.60	55.77	55.66	26.1	25	30.2	30.1	25.5	25.3	27	32.3	24.5	90	95	74	73	94	93	86.5	4.8
25	54.82	54.82	55.10	53.05	53.15	55.17	54.35	24.4	24.4	30.6	32	26.1	25	27.1	32.9	24	97	96	74	63	94	92	86	22.6
26	54.47	53.71	54.18	53.26	53.06	53.97	53.78	24.2	24.2	29.5	29.8	26	25.2	26.5	31.5	23.9	97	97	73	70	90	92	86.5	1.6
27	52.80	52.68	53.07	52.02	51.81	53.07	52.58	25.4	24.5	29.8	27	28.1	25.5	26.7	32.3	24.1	90	95	75	88	83	91	87	1.8
28	52.31	51.91	52.65	51.33	50.37	52.09	51.78	25.5	25.5	29	26.5	26.5	25	26.3	29.5	24.7	93	93	80	91	89	93	89.8	34.3
29	51.25	50.32	50.31	48.57	48.72	49.51	49.78	24.6	24.5	29.9	32.8	27	25.7	27.4	34	24.4	96	96	75	68	91	96	87	4.3
30	49.02	50.14	50.83	50.57	50.64	51.67	50.48	24.8	25	27.4	25	24.6	25	25.3	29.4	24	98	93	81	92	95	92	91.8	67.9
31	51.29	51.88	52.78	52.17	52.37	54.32	52.47	24.6	24.5	25.5	26	26	25.5	25.4	26.7	24	94	96	93	94	94	94	94.2	25.9
Mean	56.17	56.36	56.78	55.33	55.55	56.89	56.18	25.4	24.9	31.1	31.7	28.3	26.5	28	33.8	24.3	91.9	92.5	69.2	66.6	80.5	87.7	81.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	239.8

Day.	Wind. Direction. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Total movement in 6 hours. 6 a. m.	Noon.	6 p. m.	Midnight.	Total movement in 24 hours.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	SSE	SSE	NE	N	47	65.8	52.6	46.5	211.9	10	A.-S.	S.-Cu.	10	A.-S.	N. SSW
2	S	SE	SE	WSW	WSW	S	46.9	79.2	47.5	63.3	236.9	10	A.-S.	Fr.-N.	10	A.-S.	N.
3	SE	S	SE	W	W	S	58.7	68.7	61	18	206.4	10	A.-Cu.	Fr.-N.	10	------------	N. SW
4	SE	S	SE	NNW	NW	NW	44.6	49.4	79.1	41.3	214.4	2	A.-Cu.	Cu.-N.	4	A.-Cu.	Cu.
5	NW	S	SE	NNW	NNW	NW	25.2	52.3	95.8	60.9	234.2	0	------------	Cu.	6	A.-Cu. swbyw	Cu.
6	Calm	Calm	Calm	NNW	NNW	Calm	18.5	28.8	99.5	43.5	190.3	2	Ci.-S.	S.-Cu.	1	Ci.	Cu.
7	Calm	S	SSE	SSW	NNW	Calm	30.6	83.4	79.2	34.6	227.8	2	Ci.	Cu.	1	Ci.	Cu.
8	NW	N	SSE	SSE	S	SE	25.4	75.8	106.8	39.9	247.9	3	A.-Cu.	Cu.	6	Ci.-Cu.	Cu.
9	Calm	SE	NW	NNW	S	SE	29.3	31.6	81.5	31.4	173.8	3	Ci.-Cu. E	Cu.	7	Ci.-S. ESE	Cu.
10	SE	Calm	W	NW	N	Calm	20.3	35.2	92.5	29.8	177.8	7	Ci.-S.	Cu.	3	Ci.-S.	Cu.
11	E	E	ESE	N	SSW	SE	30.6	36.5	65.8	35.7	168.6	2	A.-Cu.	Cu.	3	Ci.	N.
12	SE	SE	S	NNW	SE	Calm	21.5	35.1	70.8	43.5	170.9	1	Ci.	Cu.	4	Ci.-S. SE	Cu.
13	Calm	Calm	S	NNW	SW	NW	22.8	31.1	80	38.9	172,8	6	A.-Cu.	Cu.	3	Ci.	Cu.-N.
14	W	SE	SSE	SSE	SE	ESE	23.9	89.6	98.7	66.5	278.7	10	A.-Cu.	Cu.	5	Ci.-Cu.	Cu.-N.
15	E	E	SSE	SE	SE	SE	38.1	75.1	81.5	68.6	263.3	9	Ci.-S.	S.-Cu.	10	A.-S.	Fr.-N.
16	SE	SE	ESE	SSE	ENE	ESE	86.1	76.1	80.8	41	284	10	Ci.-S.	S.-Cu.	9	A.-Cu.	Cu.
17	ESE	SSE	SE	NNW	S	SE	67.1	48.9	58.5	36.2	210.7	10	Ci.-S.	Fr.-N.	7	Ci.-S.	Cu.
18	SE	SEbyS	SE	NNW	NNW	SE	29.2	43.3	86.1	54.5	213.1	7	Ci.-S.	Cu.	6	Ci.	Cu.-N.
19	SE	SE	SE	NNW	NW	NW	42.3	53.3	75.6	48.5	219.7	2	Ci.	Cu.	3	Ci.	Cu.-N.
20	SE	Calm	SE	NNW	NNW	Calm	43.3	34.9	98.5	45.1?	221.8	10	Ci.-S.	Fr.-N. E	3	Ci.	Cu.-N.
21	SE	SE	SE	N	NNW	Calm	34.8?	44.8	64.6	30.1	174.3	6	Ci.-Cu.	Cu.	10	Ci.-S.	Cu.-N.
22	SW	SSW	SE	SE	W	SW	27.2	47.8	47.2	43.3	165.5	10	Ci.-S.	Cu.	6	Ci.	N.
23	N	NW	Calm	NW	WNW	Calm	70.2	47.5	86.6	37.8	242.1	10	A.-S.	Fr.-N.	10	------------	N.
24	W	Calm	NNW	NNW	W	SW	23.8	54.4	91.1	25.7	195	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
25	S	SSE	SSE	NW	S	S	36	52.5	70.6	38.4	197.5	10	A.-Cu.	Fr.-N. SE	6	Ci.	Cu.
26	S	SSE	SE	NW	SW	NE	37.3	62.8	83.9	37.8	221.8	10	Ci.-S.	N. S	10	Ci.-S.	Fr.-N. SW
27	E	S	SSE	W	WNW	Calm	33.3	50.5	80.3	56.5	220.6	10	Ci.-S.	Fr.-N.	10	A.-S.	N.
28	Calm	Calm	E	NW	SSW	SSE	24.7	45.7	51.2	62	183.6	10	Ci.-S.	N. W	10	A.-S.	N.
29	SSE	SSE	SE	SSE	ESE	SE	63.4	86.7	76.2	84.8	311.1	10	A.-S.	Fr.-N.	10	Ci.-S.	S.-Cu.
30	SE	SE	ESE	SSE	SE	SE	81.8	97.2	74.3	128.1	381.4	10	------------	N.	10	------------	N.
31	SE	SE	SE	E	ESE	SE	120.1	92	86.4	77.7	376.2	10	------------	N.	10	------------	Fr.-N. SW
Mean	------	------	------	------	------	------	42.1	57.3	77.6	48.7	225.6	7.2	------------	------------	6.8	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	6,994.1	----	------------	------------	----	------------	------------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

AUGUST, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	mm.
1	53.85	54.39	55.12	53.98	54.23	56.21	54.63	25	25	28	31	27.6	26.5	27.2	33.3	24.5	96	95	84	75	87	91	88	4.4
2	56.12	55.90	55.80	54.53	54.87	56.73	55.66	25.6	25	31.5	31.2	30.5	27.6	28.6	33.3	24.9	95	96	72	73	72	86	82.3	2.5
3	56.15	56.26	56.30	55.02	55.21	57.20	56.02	26.3	26	31.5	31.5	28	26.1	28.2	32.8	25.5	94	97	73	72	90	94	86.7	14.5
4	56.01	55.66	56.13	54.78	55.37	56.36	55.72	25.5	25.5	30	30	28.9	26	27.6	34	25	97	96	78	81	78	95	87.5	11
5	55.55	55.67	56.38	55.32	57.11	57.63	56.28	25.5	25.5	30	30	24.6	24.4	26.7	32.2	23.8	98	98	78	77	95	96	90.3	60.9
6	56.91	56.51	57.49	55.77	56.56	58.35	56.93	24	24	28.4	32	27.5	25.4	26.9	32.8	23.6	97	97	82	69	81	92	86.3	1.8
7	57.37	57.37	57.75	57.46	56.57	57.29	57.30	24.7	23.8	29.6	26.5	26.5	25.5	26.1	31.4	23.4	92	97	77	86	86	92	88.3	16
8	56.38	56.18	56.35	54.88	54.63	55.85	55.71	24.6	24.5	26.9	29.1	29	27	26.8	31.8	24.1	97	95	89	86	78	89	89	8.7
9	54.76	54.34	55.44	54.75	54.48	56.36	55.02	25.8	25.5	29	31.8	28	26	27.7	33.7	25	95	95	84	67	88	96	87.5	19.4
10	55.50	55.49	56.80	55.84	57.12	58.48	56.54	25.6	25.5	27.5	29	25.5	24.7	26.3	30.3	24	97	95	88	78	91	97	91	24.7
11	57.25	57.22	57.77	57.10	57.11	58.03	57.41	24.4	24.2	26.5	25.3	26	24.8	25.2	28.9	23.9	97	97	91	93	89	95	93.7	27.7
12	57.15	56.92	56.91	56.14	56.45	57.26	56.80	24.7	24.3	27	26.5	25	24.2	25.3	29.6	23.7	94	97	89	88	93	97	93	33.4
13	55.87	55.77	57.09	56.07	55.84	56.79	56.24	24	23.6	25.5	25.5	23.5	23.5	24.3	26.7	23	95	98	92	92	97	97	95.2	43.2
14	56.23	56.19	57.21	56.38	56.13	57.34	56.58	23.6	23.5	25.5	26.5	25	24.5	24.8	27.9	23.4	97	98	94	90	95	95	94.8	6.6
15	56.52	56.62	57.61	57.20	57.30	58.47	57.29	24.2	24	30.5	29.5	27.5	25.7	26.9	31.5	23.8	95	96	78	78	77	85	84.8	-----
16	57.96	58.12	58.42	56.89	56.90	57.94	57.70	24.9	24.2	31	32	29	28	28.2	33.1	23.9	90	97	71	72	81	88	83.2	2
17	57.05	57.41	57.62	55.37	55.58	56.50	56.59	27.2	25.5	29	31	28.5	27.5	28.1	31.8	25.1	88	89	81	75	81	82	82.7	-----
18	55.75	55.55	55.92	54.24	54.82	55.86	55.36	26.2	25.5	31	32	28.5	27.5	28.4	34	25.2	91	95	71	70	83	84	82.3	-----
19	55.34	55.06	55.27	53.10	55.17	55.81	54.96	26	25.9	31.6	33.5	25.5	24.7	27.9	35	24	94	96	72	66	92	97	86.2	12.4
20	54.82	55.22	55.35	53.08	54.56	54.92	54.66	24.9	25.5	31.1	33.4	26	24.8	27.6	35.2	24	98	95	74	66	91	96	86.7	40.7
21	54.50	54.95	56.01	54.81	54.96	56.42	55.28	25	25.4	28	29.7	27.4	26.1	26.9	30.4	24.1	97	95	85	76	85	93	88.5	.5
22	55.85	55.90	57	55.71	55.09	56.81	56.06	25.2	25	28	28.4	26.9	26.7	26.7	29.3	24.8	97	96	85	78	86	87	88.2	1.3
23	56.01	55.42	56.41	55.90	55.43	57.33	56.08	25.8	25.5	29.5	26.5	25.6	24.8	26.3	32.3	24.3	93	95	81	93	94	93	91.5	48.8
24	55.67	55.50	56.16	55.20	55.65	57.27	55.91	24.5	24.5	27.7	26.5	24.9	24.2	25.4	30	23	95	95	79	88	93	97	91.2	55.1
25	56.46	56.07	57.14	55.68	56.05	57.90	56.55	23.2	23.7	28.5	29.2	25.1	24.5	25.7	31	22.9	98	97	80	81	92	94	90.3	26.6
26	57.75	57.56	58.43	57.04	57.72	58.80	57.88	24.5	24.5	29.7	27.6	25.5	25	26.1	31.4	23.4	94	95	79	87	89	95	89.8	26.1
27	58.15	58.85	59.50	57.79	58.15	59.33	58.63	24.8	24.4	30.2	33	28.8	26.5	28	34.1	23.9	96	97	77	67	82	91	85	.8
28	58.76	58.83	59.70	57.82	58.62	59.98	58.95	25.8	24.9	30.5	30.8	28.1	26.1	27.7	32.6	24.5	93	96	75	72	81	91	84.7	-----
29	59.50	58.98	59.17	57.35	57.38	58.95	58.56	24.8	24.1	31	32	30	28	28.3	33.3	23.9	95	97	69	66	71	85	80.5	-----
30	58	58.45	58.77	57.32	57.57	58.45	58.09	27.5	25.4	30.7	31.6	28.9	28.1	28.7	32.9	25	87	92	72	69	78	82	80	-----
31	57.58	57.38	58.35	56.22	56.76	57.85	57.36	27.5	26	30	31	28	26	28.1	32.1	25.1	86	92	78	72	81	84	82.2	20.1
Mean	56.48	56.44	57.08	55.77	56.11	57.37	56.54	25.2	24.8	29.2	29.8	27.1	25.8	27	31.9	24.2	94.5	95.7	79.9	77.5	85.7	91.5	87.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	509.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	Km.	Km.	Km.	Km.	0–10			0–10		
1	ESE	E	SE	SE	W	E	69.2	86.4	65.4	32.2	253.2	10	-----	N.	10	Ci.-S.	Cu.
2	SE	S	SE	Calm	NNW	W	43.7	70.2	47.3	34.1	195.3	9	Ci.-S.	Cu.	10	A.-Cu.	N.
3	S	Calm	SE	N	Calm	SSE	29.6	49.9	49.1	41	169.6	10	A.-S.	Fr.-N. SbyE	8	Ci.	Cu.-N. S
4	S	SSE	SE	N	WNW	SE	39.4	48.3	53.6	39.2	180.5	9	A.-Cu.	Fr.-N. S	9	Ci.	Fr.-N. WSW
5	SSE	SE	SE	NNE	W	NE	27.6	37	48.5	30.8	143.9	8	A.-Cu. NE	Cu.	10	Ci.-S.	Fr.-N. WSW
6	S	SSE	SE	SE	SSW	Calm	43.7	73	70.8	25.1	212.6	10	A.-S.	Fr.-N.	9	A.-Cu.	S.-Cu. WbyS
7	S	S	SE	W	N	NW	11.9	59.5	38.6	27.4	137.4	9	Ci.-S.	Cu.	10	A.-S.	N.
8	S	SE	SE	N	W	Calm	39.2	47	62.8	26.4	175.4	10	A.-S.	N. SW	8	Ci.-S.	N. WSW
9	S	S	NW	W	W	W	28	42.4	87.7	44.3	202.4	9	Ci.	Fr.-N. SW	9	Ci.-S.	Fr.-N. WSW
10	SE	SE	SE	N	SE	Calm	37.8	40.2	43.1	30.4	151.5	10	-----	N. SW	10	A.-S.	Fr.-N. W
11	S	SSE	S	NNE	N	S	42.8	43	42.3	35.1	163.2	10	A.-S.	N. SW	10	-----	N. WSW
12	S	SSW	SSE	N	N	SE	32.7	35.9	41.5	53.4	163.5	10	A.-S.	Fr.-N. WSW	10	-----	N. W
13	SE	SE	SE	SE	SE	SE	58.2	53.3	44.5	62.3	218.3	10	-----	N. NW	10	-----	N.
14	SE	SSE	SE	SE	SSE	S	48.8	61.4	49.9	43.5	203.6	10	A.-Cu.	N. SSE	10	-----	N.
15	SE	SE	SE	SSW	N	Calm	38.6	54.7	63.4	23.8	180.5	4	A.-Cu.	Fr.-N.	9	A.-Cu.	N.
16	Calm	WNW	Calm	NNW	NNW	NW	16.3	27.9	90.1	69.5	203.8	4	Ci.	S. SE	2	Ci.	Cu.
17	NW	NW	NNW	NNW	N	N	40.5	51.2	108.8	63.4	263.9	10	A.-S.	N. NW	4	Ci.-Cu. ENE	Cu.
18	N	NW	SE	NNW	WNW	NE	24.1	48.8	79.2	36.7	188.8	10	A.-Cu.	Fr.-N.	9	Ci.-S.	Fr.-N.
19	E	Calm	E	N	SE	S	33	31.1	74.8	33.6	172.5	10	-----	Fr.-N.	3	Ci.-S.	Cu.
20	SW	S	S	NW	SE	Calm	17.7	41.6	57.6	48.6	165.5	10	A.-S.	S.-Cu.	6	Ci.	Cu.-N.
21	Calm	Calm	SSE	Calm	SE	SE	18.2	18.5	25.4	58.5	120.6	10	-----	Fr.-N. SW	10	Ci.-S.	Fr.-N.
22	SE	SE	SE	NNW	NW	Calm	55.7	50.2	58.9	20.7	185.5	10	A.-S.	Fr.-N. SEbyS	10	A.-S.	Fr.-N.
23	S	S	SE	W	N	N	29.8	37.3	42.3	32.5	141.9	10	A.-Cu.	Fr.-N. SW	10	-----	N. W
24	Calm	Calm	E	SSW	N	SE	23.5	30.1	51.5	48.9	154	10	A.-S.	Fr.-N. SW	10	-----	N.
25	S	SSE	SE	ENE	E	SE	31.4	67.8	55.5	37.8	192.5	9	Ci.	Fr.-N. WSW	10	A.-Cu.	N. SW
26	SE	SE	SE	NW	SW	SW	60.7	64.2	52	80.9	207.8	10	-----	Fr.-N. SSE	9	-----	Fr.-N. S
27	SW	S	SSE	SW	SW	S	27.9	42.4	45.7	22.5	138.5	10	-----	N.	7	Ci.	Cu.-N. SW
28	SW	SbyE	SW	NW	NW	N	24.6	34.6	83.7	39.9	182.8	1	Ci.-Cu.	Cu.	9	Ci.-S.	Cu.-N.
29	SE	SE	SE	NW	NW	NW	34.3	41.6	90.1	88.5	254.5	6	Ci.	Fr.-N.	1	Ci.	Cu.
30	NW	SW	WNW	NW	NW	NW	36.5	41.2	105.7	86.9	270.3	8	Ci.-S.	Cu.	3	Ci.	Cu.
31	WNW	W	NNW	NNW	NW	NW	55.3	41.8	91.1	55.5	243.7	9	Ci.	N. NW	3	Ci.	Cu.-N.
Mean	-----	-----	-----	-----	-----	-----	36.2	47.5	62	42.7	188.3	8.9	-----	-----	8	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5,837.5	-----	-----	-----	-----	-----	-----

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

SEPTEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57	56.22	57.50	56	56.51	57.70	56.82	27	25.2	29.5	30	26.8	25.6	27.4	32.5	25	79	92	75	70	85	92	82.2	1.8
2	56.66	56.52	57.25	55.42	55.30	57.21	56.39	25	25	28.6	29	27.5	25.4	26.8	31	24.5	95	95	76	76	79	92	85.5	10.2
3	56.27	56.51	57.36	55.36	55.32	56.27	56.18	24.6	24.5	26.6	26.5	26.6	26.1	25.8	27.8	24.1	97	96	90	88	84	86	90.2	13.5
4	55.56	55.63	56.30	54.10	54.29	55.80	55.28	25	24.5	30.5	30.4	28.5	26	27.5	33.5	24	92	95	71	72	82	94	84.3	------
5	55.06	54.97	55.49	53.69	53.32	55.30	54.64	25.5	25	31.5	31.5	28.5	26.8	28.1	33.3	24.7	96	98	73	70	81	89	84.5	1.8
6	54.36	54.53	54.92	53.29	53.43	55.01	54.26	25.5	25	31	31.5	28.9	27	28.2	33.3	24.9	95	98	71	72	78	87	83.5	.5
7	53.36	53.20	53.99	51.97	52.97	54.30	53.30	25.8	25.6	31	30	26	25.6	27.3	33.3	25.1	95	94	73	80	91	91	87.3	11.5
8	53.16	52.91	53.25	51.28	51.76	53.37	52.62	25.4	25	30	31	28.6	25.5	27.6	33.5	24.7	93	96	75	71	74	92	83.5	.5
9	52.67	52.99	53.97	52.14	52.91	54.75	53.24	25.1	25	30.4	30.1	25.7	25.5	27	33.5	24.8	94	95	72	75	94	95	87.5	23.3
10	54.22	53.99	55.15	53.95	54.41	55.61	54.56	25	24.6	26	26.5	24.4	24.1	25.1	27.8	23.6	97	97	94	94	97	95	95.7	74.5
11	55.23	54.69	55.86	54.31	53.91	55.28	54.88	23.8	24	27.5	29.8	26.6	25.3	26.2	31.2	23.4	97	97	87	75	86	93	89.2	8.4
12	55.21	55.10	55.89	53.98	54.86	56.25	55.22	25.3	25	31	34	26.1	26	27.9	34.8	24.5	93	92	73	64	94	87	83.8	17.2
13	55.82	55.85	56.48	54.68	54.67	56.60	55.68	25.7	25.4	30.1	33.8	29.1	26.8	28.5	35.1	25	91	96	81	64	83	90	84.2	14.9
14	56.39	56.50	57.68	55.77	56.05	57.45	56.64	25.4	25	29.5	32.5	28.5	26.5	27.9	33.7	24.5	95	93	77	68	81	85	83.2	------
15	57	56.58	57.88	55.69	56.39	58.85	57.06	25.6	24.9	30.5	33	29.5	27	28.4	34.3	24.5	89	92	65	58	76	91	78.5	2.8
16	58.14	58.60	59.92	57.74	57.64	58.83	58.48	25.7	25	29.5	31.9	29	26.5	27.9	32.5	24.9	93	92	75	70	81	83	82.3	------
17	58.54	59.10	60.08	57.65	58.40	60	58.96	25.4	24.9	31	34.9	26.1	26.3	28.1	35.5	24.6	90	92	68	59	94	94	82.8	14
18	58.70	58.07	59.08	56.93	57.59	58.80	58.20	25.8	25	32	34	27	26.5	28.4	35.3	24.9	93	95	75	64	87	91	84.2	5.1
19	57.80	57.17	58.40	56.06	57.10	58.80	57.56	25.6	25.2	31.5	33	29	27.1	28.6	34.2	25	96	98	72	69	85	93	85.5	4.3
20	57.71	57.76	58.68	55.67	56.43	58.43	57.45	26.1	25.7	31.6	34	27.6	25.5	28.4	35.2	24.5	95	94	71	63	83	92	83	2
21	57.96	58.05	59.29	57	57.58	58.45	58.06	25.7	25.5	31	34.5	28	26.2	28.5	35.4	24.5	91	95	72	56	76	90	80	------
22	57.86	57.81	58.71	56.72	57.41	58.90	57.90	25	24.9	32.7	33.5	29.9	27.5	28.9	35.5	24.6	94	93	66	61	75	87	79.3	------
23	58.25	58.18	58.46	56.26	56.79	57.99	57.66	26	25.3	33.1	33	29.6	25.8	28.8	34.7	25	94	94	66	58	77	89	79.7	------
24	57.36	57.26	58.07	55.97	56.56	57.85	57.18	25.6	25	32.2	32.1	27	25.5	27.9	35.3	24.8	90	94	69	64	80	91	81.3	------
25	57.80	57.97	58.12	56.36	56.70	58.60	57.59	25.2	25	32	30.5	29	25.4	27.8	34.7	23.5	94	96	69	72	81	93	84.2	4.9
26	58.17	58.16	58.65	57.05	57.08	58.72	57.97	23.7	23.5	30.9	30	28	26.5	27.1	34.8	23.2	97	96	73	73	84	91	85.7	------
27	58.27	57.88	58.72	57.18	57.67	59.20	58.15	24.9	24.5	31.5	33	28	27	28.2	33.9	24.1	95	95	72	63	80	87	82	3.5
28	58.11	58.16	59.20	57.12	58.25	59.46	58.38	24.6	23.8	30	33	27.5	23.9	27.1	34.7	23.3	92	91	77	63	85	91	83.2	------
29	58.06	58.16	58.84	56.30	57.88	59.50	58.12	23.7	23	31	33.9	28.2	27.1	27.8	34.8	22.6	91	95	69	59	79	88	80.2	------
30	58.85	58.86	59.76	57.84	58.98	60.20	59.08	25.6	24.5	31	31.7	26.5	25.6	27.5	33.7	24.1	93	95	71	64	81	90	82.3	------
Mean	56.65	56.58	57.43	55.45	55.94	57.45	56.58	25.3	24.8	30.5	31.8	27.7	26.1	27.7	33.6	24.4	93.2	94.7	73.9	68.5	83.1	90.3	84	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	214.7

Day.	Wind. Direction.						Wind. Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	E	SE	WNW	W	NW	44	36.8	106.2	71.3	258.3	10	A.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
2	NNW	NW	NW	NW	NW	NW	44.1	30.6	82.9	51.7	209.3	10	A.-S.	Fr.-N.	10	Ci.-S.	Fr.-N.
3	NW	NNW	N	N	NNE	N	35.2	41.5	45.7	38.3	160.7	9	Ci.	N. NWbyW	10	Ci.-S.	N.
4	Calm	NE	SE	W	Calm	Calm	14.7	36	58.2	29.6	138.5	9	A.-Cu.	S.-Cu.	9	Ci.	Fr.-N.SWbyW
5	SE	SE	SE	NW	NNW	N	24.6	29.5	77.2	42.3	173.6	10	A.-S.	Fr.-N.	5	Ci.	Cu.-N.
6	W	WSW	WbyS	NNW	NW	N	23.1	34.4	92.2	59.2	208.9	9	Ci.-S.	Cu.	7	Ci.-S.	Fr.-N. S
7	Calm	NW	SW	NNW	SW	NW	16.6	39.4	101.9	34.8	192.7	10	A.-S.	Fr.-N. NNW	10	------------	N. E
8	N	N	ESE	NNW	SW	SE	26.6	50.5	63.9	52.9	193.9	9	Ci.	S. SE	9	A.-Cu.	Cu.-N.
9	SE	SE	SE	SE	SE	SE	45.1	81.5	80.8	66.8	274.2	8	Ci.-Cu.	Cu.	9	Ci.	N. SSE
10	SE	SE	SE	Calm	SW	SE	57.3	44.9	82.5	39.4	174.1	10	------------	N.	10	------------	N.
11	Calm	Calm	SE	W	NNW	SW	26.2	28.7	42.8	38.3	136	10	A.-Cu. SE	Fr.-N. WSW	10	A.-Cu. W	S.-Cu.
12	SE	SE	SE	SE	S	SE	74.8	86.3	62	38.9	262	10	A.-Cu.	S.-Cu. SSE	4	A.-Cu.	Cu.
13	SE	SSE	SE	S	NW	E	45.4	73.4	68.6	58.9	246.3	6	A.-Cu. SSE	Fr.-N.	7	Ci.	Cu.-N. WSW
14	SE	SE	SSE	SEbyS	SE	SE	68.7	88.3	78.4	53.9	289.3	8	A.-Cu.	Fr.-N.	6	Ci.	Cu. SSE
15	SE	SE	SSE	SSE	S	Calm	56.1	94.4	78.1	18.5	247.1	1	Ci.	Cu.	7	A.-Cu.	S.-Cu.
16	Calm	SE	SE	SE	SE	S	23.5	69.2	41.2	39.4	173.3	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
17	SE	SE	SE	SbyE	N	Calm	32.2	64.9	75.3	30.4	202.8	9	Ci.-S.	S.-Cu.	2	Ci.	Cu.
18	SE	SE	S	W	SW	W	27.6	39.2	44	31.1	141.9	3	Ci.	Cu.	7	Ci.-S.	Cu.
19	SE	SE	SSE	SSE	E	ENE	22.5	70.8	59.8	22.5	175.6	10	Ci.-S.	S. S	9	Ci.-S.	Cu.
20	E	SE	SE	SSW	ENE	E	39.7	79.9	65.5	34.1	219.2	9	------------	S.-Cu.	9	Ci.-S.	Cu.
21	WNW	W	SE	SSE	N	Calm	32.8	34.4	60.9	22.5	150.6	10	A.-S.	Fr.-N.	6	Ci.-S.	Cu.-N.
22	E	E	S	NNW	NNW	NE	35.1	74.3	67.6	45.9	222.9	3	A.-Cu.	Cu.	8	Ci.	Fr.-Cu. E
23	NE	NE	S	NNW	NW	SE	20.1	36.8	87.4	41.6	185.9	2	Ci.	S. SSE	3	A.-Cu. EbyN	Cu.
24	SE	SEbyS	SE	SE	S	SE	37.5	52.5	43.5	22.2	155.7	3	Ci.	S.-Cu.	9	Ci.-S.	Fr.-N.
25	SE	SE	ESE	SW	NW	NE	31.9	56.6	60.7	68.4	217.6	6	A.-Cu.	S.-Cu.	9	Ci.	Cu.-N.
26	E	SSE	SE	SW	Calm	Calm	24.1	66.6	54.1	23	167.8	5	A.-Cu.	S.-Cu.	9	A.-Cu.	N.
27	S	S	SE	NNW	NNW	W	32.7	40	80	47.7	200.4	9	Ci.-S.	S.	3	A.-Cu.	N.
28	SE	SE	SE	SSE	N	SE	48.8	63.8	68.7	67.9	249.2	6	A.-Cu.	S.-Cu.	10	Ci.-S.	Fr.-N.
29	S	SE	SE	SSE	NNE	Calm	44.8	85.8	75.9	26.8	233.3	1	Ci.	Cu.	5	Ci.-Cu.	Cu.
30	N	SE	SE	N	E	SW	20.7	44.8	81.3	31.2	178	7	Ci.	Cu.	7	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	35.9	55.9	67.9	41.6	201.3	7.4	------------	------------	7.5	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	6,039.1	----	------------	------------	----	------------	------------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, −1.67 mm.]

OCTOBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	59.94	59.89	60.72	57.92	58.05	59.27	59.30	24.7	24	32	34	29.5	28.1	28.7	34.6	23.9	92	96	63	56	72	81	76.7	------
2	58.52	58.15	58.29	55.65	56.49	57.60	57.45	26.3	25.5	33	32.5	29.7	28.2	29.2	33.9	25	92	95	63	66	79	86	80.2	------
3	55.94	55.96	56.52	53.68	55.28	56.30	55.61	25.5	25	31	32.7	28	25.2	27.9	34.2	24.5	91	95	75	68	84	91	84	------
4	54.72	55.46	56.43	54.02	54.65	56.22	55.25	25	24.8	31	33.5	29.6	26.9	28.5	35.5	24.3	92	93	73	62	73	89	80.3	0.8
5	55.34	55.40	56.11	53.90	54.50	56.23	55.25	26.1	25.2	32.5	34	29.5	25.5	28.8	34.8	24.2	94	98	66	58	77	99	82	58.2
6	55.40	54.87	55.55	52.96	53.50	55.42	54.62	25	24.7	31.6	34.4	29.2	28	28.8	35	23.9	98	97	72	59	79	85	81.7	------
7	54.24	54.15	55.11	52.92	53.68	55.54	54.27	25.6	25.1	32.8	34.5	24.8	26.5	28.2	35.7	24	95	95	65	58	89	95	82.8	14.5
8	53.88	54.66	55.59	53.41	53.85	55.15	54.42	25.4	24.3	31	34	29.1	26.3	28.4	35	24	93	92	66	56	77	82	77.7	.8
9	54.47	54.98	55.96	53.53	54.73	56.30	55	25.3	25	32.5	34	30	27	29	35.1	24.5	85	86	56	56	63	79	70.8	------
10	55.34	55.87	56.77	55.50	56.95	58.45	56.48	26	25.2	31.4	34	29	26.9	28.8	34.8	25	76	81	63	58	76	84	73	------
11	58.97	59	59.95	57.97	59.38	61.24	59.42	26	25	31.5	34.9	29.5	24.5	28.6	35.8	23.9	88	91	68	56	79	92	79	11.4
12	59.85	59.61	59.92	57.64	58.30	59.38	59.12	24.4	23.9	30.7	32	28	25.7	27.4	33.3	23.5	94	96	70	65	81	92	83	------
13	58.31	57.86	58.24	55.67	55.97	56.86	57.15	24.6	23.7	31.5	32	26.6	25.6	27.3	34.6	23.5	93	97	65	65	90	90	83.3	3
14	56.82	56.53	57.57	56.17	55.62	56.78	56.58	25	24	27	26	24.5	24.7	25.2	30.3	24	92	95	84	91	95	91	91.3	5.1
15	56.61	56.56	57.26	55.47	56.43	57.80	56.69	24.3	24	28	33	28	26	27.2	33.9	23.9	93	95	80	65	74	85	82	------
16	57.31	57.30	58.08	56.42	57.64	58.79	57.59	25	24.6	32.2	34	26.8	24.5	27.8	35	23.6	91	93	65	61	89	95	82.3	3.5
17	58.02	58.24	59.24	56.29	56.92	58.35	57.84	23.7	23.8	31.5	32.6	28	28.5	28	33.4	23.3	96	97	65	62	80	85	80.8	4.1
18	57.25	58.07	58.68	56.39	56.82	58.15	57.56	25.7	24.7	32.2	32	29.5	27.9	28.7	34.2	24.6	94	97	66	64	75	82	79.7	------
19	57.24	57.30	58.38	56.05	57.13	58.79	57.48	25.5	25	33	34.6	29	27.5	29.1	35.9	24.9	92	95	63	59	77	88	79	------
20	58.04	58.48	59.22	56.55	56.82	58.89	58	26	25	32.4	34	29.8	26.9	29	35.8	24.8	94	95	68	62	73	78	78.3	------
21	57.85	57.92	58.43	56.27	56.75	57.68	57.48	25.2	24	31.2	33	26.4	25	27.5	34	24	85	94	68	61	92	96	82.7	4.6
22	56.87	57.15	57.89	55.79	55.62	57.12	56.74	24	23.5	31.5	32	29	27.4	27.9	33.4	23	96	96	65	57	78	89	80.2	------
23	55.49	54.55	54.92	52.28	51.60	51.80	53.44	26.1	26	29.4	28.7	27.3	26.8	27.4	29.8	25.5	94	95	79	76	90	95	88.2	3.9
24	49.16	48.65	49.33	47.01	46.94	48.23	48.22	27	26	30.5	31.2	26.1	25.5	27.7	32.5	24.5	87	95	72	61	86	88	81.5	2,3
25	47.33	47.72	49.85	49.46	50.93	52.94	49.70	27	27.5	29	28	24.4	24	26.6	31.8	23.1	71	70	71	72	88	95	77.8	.5
26	53.10	53.56	55.44	53.81	55.03	56.62	54.59	23.1	23	31	33.1	27	26	27.2	34.1	22.7	94	91	67	55	87	84	79.7	.3
27	56.02	56.58	57.55	55.19	55.98	56.45	56.30	24.1	23.5	29.8	30.1	28.5	27.1	27.2	32.4	23.2	94	95	73	71	80	87	83.3	------
28	55.10	54.74	55.24	52.68	52.47	53.81	54.01	27.5	25	29.4	30	27.5	26	27.6	30.9	24.5	85	92	74	73	77	86	81.2	4.8
29	52.11	51.10	51.39	48.38	49.13	49.60	50.28	26.6	27	25.6	26	25.1	25	25.9	27.8	24	80	76	90	87	92	88	85.5	42.2
30	49.82	51.69	53.39	52.19	52.97	55.02	52.51	24	23.3	24.5	29	25.4	24.2	25.1	29.9	23	92	96	92	74	84	91	88.2	.3
31	54.53	54.88	56.49	55.16	56.37	57.96	55.90	23.6	23	29.4	29	24.8	24.4	25.7	31.7	22.5	92	95	75	78	88	91	86.5	.5
Mean	55.60	55.71	56.56	54.40	55.05	56.41	55.62	25.3	24.7	30.6	32	27.7	26.2	27.8	33.5	24	90.5	92.7	70.4	64.9	81.4	88.4	81.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	160.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	Km.	Km.	Km.	Km.	0–10			0–10		
1	SE	SE	SSE	NNW	NNW	N	28.2	45.3	64.6	39.1	177.2	8	Ci.	Cu.	2	Ci.-Cu.	Cu.
2	Calm	NbyE	SE	N	NNW	SE	14.2	29.2	74.8	48.3	166.5	4	Ci.	Cu.	7	Ci.-S.	Cu.-N.
3	SE	SE	SEbyS	NW	SE	SE	31.4	43.3	51.5	45.3	171.5	10	Ci.-S. SE	Cu.	9	Ci.-S. E	Fr.-N.
4	Calm	SE	SSE	NW	N	NE	26.2	56.5	60.6	42.8	186.1	9	Ci.	S.-Cu. NE	8	Ci.	Cu.-N.
5	Calm	S	SSE	NNW	WNW	E	18.8	40	75.9	47.2	181.9	1	Ci.	------	3	Ci.	Cu.-N.
6	S	Calm	SSE	SE	NNW	N	22.3	40	45.7	51	159	4	Ci.	S.-Cu.	2	Ci.	Cu.
7	SE	SE	SSE	SE	WSW	Calm	26.8	57.6	56.3	26.2	166.9	3	Ci.	Cu.	3	Ci.	Cu.
8	SE	E	S	SSE	NE	SE	42.3	81.1	77.2	57.9	258.5	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
9	S	SSE	SE	SSE	SE	S	75.1	97.6	90.9	70	333.6	9	Ci.-S.	S.-Cu.	8	Ci.-S. EbyS	Cu.
10	SSE	SE	SE	SSE	S	S	82.3	114.3	100.3	40.5	337.4	9	Ci.-S.	Cu.	4	Ci.	Cu.
11	SE	SE	SSE	SE	N	Calm	41.2	74.3	83.4	38.8	237.7	10	Ci.-S.	Fr.-N.	7	Ci.-S.	Cu.
12	Calm	Calm	S	NNW	NE	S	30	32.2	77	40	179.2	10	Ci.-S.	Cu.	8	Ci.-S. N	Cu.-N.
13	SE	Calm	SE	NW	E	SE	28.4	35.4	54.9	30.4	149.1	6	Ci.	Cu.	9	Ci.-S.	Fr.-N. ESE
14	E	SSE	SSE	SE	S	SSE	33.5	57.3	72.4	74.8	238	8	Ci.	S.-Cu.	10	------	N. SE
15	SE	SE	SSE	SE	SE	SE	47.3	89.9	103.3	81.1	321.6	10	Ci.-S. ENE	Fr.-N.	8	Ci.-S.	Cu.
16	SE	SE	SE	SE	S	SE	54.7	84.7	71.6	44.9	255.9	10	Ci.-S.	S.-Cu.	9	A.-Cu.	Cu.-N.
17	Calm	SE	SE	NNW	W	NW	16.1	42	68.9	58.4	185.4	10	Ci.-S.	Cu.	7	Ci.	Cu.-N.
18	Calm	SW	SE	NNW	NNW	N	18	42.1	98	53.7	211.8	7	Ci.-S.	Cu.	2	Ci.	Cu.
19	Calm	E	SSE	S	NW	NW	24.1	43.3	65.4	42.6	175.4	5	Ci.	S. SSE	9	Ci.-S.	Cu.
20	SW	SSW	SE	NW	N	E	33.6	68.4	53.1	27.4	182.5	2	Ci. ENE	Cu.	4	Ci.	Fr.-Cu.
21	SE	SE	SE	NW	SE	Calm	28	26.6	46.5	20.9	122	9	Ci.-S.	S.-Cu.	3	Ci.	Cu.-N.
22	Calm	Calm	SE	NW	NNW	NW	23.3	23.6	64.4	29.2	140.5	10	Ci.-S.	Cu.	10	Ci.-S. SE	Cu.
23	Calm	NE	NW	NW	NW	Calm	12.3	28.4	34.9	11.8	87.4	10	A.-S.	S.-Cu. NE	10	A.-S.	Fr.-N. ENE
24	NW	W	E	ENE	SE	ESE	33.8	57.9	101.1	124.9	317.7	10	A.-S.	N.	10	------	Fr.-N.
25	SE	SE	SE	SE	SE	ESE	191.7	214.8	189.9	108	704.4	10	Ci.-S.	Fr.-N. ESE	10	A.-S.	Fr.-N. SE
26	S	SSE	SE	SE	S	SE	68.1	93.9	83.1	61.5	306.6	2	Ci.	S.-Cu.	1	Ci.	Cu.
27	S	S	SW	WNW	W	WbyN	22	31.7	111	98	262.7	9	Ci.-S. SE	Fr.-Cu.	10	Ci.-S.	Cu.
28	NW	Calm	NW	NNW	NWbyN	NWbyN	71.6	84.7	181.8	------	------	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
29	NW	NW	WNW	WbyN	W	WSW	------	------	280.8	226.1	------	10	A.-S.	Fr.-N. NW	10	A.-S.	Fr.-N. WNW
30	SW	S	ESE	SW	S	SE	103.6	65.8	70.3	55.5	295.2	10	------	N. SW	10	Ci.-S.	S.-Cu.
31	SE	S	SE	SE	SE	SE	72.6	88.3	103.2	69	333.1	10	Ci.-S.	Cu.	10	A.-S.	S.-Cu. SSE
Mean	------	------	------	------	------	------	44	63	87.5	58.8	236	7.8	------	------	7.1	------	------

DAGUPAN.

[φ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

NOVEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.16	58.31	58.70	56.66	57.88	59.48	58.03	24.2	24	31	34.3	28	27	28.1	34.9	23.5	91	93	68	59	80	88	79.8	0.8
2	58.55	58.78	59.66	57.17	57.43	58.50	58.35	25	24.7	30.5	31	28.1	26.5	27.6	32.3	24.5	95	97	75	67	84	92	85	------
3	57.21	56.20	55.61	50.50	45.70	35.26	50.08	25	24.5	27.5	27.6	28.4	24.9	26.3	28.8	23.8	95	98	88	80	78	99	89.7	117.1
4	46.63	51.73	55.38	54.38	56.47	58.18	53.80	23	23	26.4	28	25	25.5	25.2	28.7	22.1	99	90	84	77	91	91	88.7	3.8
5	58.46	58.56	59.58	57.05	57.68	59.42	58.46	25.3	25.3	31.2	33.2	28.3	27.5	28.5	34.7	25	93	93	71	59	85	89	81.7	------
6	58.30	58.65	58.94	56.26	56.77	58.68	57.93	27	25	31.2	33.1	28.8	26.5	28.6	34.4	24.8	90	97	70	66	84	85	82	------
7	57.72	58.10	58.73	56.56	57.30	58.85	57.88	24.9	24	31	31.8	28	25.8	27.6	34.6	23.9	92	95	65	66	84	90	82	1
8	57.96	58.55	59.49	57.39	57.71	58.90	58.33	24	23	30.5	31.5	28	27	27.3	32.8	22.7	91	96	65	64	80	90	81	------
9	58.25	58.88	59.23	56.66	57.25	58.64	58.15	26	25	31.1	31.5	28.1	27.5	28.2	34.3	24.5	92	95	68	65	84	89	82.2	------
10	57.15	57.17	57.68	55.09	55.37	55.57	56.34	26	24.6	31	29.7	25.6	25.7	27.1	32.5	24.4	95	96	77	72	93	86	86.5	8.4
11	54.71	54.87	57.14	55.80	56.45	57.51	56.08	24.5	24.1	25.1	27.6	25.5	24.5	25.2	29.8	23.8	96	90	87	76	91	90	88.3	3.5
12	56.66	57.21	58.35	56.55	57.89	59.30	57.66	24.5	24	30.1	31.4	27.5	25.3	27.1	33.6	23.7	89	91	69	70	82	87	81.3	------
13	58.68	58.69	59.48	57.56	59.19	60.33	58.99	24	24	30.8	33.5	25.2	25.5	27.2	34.3	23.5	91	89	64	61	93	91	81.5	14
14	59.69	60.28	60.98	58.80	59.23	60.60	59.93	24.8	24	29	30.1	27.5	25.7	26.8	31.7	23.9	94	99	79	74	87	94	87.8	------
15	59.80	60.42	61.20	58.37	58.78	59.93	59.75	24.6	23.5	31.5	32.5	28.2	26	27.7	33.8	23.1	98	97	65	58	79	89	81	------
16	59.05	59.45	60.34	57.70	58.40	59.53	59.08	24.5	23	31	31.5	28.2	25.5	27.3	32.8	22.6	94	95	60	57	73	84	77.2	------
17	58.45	58.52	59.34	57.29	58.11	59.80	58.58	24	23.7	31	31.1	26.1	24.6	26.8	34.3	23.4	92	93	63	65	87	90	81.7	14.2
18	59.17	60.12	61.05	58.55	59.25	61.05	59.86	23.1	21.9	30.6	33.9	27.6	23.5	26.8	34.5	21.6	90	93	65	46	79	81	75.7	------
19	60.50	60.74	61.74	59.39	59.93	61.30	60.60	21.1	20.5	30	30.5	27.2	24	25.6	32	20.4	90	90	62	63	78	81	77.3	------
20	60.61	60.90	61.22	58.71	58.85	59.95	60.04	23	22.1	30	31.5	27.5	24.7	26.5	32.4	21.8	86	89	61	62	77	86	76.8	------
21	59.23	59.45	59.78	58	58.52	59.60	59.10	23.6	23	32.5	31.4	28	25.2	27.3	33	22.5	86	89	60	63	80	89	77.8	------
22	58.76	58.20	59.50	57.38	57.83	58.99	58.44	24.5	22.8	31.5	30.4	27.6	25	27	32.6	22.5	87	89	63	66	81	84	78.3	------
23	58.37	58.62	59.43	56.65	57.20	58.37	58.11	23.8	23	32	29.5	27.1	24.6	26.7	32.8	22.5	87	88	57	68	80	86	77.7	.3
24	57.33	57.52	58.23	55.93	56.30	57.15	57.08	23.6	22.6	30.6	30.5	28	25.5	26.8	32.2	22.4	89	95	64	65	78	88	79.8	------
25	56.07	56.41	57.07	54.52	55.30	56.25	55.94	24.4	23.5	31.5	31.9	28.6	26.9	27.8	34.7	23.2	92	95	63	62	73	81	77.7	------
26	55.12	55.43	56.70	54.48	55.38	56.80	55.65	25.2	24	32.2	30.4	28	25.5	27.6	33.2	23.5	86	91	64	69	84	95	81.5	29.5
27	55.78	56.70	57.90	55.17	56.13	57.40	56.51	24.6	24.7	29.5	30.5	27.5	26	27.1	32.4	24	94	93	74	68	87	92	84.7	.3
28	56.46	57.18	57.92	55.95	56.65	57.75	56.98	24.8	24	31.4	31.1	28	26.3	27.6	33.1	24	93	96	70	64	82	90	82.5	------
29	56.95	57.98	58.78	56.67	57.50	58.78	57.78	24.5	23.7	31.5	32.5	27.9	25.7	27.6	33.8	23.5	96	97	68	58	84	86	81.5	------
30	58.44	59.06	59.93	57.53	58.01	59.48	58.74	24.8	24	27	31.6	27	23.5	26.3	32.3	22.5	88	91	83	62	72	79	79.2	------
Mean	57.57	58.09	58.97	56.62	57.15	58.04	57.74	24.4	23.6	30.3	31.2	27.5	25.6	27.1	32.9	23.3	91.7	93.3	69.1	65.1	82.3	88.1	81.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	192.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	SE	SSE	SEbyS	NW	N	40.2	66.5	76.4	42.6	225.7	3	Ci.-Cu. sbyw	S.-Cu.	8	Ci.-Cu. SE	Cu.
2	Calm	Calm	NW	NNW	N	Calm	10.8?	31.4?	77	25.9	145.1	10	Ci.-S.	S.-Cu.	2	Ci.	Cu.
3	Calm	Calm	NWbyW	NW	NWbyN	W	10.7	68.6	157.9	366.4	603.6	9	Ci.-S. E	S. NW	10	A.-S.	Fr.-N. NW
4	SE	SE	SE	SE	SE	SE	300.1	239	148.6	103	790.7	10	------------	N. S	10	A.-S.	N. SSE
5	SE	SE	SE	SE	W	N	73.5	98.8	76.1	57.9	306.3	8	Ci.	S.-Cu.	1	------------	Cu.
6	N	NE	SSE	N	N	SE	34.9	47	44.8	22.7	149.4	10	------------	S.	7	Ci.	Cu.
7	SE	SE	SE	NNW	N	SW	32.2	56.9	63	36.8	188.9	1	Ci.	S.-Cu.	5	A.-Cu.	S.-cf. ESE
8	SE	Calm	S	NW	NNW	NW	25.9	20.9	59.5	36.2	142.5	1	Ci.	S.-Cu.	1	Ci.	Cu.
9	Calm	SE	S	NNW	NNW	NW	20.7	54.1	80.5	56.3	211.6	10	------------	S. S	1	Ci.	Cu.
10	Calm	Calm	NE	SSE	SSE	Calm	22.2	29.3	34.9	17.7	104.1	10	Ci.-S.	S.-Cu.	10	A.-S.	N.
11	SSE	SE	ESE	SE	S	SSE	44	148.4	106.7	65	364.1	10	A.-S.	Fr.-N. SEbyE	10	A.-S.	Fr.-N.
12	SSE	SSE	SSE	S	S	SE	56.5	86.6	84.3	36.5	263.9	8	Ci.-S.	S.-Cu.	9	A.-Cu. SbyE	Cu.
13	SE	SbyE	SE	S	E	Calm	55.5	89.5	86.7	16.9	248.6	9	Ci.-S.	Cu.	2	Ci.	Cu.
14	Calm	E	SSW	NW	NW	WSW	18.7	36.2	83.5	24.7	163.1	10	Ci.-S.	------------	3	Ci.	Fr.-Cu. NNW
15	S	SSE	SSE	NNW	N	SE	21.9	51.2	66.6	40.5	180.2	1	Ci.	Cu.	2	Ci.	Cu.
16	SE	Calm	SSE	NNW	N	Calm	20.3	33.2	50.2	22.5	126.2	1	A.-Cu.	Cu.	2	Ci.	Cu.
17	Calm	E	SSE	Calm	Calm	S	16.1	50.1	45.1	42.4	153.7	4	A.-Cu.	Cu.	8	Ci.	Cu.-N. SSE
18	SSE	SSE	SE	SSE	N	S	37.6	52.9	74	41.5	206	1	------------	S.-Cu.	1	Ci.	Cu.
19	S	Calm	Calm	NNW	Calm	W	21.9	22.5	55.5	21.1	121	1	Ci.	Cu.	1	------------	Cu.
20	Calm	SW	NNW	NNW	NNW	Calm	23.6	29.3	61.4	19.8	134.1	0	------------	Cu.	1	Ci.-Cu.	Cu.
21	S	Calm	SEbyS	NNW	NNW	W	30	43.7	58.7	30.9	163.3	1	Ci.	S.-Cu.	3	A.-Cu.	Fr.-N. E
22	SE	Calm	SE	N	Calm	SSW	30.8	29.8	50.9	49.3	160.8	1	Ci.	S.-Cu.	5	Ci.	Cu.
23	S	Calm	ESE	N	Calm	S	30.8	37.2	55	31.2	154.2	1	------------	Cu.	7	A.-Cu. ENE	S.-Cu.
24	Calm	Calm	WbyN	N	N	S	19.9	24.4	69.4	30.8	144.5	2	Ci.	S.-Cu.	5	A.-Cu.	Cu.
25	SSW	SSW	SE	N	N	W	26.9	42.1	72.4	33	174.4	7	Ci.	Cu.	4	Ci.	S.-Cu.
26	S	S	SW	WNW	S	SSE	28.5	31.9	53.1	33.3	146.8	2	Ci.	Cu.	8	A.-Cu. E	S.-Cu. ENE
27	SSE	SE	ESE	NW	N	SE	64.9	33.8	65.2	41.8	205.7	10	A.-S.	Fr.-N.	8	Ci.-S.	Cu.
28	SE	SE	SE	N	N	N	21.1	40.8	81.3	37.8	181	9	Ci.-S.	Cu.	3	Ci.	Cu.
29	NE	Calm	Calm	N	Calm	Calm	18.5	25.4	58.5	19.1	121.5	2	Ci.-S.	Cu.	9	Ci.-S.	Cu.
30	S	Calm	SSE	S	SSE	S	21.9	28.7	49.9	50.9	151.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	39.4	55	71.6	48.5	214.4	5.4	------------	------------	5.2	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	6,432.4	----	------------	------------	----	------------	------------

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

DECEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.67	59.41	60.43	57.68	58.97	60.09	59.21	22.8	22	31	29.8	27.5	25.4	26.4	33.3	21.6	83	90	60	62	76	83	75.7	------
2	59.01	59.39	60.66	58.62	58.69	59.99	59.39	23.9	23.5	29.5	29	25.1	23.5	25.8	30.3	23.1	88	84	67	71	82	89	80.2	0.3
3	58.52	58.90	59.68	57.43	57.74	59.35	58.60	22.7	22	29.6	32.2	27.1	23.9	26.2	33.3	21.9	89	88	64	50	66	80	72.8	------
4	58.79	58.78	59.74	57.21	57.79	58.98	58.55	22.8	22.5	31	32.7	27.5	24.5	26.8	34	21.9	81	78	51	51	73	80	69	------
5	57.77	58.07	59.07	56.63	56.70	58.30	57.76	23	21.5	30	30.6	27	24.5	26.1	32.4	21	84	90	60	57	76	86	75.5	------
6	57.21	56.75	57.68	54.66	54.66	54.71	55.94	22.5	21	28.8	28.7	27	26	25.7	30.7	20.6	89	95	62	69	72	82	78.2	.8
7	52.10	51.35	51.68	49.02	48.58	49.10	50.30	26.6	26.5	27.1	27	26.5	25.6	26.6	27.7	24	74	84	83	83	83	87	82.3	11.6
8	48.48	49.55	51.94	50.79	52.01	54.02	51.13	25	25	25.9	26.5	26.5	25.1	25.7	27.3	24	88	83	83	83	80	86	83.8	1.9
9	54.10	54.96	56.03	54.40	55.78	57.20	55.41	25.2	24.5	30.4	33.4	27.5	25.1	27.7	33.8	24.4	83	87	68	57	79	90	77.3	------
10	56.85	57.11	58.23	56.21	57.45	58.48	57.39	24.8	24	31.5	31.5	27.5	25.4	27.4	34.8	23.7	89	91	65	65	80	92	80.3	.3
11	57.13	56.87	58.36	56.05	56.31	57.71	57.07	25.4	24.5	24.6	28.7	26.6	25.5	25.9	29.3	24	92	95	95	77	86	91	89.3	2.6
12	56.78	56.93	57.64	55.24	56.09	56.96	56.61	25	24.5	27.5	29.4	27	26	26.6	30.5	24	93	96	85	73	86	91	87.3	.3
13	56.11	56.43	57.65	54.90	55.64	56.80	56.26	24.4	24	27.6	29.7	27.1	26.8	26.6	30.9	23.9	97	96	80	72	86	89	86.7	------
14	56.11	56.57	58.06	55.74	56.03	57.36	56.64	26.5	25.3	28.7	28	26	24.8	26.6	29.9	24.3	90	93	80	80	95	97	89.2	2.3
15	56.70	57.50	58.70	56.32	57.35	58.28	57.48	24.2	23.9	29.6	29.6	27.5	26	26.8	32.2	23.5	97	96	77	68	80	90	84.7	------
16	57.92	58.20	59.15	56.90	57.53	59.23	58.16	24.5	24	30.9	31.4	27.8	27	27.6	34.4	23.5	95	95	69	66	79	87	81.8	------
17	58.95	59.23	60.18	57.88	57.66	58.96	58.81	24.5	23.5	29.4	28.6	27	26.4	26.6	30.5	23.3	95	98	72	74	83	83	84.2	------
18	58.55	59.08	60.24	58.07	58.74	60.47	59.19	25	23	30.1	30.9	26.6	23.4	26.5	32.4	22.8	88	97	64	65	83	72	78.2	------
19	59.77	59.77	61.23	59.10	59.35	60.55	59.96	22.5	21.2	27.5	29.8	26.6	23.5	25.2	32.2	20.9	74	79	62	56	74	82	71.2	------
20	60.10	60.77	61.68	59.25	59.90	61.68	60.56	23.5	23	28	29.4	27	23.6	25.8	31.4	22.7	74	78	66	64	77	80	73.2	------
21	60.60	60.76	62.37	59.63	60.03	61.15	60.76	23.4	22.2	30.5	30	26.7	24.5	26.2	33.4	22	80	88	59	64	74	90	75.8	------
22	60.02	59.76	61.05	58.59	59.23	60.39	59.84	23.2	21.8	28.3	29.8	26.6	23	25.4	31.2	21.4	93	96	74	69	83	82	82.8	------
23	59.85	59.92	61.23	59	59.56	61.04	60.10	22.1	21.4	29.6	29.5	26.5	23.1	25.4	33.2	21	83	82	58	58	75	80	72.7	------
24	60.05	60.15	61.73	59.03	58.93	60.50	60.06	22	21.4	28.5	30.5	27.5	24.3	25.7	32.7	21	83	82	60	58	64	77	70.7	------
25	59.94	60.05	61.15	58.30	59.24	60.40	59.85	23.5	21.9	29.5	29.6	26.8	24.5	26	30.9	21.4	79	89	55	59	77	90	74.8	------
26	59.67	59.11	60.69	57.72	58.29	59.35	59.14	23.1	22.1	30.5	33.5	28	24.7	27	34.3	21.6	91	90	62	49	74	77	73.8	------
27	58.32	58.85	59.43	56.28	56.50	57.65	57.84	22.8	21.7	30	31	27.2	26	26.4	32.2	21.5	88	94	67	61	82	84	79.3	------
28	56.73	56.87	57.94	55.19	56.34	56.99	56.68	24	23	31.2	31.9	28	27.1	27.5	33.4	22.9	93	96	67	55	82	87	80	------
29	56.40	56.79	57.82	55.80	57.59	58.35	57.12	25.1	24.6	30.5	29	27.2	26.8	27.2	32.8	24	95	97	70	75	86	89	85.8	------
30	57.94	58.32	59.42	57.38	58.04	58.92	58.34	25	23.7	29.9	31.1	27.7	27.3	27.4	33.9	23.4	93	97	75	67	82	86	83.3	------
31	58.40	59.03	60.10	57.50	57.94	59.03	58.68	25.3	23.6	30	31.1	27.9	25.1	27.2	32.1	23.4	92	95	67	68	75	87	80.7	------
Mean	57.66	57.91	59.06	56.66	57.25	58.45	57.83	24	23.1	29.3	30.1	27	25.1	26.5	32	22.7	87.5	90.3	68.6	65.4	79	85.4	79.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	20.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	Calm	SSE	N	Calm	SSE	21.4	31.7	62.6	41	156.7	2	Ci.	S.-Cu.	9	Ci.-S.	Cu.
2	Calm	S	SSE	S	SSE	SE	24.3	54.5	73.2	44	196	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
3	S	SSE	SSE	SSE	S	ESE	38.9	71.5	82.9	36.7	230.4	2	Ci.	Cu.	9	Ci.-S. SSE	Cu.
4	S	SSE	S	SE	Calm	S	60	51.3	52.5	73.5	237.3	2	Ci.	Cu.	4	Ci.	Cu.
5	S	SSE	S	S	Calm	S	26.9	30.3	23.3	29.2	109.7	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
6	Calm	S	WbyN	NNW	N	NW	17.9	22	71.6	81.9	193.4	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
7	NNW	NW	NNW	NNW	N	NW	106.5	110.7	88.2	39.2	344.6	10	A.-S.	N. NNE	10	------------	N. NE
8	ESE	ESE	ESE	SE	SE	SE	170.6	239.8	194.7	150.2	755.3	10	------------	Fr.-N. SE	10	------------	N.
9	ESE	SE	SEbyS	SSE	SE	S	132.3	121.5	111	46.7	411.5	8	Ci.-S.	S.-Cu.	3	Ci.	Cu.
10	SSE	SE	SSE	NbyE	NNW	Calm	51.5	76.1	67.9	29.8	225.3	6	Ci.	S.-Cu.	6	Ci.	Cu.-N. S
11	NW	Calm	NE	Calm	Calm	Calm	28.4	15.9	19.9	11.1	75.3	10	A.-S.	Fr.-N.	10	Ci.-S.	Cu.
12	Calm	NEbyE	Calm	NbyW	NW	WNW	10.8	20.6	70	46.7	148.1	10	------------	Fr.-N.	10	Ci.-S.	Fr.-N.
13	Calm	Calm	WbyN	N	N	NNW	6.6	27.6	76.1	75.6	185.9	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
14	Calm	Calm	Calm	N	SE	Calm	28	18.2	36.8	22.5	105.5	10	A.-S.	Fr.-N. N	10	------------	Fr.-N. S
15	Calm	Calm	SE	N	NNW	NNW	10.3	27.6	70.5	28.4	136.8	9	Ci.	S.-Cu.	9	A.-Cu.	Cu.
16	NE	Calm	SSE	NW	N	NW	15.6	40	49.3	35.6	140.5	8	Ci.	S.-Cu.	9	Ci.-S.	Cu.
17	NWbyN	NE	N	NWbyN	NNW	NNW	8.3	66	137.9	69.4	281.6	9	Ci.-S.	S.-Cu. NW	6	Ci.	Cu. NW
18	Calm	Calm	SE	NNW	Calm	S	18.7	34.9	46.9	49.9	150.4	5	Ci.-S.	Cu.	9	Ci.	Cu.-N. SE
19	SSE	SSE	SSE	N	N	SSE	53.6	55.7	37.3	48	194.6	9	Ci.-S.	S.-Cu.	5	Ci.	Cu.
20	SSE	SSE	SSE	N	Calm	S	62.5	44	40.4	32.8	179.7	10	A.-S.	S.-Cu.	9	Ci.-S.	Cu.
21	S	SbyE	S	NNW	NNW	Calm	29	35.9	78.6	35.1	178.6	9	A.-Cu.	S.-Cu.	1	Ci.	Cu.
22	Calm	NE	E	NWbyN	Calm	SSE	13.5	32.8	48.3	73.2	167.8	3	Ci.	Cu.	8	Ci.	Cu. ESE
23	S	SSE	S	N	Calm	SSE	68.1	68.4	65	57.7	259.2	6	Ci.	Cu.	8	Ci.-S. SW	Cu.
24	S	SSE	S	NNW	S	SSE	68.4	29	47	54.4	198.8	9	Ci.	S.-Cu.	7	A.-Cu.	Cu.
25	Calm	Calm	Calm	NW	NNW	Calm	11.5	19.5	81.3	22.7	135	8	Ci.	S.-Cu. E	2	------------	Cu.
26	Calm	Calm	SSE	S	Calm	SSE	13.5	40.2	39.9	38.8	132.4	9	Ci.	Cu.	8	Ci.-S.	Cu.
27	SE	SE	S	NW	NNW	Calm	28.4	26.2	61	41.2	156.8	1	Ci.	Cu.	2	Ci.	Cu.
28	N	NNE	SE	NNW	NNW	NW	16.4	39.4	64.4	54.9	175.1	0	Ci.	Cu.	1	------------	Cu.
29	Calm	Calm	S	NNW	NNW	N	5.4	26.6	85.3	72.4	189.7	6	Ci.	S.-Cu.	8	A.-Cu.	S.-Cu.
30	N	Calm	SE	NNW	N	N	17.5	27.6	86.6	48.1	179.8	8	Ci.	S.-Cu.	4	Ci.	Cu.
31	Calm	NNE	SE	SE	Calm	Calm	15	38.6	39.1	11	103.7	2	Ci.	Cu.	10	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	38.1	49.8	68	48.4	204.4	7	------------	------------	7.2	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	6,335.5	----	------------	------------	----	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

JANUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.02	61.19	62.25	60.50	60.78	61.36	61.18	25.7	22.9	29.5	30.4	26.5	26.1	26.8	31.3	22.4	80	89	63	61	69	80	73.7	------
2	61.06	61.73	62.76	60.36	60.39	60.77	61.18	25.9	23.5	29	30.3	26.1	25.1	26.6	31.2	21.1	81	86	57	58	69	73	70.7	------
3	60.79	60.90	62.58	60.77	61.26	62.17	61.41	20.1	20.9	28.5	31.1	27.2	23.9	25.3	31.5	19	88	87	55	48	68	85	71.8	------
4	61.63	61.58	62.68	61.10	61.71	62.57	61.88	22.1	21.9	30.2	31.9	27.2	26.9	26.7	32.2	21.3	82	80	47	43	70	75	66.2	------
5	61.97	62.09	62.93	60.65	60.91	61.78	61.72	23.7	22.9	30	32	27.6	27.4	27.3	32.9	22.6	81	84	60	52	77	81	72.5	------
6	61.38	61.48	62.40	60.56	60.63	61.64	61.35	26.6	26.6	30.1	28.4	26.6	26.5	27.5	31.8	26.2	81	80	69	80	80	81	78.5	------
7	60.64	60.99	62.24	60.61	60.97	61.68	61.19	26.4	26.1	26.9	27.6	24.9	24.6	26.1	28.5	24.3	81	81	75	67	70	71	74.2	------
8	60.69	61.14	62.46	60.62	60.76	61.49	61.19	24.2	24	27.5	29	25.4	23.1	25.5	29.5	21.6	72	72	60	55	67	82	68	------
9	60.58	60.86	62.52	59.86	60.51	61.72	61.01	21.4	20	29.1	31.1	27	22.9	25.2	31.5	19.6	87	92	58	54	72	83	74.3	------
10	60.52	60.99	62.98	60.67	61.57	62.53	61.54	24.5	24.2	29.4	30.6	27	26.4	27	31.5	23.5	79	82	63	62	77	79	73.7	------
11	62.03	62.34	63.95	61.90	61.83	62.76	62.47	26	25.5	30	30.5	26.6	26	27.4	31.2	24.1	84	85	65	65	80	84	77.2	------
12	61.37	61.82	63.46	61.70	62.34	63.17	62.31	25.6	23.7	29.5	29.6	25.9	25.7	26.7	30.5	22.4	85	86	66	64	73	78	75.3	------
13	62.58	62.79	63.95	62.35	62.77	63.79	63.04	25.4	22	29.9	31.6	27	25.8	27	32	21.6	79	88	62	55	72	84	73.3	------
14	63.29	63.06	64.13	62.41	62.37	63.27	63.09	24	21.1	30.1	31	27	23.5	26.1	32.5	21.1	86	91	55	59	72	85	74.7	2.5
15	63	63.20	64.70	62.66	62.89	64.27	63.45	21.6	21.6	29.1	30.6	27.1	23.5	25.6	31.5	21.4	86	87	55	55	75	83	73.5	------
16	63.99	64.13	65.58	63.90	64.44	65.31	64.56	23.7	22.1	29.5	30.2	26.1	25.7	26.2	31.4	21.9	73	77	51	55	75	79	68.3	30.5
17	64.52	64.88	65.76	63.22	63.29	64.19	64.31	25.5	22.5	27.6	29.3	26	23	25.6	30.1	21.9	80	92	69	68	78	83	78.3	------
18	63.61	64.15	64.93	63.47	63.43	63.81	63.90	22.8	21.5	29.1	30	26.2	25.6	25.9	30.6	21	83	86	64	60	78	79	75	------
19	62.83	63	63.45	61.47	62.01	62.67	62.57	25.4	21.5	29.1	31	26.5	26	26.6	31.5	21.5	82	93	64	57	80	79	75.8	------
20	61.99	61.87	62.52	60.23	60.61	61.64	61.48	25.5	25	27.6	28.1	25.7	25.1	26.2	28.9	24.6	80	80	68	68	78	79	75.5	------
21	61.04	61.54	62.52	60.50	60.89	62.26	61.46	24.7	22.2	29	29.5	26	25.8	26.2	30.4	21.6	82	90	68	68	81	79	78	------
22	61.66	62.32	63.63	61.35	61.74	62.46	62.19	25.7	25.5	27.5	28.1	26	25.8	26.4	29.5	25.2	81	82	77	77	82	82	80.2	------
23	61.86	61.87	62.96	60.81	61.08	61.81	61.73	25.6	25.5	29.1	30.1	26.5	26	27.1	30.7	25.1	84	84	68	68	76	79	76.5	------
24	60.97	60.93	61.81	60.22	60.64	61.87	61.07	23.6	22.1	27.1	28.1	26.2	23.3	25.1	31.4	21.2	85	91	65	63	75	82	76.8	------
25	61.61	62.09	63.11	61	60.67	61.74	61.70	23	20.1	29	30.6	26.5	24	25.5	31.2	19.9	83	92	64	60	80	85	77.3	------
26	61.24	61.70	62.76	60.60	60.80	61.72	61.47	22.9	20.8	28.9	31.3	28.1	24.5	26.1	31.8	20.1	85	94	65	52	73	88	76.2	------
27	60.93	61.15	62.47	60.38	60.51	61.78	61.20	23.1	23	29.4	30.3	27.1	26.6	26.6	31.7	22.8	86	86	66	67	74	75	75.7	------
28	60.84	60.91	62.50	60.46	60.58	61.71	61.17	26.2	25.9	29.5	29.8	26.7	26.4	27.4	30.5	25.5	76	78	64	67	80	81	74.3	------
29	60.94	60.93	62.16	60.40	60.53	61.73	61.12	26.1	22.6	31.2	31.7	27.5	24.6	27.3	32.5	22.4	84	95	58	61	76	88	77	------
30	61	60.90	62.48	60.69	61.53	62.44	61.51	23.4	23	28.5	31	27.5	24.6	26.3	31.7	22.1	88	93	68	61	80	85	79.2	------
31	61.49	61.49	62.56	60.67	60.78	62.18	61.53	23.9	23.6	29.8	31	27.5	26.4	27	32.5	23.2	83	83	57	63	77	81	74	------
Mean	61.71	61.94	63.14	61.16	61.46	62.40	61.97	24.3	23	29.1	30.2	26.6	25.2	26.4	31.2	22.3	82.2	86	62.8	61.1	75.3	80.9	74.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	33

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NE	3	SSE	2	ENE	3	NNE	4	NNE	4	NNE	5	5	Ci.	Cu.	4	Ci.	Cu. NNE
2	NNE	5	NE	2	NE	4	NNE	4	NNE	4	NNE	4	2	------------	Fr.-Cu.	1	------------	Cu.
3	SSE	1	SSE	2	SE	5	ESE	5	NNE	4	SSE	2	1	------------	S.-Cu.	1	Ci.	Cu.
4	SE	3	SE	3	SE	5	SE	4	NNE	4	NNE	3	2	Ci.	S.-Cu.	8	A.-Cu.	S.-Cu.
5	SE	2	SE	2	SE	4	NNE	4	N	4	NNE	3	10	------------	S.-Cu.	6	Ci.-S.	S.-Cu.
6	NNE	4	NNE	4	NE	4	NNE	5	NNE	4	NNE	5	10	Ci.-S.	Cu. NNE	10	Ci.	N.-cf. NNE
7	NNE	4	NNE	5	NNE	5	NNE	6	NNE	5	NNE	6	10	Ci.	Cu. NNE	10	A.-Cu.	Cu. NNE
8	NNE	5	NNE	5	NNE	5	N	4	N	3	SE	1	10	Ci.	Fr.-Cu. NNE	10	Ci.	Fr.-Cu.
9	SE	1	SE	1	E	3	ENE	4	NNW	3	SSE	2	2	Ci.	Cu.	1	Ci.	Cu.
10	SE	5	SE	5	SE	5	ENE	4	N	4	NNE	4	1	Ci.	Cu.	1	------------	Fr.-Cu.
11	NNE	4	NE	3	NNE	4	NNE	4	N	4	NNE	4	10	Ci.-S.	S.-Cu.	1	------------	Cu.
12	NNE	4	NNE	4	NNE	4	NNE	4	NNE	4	NNE	5	9	Ci.	Cu.	7	Ci.	Fr.-Cu. NNE
13	NNE	5	ESE	1	E	4	NNW	4	N	4	NNE	3	7	Ci.	Cu. NNE	1	------------	Cu.
14	SE	2	SE	2	SSW	4	NNE	4	NNE	4	SSE	2	9	------------	S.-Cu.	8	A.-Cu.	S.-Cu.
15	SSE	2	SSE	2	SE	4	NNE	4	NNW	3	SSE	2	10	Ci.	S.-Cu.	8	A.-Cu.	S.-Cu.
16	SSE	4	SE	3	SE	5	N	4	NNE	5	NNE	7	8	Ci.	S.-Cu.	10	Ci.	Cu.
17	NNE	5	S	2	SSW	3	NNE	4	NNE	4	SSE	2	10	------------	N.-cf.	10	Ci.-S.	Cu.
18	SSE	3	SSE	2	SE	4	NNE	4	NNE	4	NNE	4	7	Ci.	Cu.	7	Ci.	Cu.
19	NNE	3	ESE	1	ESE	4	N	4	NNW	4	NNE	5	2	A.-Cu.	Cu.	1	------------	Cu.
20	NNE	5	NNE	5	NNE	4	NNE	4	NNE	4	NNE	4	10	------------	Cu. NNE	2	A.-Cu.	Cu.
21	NNE	3	ESE	1	SE	4	N	4	N	4	NNE	4	6	------------	Cu.	1	------------	Cu.
22	NNE	4	NNE	5	NNE	4	NNE	5	N	4	NNE	5	9	------------	Cu. NNE	9	------------	Cu. NNE
23	NNE	4	NNE	4	NNE	4	N	4	NNE	6	NNE	6	9	A.-Cu.	Cu. NNE	5	------------	Fr.-Cu. NNE
24	SE	2	SE	2	SE	4	NNE	4	NNE	4	SSE	1	10	------------	S.-Cu.	10	Ci.-S.	S.-Cu.
25	SSE	3	SE	1	SE	4	NNE	4	NNE	4	SE	1	2	------------	Cu.	2	Ci.	Cu.
26	SSE	3	S	1	SSE	4	E	4	N	3	SE	2	10	------------	S.-Cu.	10	------------	S.-Cu.
27	SSE	3	SSE	3	SE	4	NNE	4	N	4	N	4	1	------------	S.-Cu.	1	------------	Cu.
28	NNE	4	NNE	4	NNE	4	NNE	4	NNE	4	NNE	5	1	------------	Cu.	2	------------	Fr.-Cu.
29	NNE	4	ESE	1	S	4	NW	4	NNW	3	SE	1	1	------------	S.-Cu.	1	------------	Cu.
30	S	2	S	1	ESE	4	W	4	S	1	SSE	2	10	------------	S.-Cu.	5	A.-Cu.	S.-Cu.
31	SSE	4	SSE	4	S	4	WNW	4	WNW	4	N	3	10	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
Mean	-------	3.4	-------	2.7	-------	4.1	-------	4.2	-------	3.9	-------	3.5	6.6	------------	------------	5.1	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, −1.65 mm.]

FEBRUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.53	61.70	63.01	61.11	61.35	61.86	61.76	22.9	21.5	29.2	32	27.6	26.4	26.6	32.8	21.4	87	95	66	61	77	79	77.5	------
2	61.04	60.93	61.60	59.87	59.58	60.61	60.60	22.6	21.2	29.5	30.5	27.1	24.1	25.8	32.1	21	88	95	66	59	77	91	79.3	------
3	59.22	59.45	60.88	58.87	59.31	60.47	59.70	22.5	22	29	31	27	22.9	25.7	32	21.1	95	95	67	61	72	91	80.2	------
4	59.78	59.85	61.16	59.85	59.93	60.84	60.24	20.5	22.1	29	30.6	27.2	26.1	25.9	31.2	20.4	95	94	67	63	75	77	78.5	------
5	60.73	61.16	62.16	59.99	60.55	61.63	61.04	25.7	25.6	29.5	30.8	27.5	26.1	27.5	32	25.4	81	82	68	65	74	81	75.2	------
6	60.76	61.12	62.17	59.92	60.11	60.59	60.78	25.3	23.2	29.9	31	27.1	26	27.1	32.1	22.5	87	88	66	59	74	81	75.8	------
7	59.80	60.01	61.28	59.52	59.73	61.20	60.26	22	22.5	30.1	31.1	27.2	23.9	26.1	31.5	21.2	96	92	59	62	75	87	78.5	------
8	60.68	60.93	62.27	60.29	60.55	61.83	61.09	22.5	23.1	30	32.5	28	23.9	26.7	32.8	21.5	92	92	65	49	70	89	76.2	------
9	61.23	61.33	62.70	60.40	60.26	61.29	61.20	23.1	25.5	29.8	32.8	27.9	24.2	27.2	33	22.5	91	85	67	45	77	90	75.8	------
10	60.70	60.85	61.52	59.05	59.55	60.36	60.34	20.5	21	29.5	30.4	28	25.4	25.8	32.3	18.9	95	91	56	61	73	88	77.3	------
11	59.88	59.95	60.81	59.12	59.34	60.78	59.98	22.8	21.5	28.7	30.5	27.5	27	26.3	31.5	21	93	95	76	66	78	80	81.3	------
12	60.18	60.06	61.68	60.02	59.88	60.79	60.44	26.6	26.1	30	30.1	27.2	26.5	27.8	31.9	26	82	84	67	68	73	78	75.3	------
13	60.02	60.24	61.62	59.50	59.13	60.41	60.15	23.5	23.6	31.5	32.1	28	25	27.3	34.1	22.3	89	88	61	60	74	83	75.8	------
14	59.84	60.39	62.17	60.57	61.27	62.48	61.12	23.8	23.6	31.4	32.1	28.5	25.6	27.5	33.4	22.9	86	85	53	57	73	84	73	------
15	61.88	62.51	63.73	61.80	61.80	62.51	62.37	23.5	22.5	31	32.5	27.7	26.7	27.3	33.1	21.4	87	82	53	54	66	72	69	------
16	62.08	62.15	63.35	61.35	61.20	61.96	62.02	24.1	22.4	30.1	31.6	27.6	24	26.6	32.9	21.9	86	91	49	57	73	86	73.7	------
17	61.28	61.76	63.41	61.04	60.79	61.43	61.62	23.5	22.1	29.6	31.9	27.3	26.2	26.8	32.5	21.4	83	88	51	50	74	75	70.2	------
18	60.86	60.96	62.76	61.17	61.23	62.84	61.64	25.8	25.6	30.2	31.6	27.4	26.1	27.8	32.1	25.4	76	77	61	59	73	75	70.2	------
19	62.27	62.47	63.96	62.28	62.39	62.92	62.72	25.6	24.6	30.5	31	26	25.2	27.2	32	24.4	78	79	61	62	78	79	72.8	------
20	61.47	61.58	63.21	61.48	61.83	62.77	62.06	25.1	25.1	29	29.5	26	25.7	26.7	30.5	24.6	77	77	65	64	76	83	73.7	------
21	61.58	61.70	62.96	61.06	61.16	62.01	61.74	25.3	25	29	31.6	27.6	24.9	27.2	32.2	22.8	79	83	67	57	73	83	73.7	------
22	61.38	61.59	62.77	61.33	61.42	62.40	61.82	22.6	20.6	31.1	29.2	27.1	22.9	25.6	31.7	20.4	91	95	58	72	77	84	79.5	0.3
23	61.90	62.05	63.12	60.94	61.16	62.31	61.91	23.1	23	31.1	32.8	27.9	24.6	27.1	33.3	22.6	87	91	57	48	77	87	74.5	------
24	61.53	61.70	62.90	60.94	60.61	61.94	61.60	24	21.6	30.5	31.5	27.6	25.2	26.7	33.3	21.6	90	91	56	59	80	88	77.3	------
25	61.64	61.73	62.75	60.20	60.57	61.91	61.47	22.1	22.9	30.6	35.1	28.1	24.5	27.2	36	19.4	90	76	47	30	70	85	66.3	------
26	61.05	61.48	62.71	60.66	60.34	61.43	61.28	21.1	22.5	29.5	34	28.6	23.5	26.5	34.7	20.9	93	82	56	42	61	86	70	------
27	60.59	61.18	62.52	60.68	60.34	61.84	61.19	23	20.8	30.5	31.6	27.5	26.7	26.7	33.3	20.4	84	93	58	59	80	79	75.5	------
28	61.54	62.09	63.21	60.48	59.78	61.53	61.44	26.4	26.1	29.5	29.5	26.6	25.5	27.3	31.5	24.3	79	77	62	65	80	87	75	------
Mean	60.94	61.18	62.44	60.48	60.54	61.60	61.20	23.6	23.1	30	31.5	27.5	25.2	26.8	32.6	22.1	87	87.2	60.9	57.6	74.3	83.1	75	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	1	SSE	1	SSE	4	NNW	4	N	4	N	4	10	Ci.-S.	Cu.	2	Ci.	Cu.
2	ESE	1	ESE	1	SE	4	W	4	W	4	S	1	7	Ci.	S.-Cu.	7	Ci.	Cu. S
3	SSE	1	SSE	2	SE	4	WNW	5	WSW	3	S	1	10	------	S.-Cu.	5	------	Cu. S
4	S	1	S	2	E	4	NW	4	W	3	NW	3	3	Ci.	Cu.	2	Ci.	Cu.
5	NNE	3	NNE	4	ESE	4	NNE	4	NNW	4	NNW	3	10	------	Cu. NE	1	------	Cu.
6	NNE	2	S	2	N	3	NW	4	NNW	4	N	3	2	A.-Cu.	S.-Cu.	1	------	Cu.
7	S	1	SSE	2	SSE	4	WNW	4	W	4	SSE	1	1	------	S.-Cu.	7	Ci.	Cu.
8	SSE	1	SSE	2	SSE	4	E	4	WNW	4	SSE	1	8	Ci.	Cu.	1	Ci.	Cu.
9	SSE	1	NNE	3	SE	4	ENE	4	NNE	3	SSE	1	10	------	Cu. NNE	1	Ci.	Cu.
10	SSE	1	SSE	3	SE	4	N	4	NNW	3	SSE	1	4	Ci.	S.-Cu.	3	Ci.-S.	Cu.
11	SSE	1	SSE	1	N	4	N	5	NNE	4	NNE	5	2	Ci.	Cu.	1	------	Cu.
12	NNE	4	NNE	4	NNE	4	N	5	NNE	5	NNE	5	8	A.-Cu.	S.-Cu.	2	------	S.-Cu.
13	SSE	2	SSE	4	SE	4	N	4	N	4	S	1	9	A.-Cu.	S.-Cu.	1	Ci.	Cu.
14	SSE	2	SSE	4	SE	5	N	4	N	4	SSE	1	2	Ci.	S.-Cu.	1	------	Cu.
15	SSE	2	SSE	4	SSE	5	NNW	4	N	4	N	4	2	Ci.	S.	1	------	Cu.
16	SSE	1	SSE	2	SSE	5	WNW	4	WNW	4	SSE	2	1	------	Cu.	1	------	Cu.
17	SSE	4	SSE	2	SE	4	NW	4	N	4	N	4	2	------	Cu.	1	------	Cu.
18	N	4	N	4	ESE	4	NNW	4	NW	4	N	4	8	------	N.-cf. NNE	2	------	Cu.
19	N	4	N	4	NNW	4	N	4	N	5	N	6	2	------	Fr.-Cu.	9	------	Cu. N
20	N	5	N	5	N	5	N	5	N	5	N	5	8	------	Cu. NNE	9	------	Fr.-Cu. N
21	NNE	5	NNE	3	NNE	4	NNW	4	NW	4	SSE	1	9	Ci.-S.	Cu. NNE	2	------	S.-Cu.
22	SSE	1	SSE	1	SSE	4	W	4	W	2	S	2	1	------	S.	10	------	N.-cf.
23	SSE	4	SSE	3	SSE	4	E	4	NNE	3	S	2	10	Ci.-S.	S.-Cu.	10	A.-Cu.	S.-Cu.
24	SSE	2	SSE	2	SSE	4	N	4	N	4	SE	1	3	Ci.	Cu.	2	Ci.-S.	Cu.
25	SSE	2	SSE	5	SSE	7	SSE	5	WNW	4	SSE	2	1	A.-S.	S.	1	------	Cu.
26	SSE	2	SSE	4	SE	5	N	4	NNW	4	SSE	1	1	Ci.	Fr.-S.	1	------	Cu.
27	SSE	4	SSE	1	SE	4	N	4	N	4	N	5	2	Ci.	Cu.	5	Ci.	Cu.
28	N	6	N	6	N	4	N	5	N	5	ESE	1	10	------	S.-Cu.	1	------	Cu.
Mean	------	2.4	------	2.9	------	4.2	------	4.2	------	3.9	------	2.5	5.2	------	------	3.2	------	------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

MARCH, 1915.

Day.	Atmospheric pressure, 700 mm. + 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.85	61.33	62.76	60.66	60.81	62.73	61.52	23.2	20.6	30	33	27.7	25.4	26.6	33.6	20.4	91	94	54	50	73	82	74	------
2	62.15	62.40	63.90	62.05	61.43	62.58	62.42	24.5	22	30	31	27	25.7	26.7	31.9	21.9	87	91	62	65	77	85	77.8	------
3	61.68	62.10	63.30	61.14	61.48	62.77	62.08	23.9	22.5	31.1	31.7	27.9	26.5	27.3	34.9	22.1	87	91	47	61	74	81	73.5	------
4	62.07	62.79	64.21	62.35	62.08	63.12	62.77	23.3	23.1	30.5	32.6	28.5	27	27.5	34.4	23	81	83	62	56	75	84	73.5	------
5	62.74	63.17	63.77	61.78	61.22	62.44	62.52	25	23	30.5	31.1	27.5	24.9	27	32.6	22.4	87	93	66	68	76	83	78.8	------
6	61.90	62.06	62.70	60.34	60.65	61.76	61.57	23.5	23	31.7	31.6	28	26.5	27.4	33.5	21.6	88	74	48	62	77	84	72.2	------
7	61.18	61.22	62.83	60.91	60.67	62.31	61.52	23.5	22.6	31	32.6	28.5	24.8	27.2	33.8	21.9	87	82	53	56	65	85	71.3	------
8	62.09	62.20	63.85	61.92	61.92	62.78	62.46	22.8	22.5	31	31.4	27.5	26.1	26.9	32.6	22.1	90	93	69	66	78	84	80	------
9	62.08	62.18	63.16	60.55	61.43	63.39	62.13	23.2	21	31.4	31.6	28.6	27	27.1	33.9	20.8	90	93	49	57	76	83	74.7	------
10	62.87	63.04	64.27	62.16	62.06	63.52	62.99	26.7	23.5	30.6	31.5	27.9	27	27.9	32.5	23.1	86	91	60	57	73	77	74	------
11	62.31	62.34	63.41	60.48	60.01	61.17	61.62	26.2	26	30.6	31.1	27.9	26.6	28.1	32.5	24.8	79	82	65	66	78	83	75.5	------
12	60.17	60.25	61.17	58.90	58.61	60.12	59.87	23.7	23	32.5	30.9	27.7	24.7	27.1	33.5	22.5	90	84	50	63	71	85	73.8	------
13	59.61	60.39	61.78	59.94	60.03	61.34	60.52	23.4	22.5	30.1	31.5	28	24	26.6	32.4	22.1	88	92	68	63	73	86	78.3	------
14	60.65	61.09	62.28	60.41	60.83	62.09	61.22	23	23.1	30.6	31.6	27	26.4	27	32.5	22.5	91	95	65	66	78	84	79.8	------
15	61.30	61.55	62.87	60.51	60.68	62.53	61.57	23.9	23.1	31.5	34.1	28.3	25.5	27.7	34.6	22.3	91	96	53	50	72	84	74.3	------
16	61.15	61.22	62.62	60.31	59.93	61.96	61.20	22.3	23.4	31.9	32	28.9	25.1	27.3	33.5	21.9	92	80	48	52	69	84	70.8	0.8
17	61.09	61.48	62.80	60.96	60.93	62.34	61.60	25.7	24	30.5	31.6	27	26	27.5	32.5	23.9	88	92	72	63	77	79	78.5	.5
18	61.75	61.72	63.17	61.58	61.73	63.19	62.19	25.2	25.1	30.4	30.4	26.5	26	27.3	31.8	25	83	83	61	63	75	79	74	------
19	62.47	62.92	64.43	62.76	62.72	63.88	63.20	25.2	25	28.5	30	25.7	25	26.6	30.5	24.6	80	80	68	62	72	76	73	------
20	62.78	62.44	63.11	61.02	60.71	62.01	62.01	24.5	24	29.5	31	27.5	26.5	27.2	31.5	23.9	79	80	63	58	73	80	72.2	------
21	61.03	60.78	61.95	60.37	60.16	61.47	60.96	25.2	24	30.6	31.1	27.5	24.1	27.1	31.9	23.8	82	85	57	63	73	86	74.3	------
22	59.99	59.97	61.31	59.70	59.88	61.53	60.40	24.5	24	31.3	30.7	28.4	26.5	27.6	32.1	23.6	87	88	62	65	75	83	76.7	------
23	60.74	60.70	62.43	60.31	60.65	62.72	61.26	24.1	23	31.1	31.9	28.1	27.1	27.6	33.5	23	91	95	60	60	80	83	78.2	------
24	61.72	62.04	63.06	61.21	61.36	62.53	61.99	26.5	26.5	32.4	31.6	28	27	28.7	33	26.1	85	86	64	68	82	84	78.2	------
25	61.59	61.59	62.86	60.81	60.44	61.19	61.41	26.4	26.1	29.4	30	26.6	26.4	27.5	32	25.9	86	87	71	71	81	81	79.5	------
26	59.81	60.36	61.90	59.89	59.99	61.53	60.58	25.9	25.9	30.4	32.1	27.6	26.1	28	32.8	24.2	85	85	70	63	77	84	77.3	------
27	60.85	60.53	61.47	59.69	59.78	61.67	60.66	23.7	23.1	32	31.8	28.4	26.8	27.6	35.3	22.3	91	95	53	65	76	83	77.2	------
28	60.72	60.83	62.27	59.80	60.15	62.37	61.02	25.5	25	31.6	33.6	28.5	27.5	28.6	35.3	24.7	83	83	53	47	75	83	70.7	.1
29	61.66	61.38	62.88	60.95	61	62.29	61.69	26.6	23.6	31.2	31.6	28.4	26.7	28	34.1	23.3	87	91	62	61	79	81	76.8	------
30	61.34	61.36	62.36	60.41	60.83	61.82	61.35	26.2	25	32.1	33.4	28.8	27.4	28.8	34.5	24.9	84	92	59	62	78	85	76.7	------
31	60.71	60.62	61.55	59.76	59.90	61.51	60.68	24.8	25.1	32.4	33.2	29.5	27.1	28.7	34.6	24.7	88	87	58	62	78	87	76.7	------
Mean	61.39	61.55	62.79	60.76	60.78	62.21	61.58	24.6	23.7	30.9	31.7	27.9	26.1	27.5	33.2	23.2	86.6	87.8	59.7	61	75.4	82.8	75.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1.4

Day.	Wind. 2 a. m. Direction.	Force.	6 a. m. Direction.	Force.	10 a. m. Direction.	Force.	2 p. m. Direction.	Force.	6 p. m. Direction.	Force.	10 p. m. Direction.	Force.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	1	SSE	1	SE	4	N	4	N	4	SE	2	10	Ci.	S.-Cu.	2	A.-Cu.	Cu.
2	SE	1	SE	2	E	4	N	4	N	4	NNE	2	10	Ci.-S.	S.-Cu.	1	Ci.	Cu.
3	SSE	1	S	1	SSE	5	W	4	WNW	4	W	2	10	Ci.	S.-Cu.	2	Ci.	Cu.
4	SSE	3	SSE	3	SE	4	NNW	4	NW	4	N	4	10	Ci.-S.	S.-Cu.	10	Ci.	Cu.
5	NE	2	SSE	1	E	4	N	4	NNW	4	SSE	2	5	Ci.-S.	Cu. NE	1	------------	Cu.
6	SSE	1	SSE	4	SE	5	W	4	WNW	4	SSE	1	1	A.-S.	S.-Cu.	1	------------	Cu.
7	SSE	1	SSE	4	SE	4	NW	4	NNW	3	S	1	1	------------	S.	1	------------	Cu.
8	S	1	S	1	N	4	N	4	N	5	N	4	5	Ci.	Cu.	1	------------	Cu.
9	S	1	S	1	SE	5	N	5	W	4	NW	2	2	A.-S.	S.	1	------------	Cu.
10	N	2	SSE	1	NNE	4	N	4	N	4	N	5	7	------------	S.-Cu.	1	------------	Cu.
11	N	4	N	4	N	4	NNW	4	NNW	3	N	3	2	A.-S.	S.	3	Ci.	Cu.
12	SSE	1	SSE	3	SE	4	W	4	W	4	SSE	2	2	Ci.-S.	S.	4	Ci.	Cu.
13	S	1	S	1	W	4	W	4	W	4	S	1	10	Ci.-S.	Cu.	10	Ci.	Cu.
14	S	1	Calm	----	N	4	NNW	4	N	4	N	3	9	Ci.	S.-Cu.	10	Ci.-S.	S.-Cu.
15	SSE	1	SSE	1	SE	5	W	3	N	4	SSE	3	3	A.-S.	S.	1	------------	Cu.
16	SSE	1	SSE	3	E	4	N	4	W	3	S	2	1	Ci.-S.	Cu.	3	Ci.-S.	Cu.
17	SSE	2	SSE	1	N	4	NNW	4	N	5	N	6	8	A.-S.	Cu. N	7	------------	Fr.-Cu. N
18	N	6	N	5	N	4	NNW	4	N	4	NW	4	10	Ci.	Cu. NNE	10	Ci.-S.	Cu.
19	N	4	N	4	N	4	N	4	N	5	N	5	10	------------	S.-Cu.	10	Ci.	Fr.-Cu. N
20	N	4	WNW	4	NNW	3	WNW	4	WNW	4	NW	3	10	Ci.	Cu.	1	------------	Cu.
21	SSE	1	SSE	2	SSE	4	WNW	4	WNW	4	SSE	1	10	A.-S.	S.-Cu.	1	------------	Cu.
22	SSE	1	S	2	WNW	4	W	4	NW	4	NW	2	9	Ci.-S.	S.-Cu.	10	Ci.	Cu. SSE
23	S	1	SE	1	E	4	N	4	N	4	N	4	8	Ci.	Cu.	2	Ci.	Cu.
24	N	4	N	4	E	4	N	4	N	4	N	5	10	Ci.-S.	Cu. NNE	4	Ci.	Cu. NNE
25	N	5	N	4	N	5	N	5	N	5	N	5	10	Ci.	Cu. NNE	10	------------	Cu. N
26	N	4	N	4	N	4	NNW	4	NNW	4	NE	3	6	Ci.-Cu.	S.-Cu.	2	Ci.	Cu.
27	SSE	2	SSE	2	SE	5	W	4	NNW	4	SSE	1	5	Ci.-S.	S.-Cu.	10	Ci.-Cu.	Cu.
28	SSE	4	SSE	3	ESE	5	SE	6	N	3	N	4	10	Ci.-S.	S.-Cu.	10	Ci.-Cu.	S.-Cu.
29	NE	3	SSE	2	SE	4	N	4	N	4	N	6	10	Ci.	Cu.	4	Ci.	Cu.
30	N	4	SSE	1	SE	5	WNW	4	NW	4	ESE	1	10	Ci.	S.	8	Ci.-Cu.	Cu.
31	SE	2	SSE	2	SE	5	WNW	4	NW	4	N	4	10	Ci.-S.	S.-Cu.	10	Ci.	Cu.
Mean	-------	2.3	-------	2.3	-------	4.3	-------	4.1	-------	4	-------	3	7.2	------------	------------	4.9	------------	------------

BOLINAO.

[φ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

APRIL, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.51	60.09	60.89	58.72	58.37	59.66	59.71	25.7	24	32.1	33.9	29.5	27.5	28.8	34.5	23.7	90	93	64	59	72	84	77	------
2	58.90	59.18	59.56	58.38	58.70	60.17	59.15	26.4	25	34.4	33.1	29.4	26.2	29.1	35	24.6	90	93	61	67	76	90	79.5	------
3	59.59	59.43	60.96	59.15	59.03	60.91	59.84	24.6	25	30.5	32.6	29.2	27	28.2	33.1	24.5	93	95	76	70	78	89	83.5	------
4	59.88	59.72	60.67	58.72	59.55	61.28	59.97	25.4	25.2	33.6	33.8	30	26.6	29.1	34.7	24.6	92	95	61	64	75	87	79	------
5	60.51	60.67	61.67	59.90	60.35	61.28	60.73	25.5	25	31.9	33.6	30.2	26.2	28.7	34.7	24.8	91	94	72	64	77	84	80.3	------
6	60.79	61.24	62.09	59.93	59.72	61.16	60.82	25.5	26	32.9	33.6	29.7	28.1	29.3	35	25.1	92	93	68	62	77	85	79.5	------
7	60.86	61.53	62.57	61.64	61.78	61.69	61.68	25.6	23.6	32.2	33.1	28.6	26.5	28.3	34.7	23.5	91	95	71	63	80	84	80.7	------
8	60.84	61.14	62.16	59.64	59.61	61.62	60.84	26.6	26.9	32.9	32.6	29.6	27.5	29.4	35.1	23.1	83	82	61	64	71	85	74.3	------
9	60.64	61.20	62.55	60.20	60.49	61.47	61.09	25.1	22.6	32.5	34.2	30	25.9	28.4	35.2	22.6	88	89	55	58	69	85	74	------
10	60.79	61.32	62.34	59.49	59.47	60.88	60.72	25.3	23.6	32.5	32.6	29.9	28.1	28.7	34	22.9	86	87	64	66	78	84	77.5	------
11	59.88	59.61	60.67	58.69	59.05	61.13	59.84	25.7	26	33.1	33.6	30.1	28.5	29.5	34.9	25.6	82	78	55	61	75	85	72.7	------
12	60.43	60.37	61.27	58.93	59.47	61.57	60.34	27.9	25.2	32.8	34.6	29.9	28.2	29.8	36.5	25	84	97	60	59	75	85	76.7	------
13	61.38	61.33	62.14	60.05	60.41	61.88	61.20	26.5	24.2	33	33.1	29.6	28.5	29.2	36.7	23.5	86	90	61	58	71	75	73.5	------
14	59.94	60.56	61.70	60	59.41	60.88	60.42	26.5	23.5	34	33.5	29.6	27.2	29	34.8	23	86	91	41	54	74	83	71.5	------
15	60.02	59.98	60.61	58.85	58.56	60.06	59.68	25.5	25	34.3	33	29.5	26.5	29	34.7	24.5	84	72	40	56	71	82	67.5	------
16	59.15	59.44	60.59	58.45	57.91	59.43	59.16	25.2	26.3	33	34	30	27	29.2	34.5	24.3	83	82	50	56	68	80	69.8	------
17	58.08	59.087	58.76	56.62	56.99	58.56	58.02	25.2	25	33	33.2	29	27	28.7	34.6	24.9	85	83	47	58	68	79	70	------
18	58.27	58.46	59.10	57.95	57.65	59.36	58.46	25.6	26	33	33.7	30	28.5	29.5	34.1	25.2	79	84	52	56	65	78	69	------
19	59.13	59.48	60.22	58.80	59.55	60.46	59.61	26	25.7	34	34.5	30.5	29.2	30	35.6	25.3	92	83	43	51	65	70	67.3	------
20	60.10	60.58	61.01	59	59.41	60.91	60.17	27	26	34	34.5	31.3	28.5	30.2	35.7	25.4	79	88	51	54	64	71	67.8	------
21	59.97	60.13	60.81	59.01	59.46	60.77	60.02	27.2	26.2	34.2	34.8	31.5	29.4	30.6	36.3	26.2	70	67	40	55	63	68	60.5	------
22	59.53	60.14	60.54	59.12	59.34	60.81	59.91	26.5	25.2	34.6	35	30.5	28.8	30.1	36.2	24.5	84	79	46	57	70	75	68.5	------
23	59.76	60.03	61.26	59.32	59.79	61.16	60.22	27.3	26.5	33.7	36.6	30	28.7	30.5	37.7	26.5	73	80	45	31	67	74	61.7	------
24	60.33	60.64	61.69	59.39	59.41	61.07	60.42	27.4	26.9	33.5	32.6	29.4	27.1	29.5	34	25.7	70	72	53	59	71	77	67	------
25	60.04	60.38	60.79	58.19	58.62	60.13	59.69	24.7	25.5	33.4	36.6	30	27.6	29.6	37.7	24.6	79	69	44	31	69	77	61.5	------
26	59.28	59.40	60.42	58.32	57.86	59.47	59.12	25	24.6	33.9	35.1	30.5	28.9	29.7	36.5	22.6	83	74	44	44	63	78	64.3	------
27	58.67	59.05	59.73	57.43	57.69	59.90	58.74	27.2	26.4	33.5	36.6	30.9	29.6	30.7	37.9	26.2	83	78	46	31	67	71	62.7	------
28	59.02	58.91	59.91	58.55	58.50	59.87	59.13	27.1	25.5	34.5	34.9	30.5	28.6	30.2	37.5	25.1	77	73	44	52	76	80	67	------
29	59.03	58.92	59.43	57.70	57.76	59.22	58.68	26.9	25.1	34.3	34	30.1	28.6	29.8	35	25.1	84	90	61	63	78	80	76	------
30	58.44	58.45	59.08	57.58	57.45	58.90	58.32	26.2	25.5	32.6	33.6	30.6	29.6	29.7	34.7	25.4	87	92	69	65	74	81	78	------
Mean	59.79	60.02	60.84	58.92	59.05	60.52	59.86	26.1	25.2	33.3	34	30	27.9	29.4	35.4	24.6	84.2	84.6	54.8	56.3	71.6	80.2	71.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	1	SSE	1	N	4	NW	4	NNW	4	N	3	10	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
2	S	1	S	2	SE	4	W	4	W	4	SE	1	7	Ci.	Fr.-Cu.	3	Ci.-S.	Cu.
3	SSE	1	SSE	2	NNW	4	WNW	4	W	4	SE	1	9	Ci.-Cu.	S.-Cu.	9	Ci.	Cu.
4	SSE	1	S	1	S	4	W	5	W	3	S	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
5	S	1	S	1	NW	4	WNW	4	NW	3	S	1	10	Ci.	S.-Cu.	10	Ci.	Cu.
6	SSE	1	SSE	1	SE	4	WNW	4	W	4	S	1	10	Ci.-S.	S.-Cu.	5	Ci.	Cu.
7	S	1	S	1	NNE	4	NNW	4	N	5	S	1	9	Ci	S.-Cu.	8	Ci.	Cu.
8	NNE	4	NNE	4	E	4	NW	4	NW	4	S	1	10	Ci.	Cu.	1	Ci.	Cu.
9	SSE	1	SSE	1	E	4	NNW	4	NW	3	S	1	1	A.-S.	S.-Cu.	1	Ci.	Cu.
10	SSE	2	SE	2	SE	4	N	4	N	3	NNE	2	1	A.-S.	Cu.	2	Ci.	Cu.
11	SSE	4	S	4	SSE	5	WNW	4	WNW	3	N	3	1	Ci.	Cu.	8	Ci.	Cu.
12	NNE	3	SSE	1	SE	5	WNW	4	N	4	S	1	10	Ci.-S.	Cu.	8	Ci.	Cu.-N.
13	S	1	S	1	SE	5	N	4	NNE	4	N	3	8	Ci.	Cu.	3	Ci.	Cu.
14	S	1	SSE	1	SE	5	WNW	4	NW	3	S	1	1	------------	Cu.	3	Ci.	Cu.
15	SSE	1	ESE	4	E	5	WNW	5	W	3	SSE	1	3	------------	S.-Cu.	4	Ci.	Cu.
16	SSE	1	SE	1	E	4	WNW	4	W	3	S	1	7	Ci.-S.	Cu.	10	Ci.-S.	Cu.
17	S	1	SE	1	ESE	4	W	5	W	4	SSW	1	9	Ci.-S.	Cu.	5	Ci.	Cu.
18	SSE	2	SSE	2	ESE	4	W	4	W	2	N	2	8	Ci.-S.	Cu.	5	Ci.-S.	Cu.
19	SSE	1	ESE	2	SE	5	WNW	5	N	4	N	3	4	------------	S.-Cu.	6	Ci.-S.	Cu.
20	SSE	1	SE	1	SE	5	N	5	W	4	SW	2	2	------------	Cu.	3	Ci.-S.	Cu.
21	SE	3	SE	5	SE	5	NNE	4	WNW	2	N	4	3	Ci.	Fr.-Cu.	2	------------	Cu.
22	SSE	1	SE	3	SE	5	WNW	4	NW	3	SE	3	1	------------	Cu.	3	Ci.-S.	Cu.
23	SE	4	SSE	2	ESE	6	E	5	N	5	SSE	1	3	------------	S.-Cu.	3	Ci.-Cu.	Cu.
24	SSE	4	SE	5	SE	3	NNW	4	N	4	SSE	1	1	------------	Cu.	1	------------	Cu.
25	SSE	1	SSE	4	ESE	5	ESE	6	N	4	SSE	2	1	A.-Cu.	Cu.	2	Ci.	Cu.
26	SSE	2	SSE	4	SE	5	N	5	N	4	N	4	2	Ci.	Cu.	10	Ci.	Cu.
27	SSE	2	SE	4	SE	5	SE	5	NW	4	N	3	10	Ci.-S.	S.-Cu.	10	Ci.	Cu.
28	SSE	2	SSE	3	E	4	NW	4	NNW	4	N	4	10	Ci.	Cu.	10	Ci.	Cu.
29	SSE	1	SSE	1	NW	4	W	4	NW	4	NW	3	4	Ci.-S.	Cu.	7	Ci.-Cu.	Fr.-Cu.WNW
30	S	1	S	1	W	4	W	4	W	3	NNW	3	2	A.-Cu.	Cu.	2	Ci.	Cu.-N.
Mean	-------	1.7	-------	2.2	-------	4.4	-------	4.3	-------	3.6	-------	2	5.6	------------	------------	5.2	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

MAY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.42	58.19	59.35	57.43	57.16	58.80	58.22	27.4	26.5	31.1	34.6	30.6	29.1	29.9	35	26.5	86	90	75	59	76	76	77	------
2	57.87	58.11	58.53	56.93	57.45	58.93	57.97	28.5	25.9	31	34.1	30.5	27.2	29.5	34.9	25.6	80	85	69	58	69	80	73.5	------
3	57.70	57.30	58.20	56.23	57.17	59.03	57.60	25.5	25.1	33	32.6	30	27.4	28.9	33.5	24.1	87	90	60	58	71	80	74.3	------
4	57.50	56.91	57.55	56.04	56.51	57.88	57.06	26.4	26.5	32.4	33	30.2	28.9	29.6	34	25.9	84	84	64	61	70	76	73.2	------
5	56.61	57.21	58.04	56.87	57.30	58.53	57.43	27.3	27.6	29.5	33	30	28	29.2	33.6	26	84	81	82	61	75	79	77	1.5
6	57.40	57.45	58.39	56.76	57.81	59.44	57.88	26	25.6	34.5	35.6	27.9	24.1	29	38	23.1	84	87	49	54	83	91	74.7	63.3
7	57.22	57.43	58.47	56.96	57.13	57.87	57.51	25.1	25.1	32.1	32.2	29.4	28.4	28.7	33.5	24	92	92	60	63	74	85	77.7	------
8	56.97	57.37	58.22	56.80	56.68	57.86	57.32	25.9	25	32	33.4	30	28.9	29.2	34.5	23.9	87	80	54	57	71	74	70.5	------
9	57.13	57.49	58.32	56.67	56.69	57.88	57.36	26.4	26	31.4	35.4	30.6	29.2	29.8	35.9	25.7	81	75	53	40	63	76	64.7	------
10	57.06	57.39	57.74	56.38	56.38	57.74	57.12	27.6	25.9	34	33.1	30.5	28.4	29.9	34.5	25.6	84	85	49	63	72	85	73	------
11	57.23	57.38	58.55	56.99	56.96	58.91	57.67	26.5	26.5	30.9	34.1	30.4	29	29.6	34.5	26	89	89	75	62	72	75	77	------
12	58.06	57.73	58.96	56.94	56.71	58.81	57.87	27.4	25.1	32.9	34.4	30.6	29	29.9	34.6	25	81	92	62	57	72	75	73.2	------
13	58.50	58.13	58.75	56.69	56.34	58.38	57.80	26.2	25.1	33.5	33.4	30.6	27.9	29.4	34.6	24.9	83	92	64	59	70	84	75.3	------
14	57.35	57.17	57.73	55.93	56.88	58.46	57.25	26.5	26.5	34	35.1	30.6	28.9	30.3	35.5	25.2	91	89	54	50	69	83	72.7	31.8
15	58.35	57.71	58.32	57.18	57.16	58.59	57.88	27	25.5	29.1	30	28.2	27.3	27.8	31.1	25	88	93	85	75	85	85	85.2	.5
16	57.26	57.23	57.95	56.55	56.38	58.12	57.25	26.3	25.9	30.1	32.6	30	27.1	28.7	33.1	25.5	88	92	77	70	75	90	82	------
17	57.49	57.08	58.20	56.65	56.87	58.64	57.49	25.9	26.2	31.6	31.9	30.1	26.6	28.7	32.5	25.6	92	92	68	74	81	92	83.2	3.5
18	57.75	57.96	58.85	57.70	58.74	59.84	58.47	25.9	25.9	31.9	31.6	26.9	26	28	32.5	25.6	92	92	66	68	84	85	81.2	.6
19	58.56	58.79	59.45	58.32	58.36	59.41	58.82	25.6	25.5	31	28.9	27.6	26.2	27.5	31.4	25	88	91	69	82	81	90	83.5	16.5
20	58.01	57.98	58.33	57.12	57.59	57.61	57.77	25.6	25.6	30.6	27.7	27	25.2	27	31.5	24.9	92	92	72	88	89	90	87.2	19.6
21	56.41	56.74	57.63	56.27	56.77	58.29	57.02	25.5	25.6	30.2	31.9	28.2	26.7	28	32.1	25.2	94	95	74	70	80	92	84.2	7.6
22	57.06	56.39	57.27	56.01	56.36	58.29	56.90	26	25.4	31.9	32.4	30.2	27	28.8	33.1	25	92	93	71	73	73	86	81.3	------
23	56.57	56.98	56.97	55.92	56.52	58.54	56.92	25.5	26	31	30.1	27.1	26.7	27.7	31.5	25.4	89	87	67	77	84	89	82.2	------
24	57.65	57.38	58.22	56.60	57.68	58.60	57.69	25.4	25.4	31.4	30.9	25.6	26.1	27.5	32.5	25.2	91	92	71	67	92	95	84.7	19.3
25	58.11	57.88	58.39	57.58	57.87	59.73	58.26	25.6	25.5	31.6	29.1	27.4	26	27.5	32.5	25	95	95	70	83	86	92	86.8	4.1
26	58.61	58.33	58.47	56.84	57.55	59.57	58.23	25.4	25.6	31.6	32.6	29.2	26.6	28.5	33	24.9	92	92	71	58	74	81	78	------
27	58.02	57.63	58.55	57.49	58.17	59.36	58.20	25.7	25.6	31.6	32.9	29.5	25.6	28.5	33.1	24.9	88	88	66	54	74	88	76.3	5.1
28	58.03	58.52	59.14	58.55	58.67	59.45	58.73	25.4	25	31.4	31	27	25.9	27.6	32.5	24.6	90	92	67	72	92	93	84.3	1.3
29	58.71	58.64	59.10	57.50	57.82	58.89	58.44	25.2	25.5	31.5	32.4	29.5	26.4	28.4	32.5	24.5	93	95	76	70	75	89	83	------
30	58.05	57.36	57.81	56.59	56.17	57.24	57.20	25.4	26	32.4	32.1	29.5	25.6	28.5	32.7	25.3	93	92	66	63	78	88	80	------
31	56.40	56.73	57.35	55.64	55.38	56.95	56.41	25.1	25.8	31.6	31.5	29.4	26.1	28.2	32.5	24.9	92	90	75	70	79	92	83	------
Mean	57.61	57.57	58.28	56.84	57.14	58.57	57.67	26.1	25.8	31.7	32.4	29.2	27.1	28.7	33.4	25.1	88.5	89.5	67.1	65	77.1	85	78.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	174.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	2	SSE	2	NNW	4	W	4	WNW	3	N	4	3	Ci.	S.-Cu.	2	Ci.	Cu.
2	NNE	3	SE	2	N	4	WNW	4	NW	4	S	2	3	A.-Cu.	Cu.	10	Ci.	Cu.
3	S	1	S	1	WNW	4	W	5	W	3	S	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
4	S	2	S	2	WNW	4	W	5	W	4	W	2	10	A.-Cu.	S.-Cu.	4	Ci.	Cu.
5	NNE	2	NE	2	NNW	3	NNW	4	N	4	S	1	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
6	SSE	2	SE	2	S	4	W	5	SSE	1	S	1	7	Ci.	Cu.	8	Ci.-S.	Cu.
7	SSE	2	SSE	2	E	4	N	4	N	4	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
8	SSE	2	SE	3	SE	5	N	4	N	4	NE	3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
9	SSE	2	SSE	4	SE	5	ENE	4	NW	4	N	4	10	------------	S.-Cu.	10	Ci.-S.	Cu.
10	SSE	2	SSE	3	E	4	W	4	NW	4	S	1	10	A.-Cu.	S.-Cu.	2	Ci.-S.	Cu.
11	S	2	S	2	E	4	WNW	4	W	4	N	4	10	A.-Cu.	Cu.	2	Ci.-S.	Cu.
12	N	3	SSE	2	NNW	4	NW	4	NW	4	NNE	3	8	Ci.	Cu.	1	Ci.	Cu.
13	S	2	S	2	N	4	W	5	W	4	SSE	1	10	Ci.	Cu.	7	Ci.	Cu.
14	SSE	2	SSE	3	SSW	4	SW	5	SW	4	SSW	1	10	Ci.	Cu.	7	Ci.	Cu.
15	N	3	SSE	2	SSE	3	SW	4	SW	2	SSW	2	10	------------	Cu.-N.	10	------------	Cu.-N.
16	S	2	S	2	SW	2	NW	4	NW	4	S	1	10	A.-Cu.	Cu.-N.	10	Ci.	Cu.-N.
17	S	2	S	2	SSE	4	W	4	SW	3	SSE	3	10	Ci.-S.	Cu.-N.	10	A.-Cu.	Cu.-N.
18	SSE	2	SSE	3	SE	4	SSW	5	SSW	4	SSE	4	10	Ci.	Cu.	10	Ci.	Cu. SSW
19	SSE	4	SSE	3	S	3	SW	4	S	4	SSE	3	10	------------	Cu.-N.	10	Ci.-S.	Cu.-N.
20	S	3	S	3	S	4	SSW	3	S	4	S	3	10	A.-Cu.	N.-cf.	10	------------	Cu.-N.
21	SSE	4	SSE	4	S	4	SSW	5	SSE	4	S	1	5	Ci.-Cu.	Cu.	10	A.-Cu.	Cu. SW
22	SSE	3	SSE	3	SE	4	NNE	4	SSW	4	S	4	10	------------	Cu.-N.	10	Ci.	Cu. S
23	S	3	SSE	4	SSE	5	SSW	5	SW	4	ESE	1	10	A.-Cu.	Cu.-N.	10	Ci.-S.	Cu. SSW
24	ESE	3	SE	3	WNW	4	W	4	SSE	2	SSE	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
25	S	2	S	3	E	4	W	3	SW	4	S	3	5	Ci.-S.	S.-Cu.	10	------------	Cu.-N.
26	SSE	3	SSE	4	S	4	SSW	5	SSW	4	SSW	4	10	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N.
27	SSE	2	SSE	3	SSE	4	SSW	5	SSW	4	S	2	10	A.-Cu.	Cu.	10	Ci.	Cu.
28	SSE	2	SSE	3	SSW	4	SW	4	E	2	S	1	10	Ci.-S.	Cu.	10	------------	Cu.-N.
29	S	2	S	2	N	3	WSW	4	W	4	SSE	2	10	A.-Cu.	Cu.-N.	10	Ci.	Cu.
30	SSE	2	SSE	2	SSW	4	SW	4	W	2	S	2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
31	SSE	1	SSE	4	NNW	4	WSW	5	SW	3	S	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
Mean	-------	2.3	-------	2.6	-------	3.9	-------	4.3	-------	3.5	-------	2.2	9.1	------------	------------	8.5	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

JUNE, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	56.86	57.21	57.91	57.19	57.37	59.02	57.59	26.4	25.1	31.8	32	29.6	28.2	28.8	32.5	24.9	92	95	74	71	77	80	81.5	------
2	58.73	58.63	59.37	58.64	58.37	59.88	58.94	28	27.1	32.6	32.6	30	28.6	29.8	33.6	27	80	86	69	68	77	80	76.7	------
3	59.23	59.29	59.26	58	58.07	59.48	58.89	27.1	26.1	32.9	34.1	30.8	28	29.8	34.8	25.9	87	92	62	62	74	86	77.2	------
4	58.85	58.61	59.17	57.25	57.24	57.91	58.17	26.2	25.1	32.5	33.5	30.5	27.9	29.3	33.9	24.6	89	92	70	64	72	84	78.5	------
5	57.18	57.45	58.44	57.27	56.91	58.52	57.63	25.9	26.5	33.5	28.4	31	27.5	28.8	34	25.2	92	93	61	77	69	84	79.3	1.8
6	58.09	58.40	58.70	57.48	58.01	59.59	58.38	25.9	26.1	33.1	33.6	31	24.5	29	34.6	24.3	92	91	59	64	69	92	77.8	30.7
7	58.95	58.75	59.14	57.54	58.02	58.87	58.54	26.4	26.9	32.1	33.5	26.6	25.8	28.6	34.1	24.5	93	90	65	65	84	90	81.2	1.5
8	57.93	57.98	58.47	56.23	56.05	57.76	57.41	25.4	25.6	32	33.4	30.5	28.5	29.2	33.9	24.9	88	88	65	64	69	85	76.5	------
9	57.08	56.54	57	55.65	55.96	57.10	56.56	25.9	25.8	32.5	32.6	28	25.6	28.4	33.9	25	88	88	58	69	77	88	78	------
10	56.33	56.65	57.18	55.88	56.37	57.65	56.68	25.4	24.9	31.5	34	30.1	26.5	28.7	34.9	24	90	92	66	56	71	88	77.2	------
11	57.21	57.29	57.45	56.24	56.03	58.48	57.12	25.4	25.2	32.4	34.1	30.9	26.1	29	34.9	24.9	84	83	63	56	73	87	74.3	6.1
12	57.50	56.95	57.86	56.40	56.95	58.73	57.40	25.2	25.8	32.5	33.5	31	27	29.2	34.5	24.9	90	91	68	65	72	84	78.3	------
13	57.64	57.31	57.77	56.68	56.80	58.16	57.39	26.2	26	32	32.5	30.5	27.6	29.1	34.9	25	89	89	63	68	69	86	77.3	.3
14	57.40	57.50	57.60	56.17	56.56	58.05	57.21	25.8	25.9	32.7	35.1	30.6	28.5	29.8	35.5	25.3	88	90	57	49	74	85	73.8	.3
15	56.84	57.32	57.75	56.83	57.91	58.61	57.54	25.9	26.5	33	34.9	30.1	28.7	29.8	35.5	25.1	88	84	55	50	70	85	72	------
16	58.04	57.97	58.78	57.92	58.15	59.85	58.45	26.9	27.8	33.6	35.4	31.6	28.9	30.7	36.5	26.9	88	80	58	48	68	76	69.7	------
17	58.86	58.49	58.30	57.20	56.85	58.52	58.04	27.4	27.1	33.3	33.5	31	29.6	30.3	35.5	26.4	81	81	56	61	72	84	72.5	12.7
18	57.99	57.67	57.55	56.53	56.40	58.30	57.41	26.5	25.9	33	33.5	30.8	24.8	29.1	35.5	23.9	88	86	56	65	73	90	76.3	32
19	57.10	56.92	57.52	56.20	57.12	57.75	57.10	25.7	26	32.6	33.4	30.5	25.4	28.9	34.5	24.6	88	89	64	67	76	92	79.3	6.9
20	57.05	57.01	57.40	56.15	56.87	58.03	57.08	25.9	25.9	31.1	33.2	30.6	25.9	28.8	33.5	25.1	91	92	72	66	76	92	81.5	30.2
21	56.70	57.01	58.20	56.81	56.82	58.52	57.34	25.5	25.6	31.6	33.1	30.5	27.5	29	33.5	25.1	94	95	66	64	78	84	80.2	.3
22	57.44	57.65	57.98	56.74	56.36	57.93	57.35	26.2	26	32.3	33.1	31	29.5	29.7	34.1	24.6	82	82	59	67	72	79	73.5	10.7
23	57.50	57.25	57.43	56.46	56.36	57.35	57.06	24.6	25.4	31.8	33	31	29.1	29.2	33.9	24.4	92	93	70	67	72	81	79.2	------
24	56.57	56.70	57.04	55.85	56.37	58.09	56.77	27.2	26.5	33	32.6	30.1	26.6	29.3	34	26.1	87	92	67	69	78	92	80.8	3.8
25	57.45	57.55	57.15	55.84	55.86	57.92	56.96	26.1	26.5	32	33	31	26.4	29.2	34	25.6	93	94	66	67	72	92	80.7	19.1
26	57.59	57.15	56.88	56.20	55.77	57.68	56.88	26.1	25.1	31.6	31.9	29.8	25.6	28.4	33.5	24.9	94	95	75	73	77	92	84.3	69.6
27	56.70	56.22	56.55	55.06	55.46	57.05	56.17	25.7	25.6	30.9	32.4	27	26.5	28	32.7	25.4	93	95	69	66	87	88	83	10.9
28	56.88	56.53	57.18	56.47	56.87	58.03	56.99	25.4	25.9	30.1	29.6	25.4	25	26.9	30.6	24.9	91	92	74	77	92	92	86.3	14.9
29	57.34	56.99	57.51	56.71	56.50	58.33	57.23	24.7	25.6	30	32	29	27.5	28.1	32.5	24.6	92	92	73	67	78	80	80.3	27.4
30	58.33	57.24	57.40	56.78	56.81	58.58	57.52	24.9	24.9	30.6	30.8	26.5	25.2	27.2	32.5	24.4	92	92	72	71	86	92	84.2	6.7
Mean	57.58	57.47	57.86	56.68	56.84	58.32	57.46	26	25.9	32.2	32.9	29.9	27.1	29	34.1	25.1	89.2	89.8	65.1	64.8	75.1	86.3	78.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	285.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		0-12		0-12		0-12		0-12		0-12	0-10			0-10		
1	S	1	SSE	1	NW	4	W	4	NW	4	N	4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
2	N	4	ESE	2	N	4	NW	4	N	4	N	4	10	Ci.	S.-Cu.	8	Ci.	Cu.-N.
3	SE	1	SE	2	SE	4	NNW	4	NNW	4	SSE	1	8	Ci.-S.	Cu.	2	Ci.-S.	Cu.
4	S	2	S	2	N	4	NW	4	NNW	4	SSE	2	8	Ci.	S.-Cu.	2	A.-Cu.	Cu.-N.
5	SSE	1	SE	3	ESE	4	WSW	2	NW	3	SSE	2	4	Ci.	Cu.	10	A.-Cu.	Cu.-N.
6	SSE	2	SSE	3	SE	4	NNW	4	N	4	S	1	10	Ci.	Cu.	10	Ci.	Cu.
7	SE	1	E	2	ESE	3	NNW	4	WSW	4	SSE	2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
8	SSE	3	SSE	4	E	4	NNW	4	N	4	NE	3	7	Ci.	S.-Cu.	4	Ci.	Cu.
9	SSE	2	SSE	4	SE	5	SW	4	SSW	4	SSE	2	4	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
10	SSE	2	SSE	2	SE	4	N	4	N	4	S	2	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
11	SSE	3	SSE	3	SSE	4	SW	4	WNW	4	SSW	3	9	Ci.	Cu.-N.	10	Ci.	Cu.
12	SSE	2	SSE	2	E	4	N	4	NW	3	SSE	4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
13	SSE	2	SSE	3	SSE	4	WNW	4	WNW	4	NE	4	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
14	SSE	2	SSE	2	SE	5	ESE	5	NNE	4	SSE	1	10	Ci.-S.	S.-Cu.	10	Ci.	Cu.-N.
15	SE	3	SE	4	SE	5	E	4	NNE	4	ESE	1	10	Ci.-S.	Cu.	9	Ci.	Cu.
16	SSE	2	SE	4	ESE	4	SE	5	N	4	SE	1	10	Ci.	Cu.	10	Ci.	Cu.
17	SE	5	SSE	4	E	4	N	4	N	4	S	1	10	Ci.-S.	Cu.	10	Ci.	Cu.
18	SSE	2	SSE	4	SSE	5	W	4	W	4	W	3	10	Ci.	S.-Cu.	5	Ci.	Cu.
19	SE	3	SE	4	S	4	W	4	SE	4	SSE	2	9	Ci.	Cu.	10	Ci.	Cu.-N.
20	SSE	2	SSE	2	SE	4	NW	4	N	3	SSE	4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
21	SSE	2	SSE	1	S	4	NW	4	W	2	SSE	3	10	Ci.-S.	Cu.	6	Ci.	Cu.
22	SSE	4	SSE	4	E	4	NW	4	NW	4	NNW	4	10	Ci.	S.-Cu.	6	Ci.	Cu.
23	SSE	2	SSE	2	ESE	4	NW	4	N	4	N	3	10	Ci.	S.-Cu.	10	Ci.	Cu.
24	S	2	S	2	SE	4	W	4	NW	3	S	1	3	Ci.-S.	Cu.	10	Ci.	Cu.-N.
25	SSE	1	SSE	1	S	4	W	4	W	4	SE	2	10	Ci.-S.	Cu.-N.	7	Ci.	Cu. S
26	Calm	----	SSE	2	SSE	4	W	4	N	4	S	1	7	Ci.-S.	Cu.	10	Ci.-S.	Cu.
27	SSE	2	SE	1	SE	5	SE	6	SSE	4	SSE	5	10	Ci.-Cu.	Cu.-N.	10	Ci.	Cu.-N.
28	SSE	4	SSE	5	SSE	5	SSW	5	SSW	4	S	4	10	Ci.-Cu.	S.-Cu.	10	Ci.	Cu.-N.
29	SSE	4	SSE	5	SSE	5	SSW	5	S	4	S	5	10	Ci.-S.	N.-cf.	10	Ci.	Cu. SSW
30	SSE	2	SSE	3	SSE	5	SSW	5	S	4	S	5	10	Ci.	S.-Cu.	10	A.-Cu.	Cu. SW
Mean	-------	2.3	-------	2.8	-------	4.2	-------	4.2	-------	3.8	-------	2.7	9	------------	------------	8.5	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

JULY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.24	57.81	58.14	56.85	57.26	57.81	57.68	25	25.3	27.6	30.1	25	24.4	26.2	31.5	24.1	92	91	81	77	92	94	87.8	19.6
2	56.01	55.70	56.27	56.23	56.92	55.47	56.10	24.8	24.8	29.1	26.5	23.9	23.9	25.5	29.5	22.9	93	93	79	84	94	94	89.5	50.5
3	54.96	55.60	55.54	55.20	54.98	56.22	55.42	24.5	24.6	28.9	30.6	30	27.9	27.8	31.5	23.9	93	95	85	74	75	86	84.7	2.3
4	56.04	56.91	57.75	56.56	56.92	58.27	57.08	26.7	26	30.7	32.2	30.1	27	28.8	32.6	25.6	88	92	80	70	77	90	82.8	------
5	57.27	57.88	59.13	57.92	57.69	58.54	58.07	25.7	25.6	29.5	32.9	31	26.8	28.6	33.1	25.2	90	91	82	73	75	92	83.8	11.2
6	57.95	58.27	58.58	57.66	57.56	59.32	58.22	26	26.1	31	32	30.9	26.7	28.8	32.5	25.5	94	92	81	72	76	92	84.5	.3
7	57.95	58.15	58.84	57.35	57.41	59.20	58.15	25.5	26.4	32.2	32.6	25.9	25.6	28	33.6	25.1	93	94	71	71	85	93	84.5	10.2
8	59.20	59.64	59.57	57.73	58.15	60.60	59.15	25.4	25.6	31.2	33.9	30.4	26.9	28.9	35	24.6	95	95	66	60	76	86	79.7	------
9	59.82	59.92	60.74	59.19	59.42	60.75	59.97	26.3	26.1	32.1	33.5	30.1	27.8	29.3	34.1	25.2	91	94	70	61	74	91	80.2	1
10	59.90	60.17	60.74	59.04	58.56	59.58	59.66	26.7	26.8	32.5	33.1	30.3	28.6	29.7	34.6	25.9	92	94	76	69	77	89	82.8	2.5
11	58.63	58.84	59.40	58.35	58.52	59.08	58.80	27.3	26.6	32.6	34	30.1	27	29.6	34.5	26	92	92	64	64	75	86	78.8	------
12	58.70	58.65	58.92	57.45	58.13	59.26	58.52	25.5	26	32	33.5	25.1	24.1	27.7	34.1	23.4	91	89	67	65	87	91	81.7	25.4
13	58.06	57.79	58.36	56.89	57.07	58.36	57.76	24.4	25.1	31.5	33.1	30.5	25.5	28.4	33.5	24.1	93	95	71	67	72	92	81.7	5.1
14	57.58	57.19	57.45	56.46	56.52	57.13	57.06	25.1	24.2	30.9	33.1	29.9	28	28.5	33.9	23.9	93	95	72	55	78	73	77.7	------
15	56.87	57.06	58.17	57.80	56.73	58.04	57.44	25.6	24.9	31.6	28.6	27.1	26.9	27.4	32.7	24.6	90	92	71	76	77	75	80.2	.3
16	57.85	57.66	58.62	57.97	57.70	59.27	58.18	26.2	25.6	28.9	32.1	29.7	25.1	27.9	33	24.4	79	82	74	69	79	92	79.2	2.8
17	57.09	57.52	58.05	57.28	57.18	58.10	57.54	24.6	24.7	31	31.6	30.6	25.2	28	33.5	24.1	93	86	68	68	68	92	79.2	------
18	57.41	57.24	57.63	56.15	55.99	57.18	56.93	25	25	31.6	33	30.1	26.6	28.6	33.5	24.6	92	89	71	68	71	89	80	------
19	55.90	56.03	56.55	55.23	54.97	56.19	55.81	25.5	25.4	31.4	32.6	30.1	26.1	28.5	33.1	25	90	90	70	68	77	92	81.2	1
20	55.54	55.98	56.46	55.44	55.52	56.89	55.97	25.9	25.4	30.9	32.6	31	26.3	28.7	32.7	24.9	92	93	77	70	67	90	81.5	2.5
21	55.32	56.50	57.43	56.37	57.27	58.79	56.95	25.1	26	31	32.4	29.6	26.2	28.4	32.7	24.5	92	94	73	73	82	92	84.3	24.9
22	57.52	57.71	58.23	57.15	57.59	59.12	57.89	25.7	25.6	32	32.7	29.6	27	28.8	33	24.9	92	93	70	64	81	86	81	9.9
23	58.64	58.36	58.76	57.35	57.26	58.32	58.12	25.6	25.1	29.2	32.9	26.5	26	27.6	33.1	24.7	92	96	83	67	89	92	86.5	4.1
24	56.89	56.44	56.63	54.95	54.95	55.79	55.94	24.6	25	28.9	29.1	26.5	24.8	26.5	30.5	24.4	93	95	83	81	89	93	89	.3
25	55	54.71	55.53	53.72	53.56	55.16	54.61	25	24.8	28.1	31.5	26.6	25.1	26.8	31.6	23.5	92	92	83	67	86	92	85.3	25.6
26	54.84	53.99	54.22	53.58	53.31	54.31	54.04	23.5	23.6	27.1	30.3	26.3	24.7	25.9	30.5	23.1	95	96	97	76	90	92	91	16.5
27	53.42	52.92	53.25	52.82	52.33	53.44	52.95	24.6	24	28.5	30.3	26.4	25.6	26.6	31.5	23.5	93	95	82	76	89	92	87.8	22.1
28	52.55	51.76	52.61	51.26	50.64	51.90	51.79	25.3	25	24.9	25.6	26	25	25.3	27.5	24.5	93	97	96	95	94	93	94.7	134.7
29	50.61	50.22	49.92	49.07	49.06	50.19	49.84	25	24.9	28.5	31.2	27.6	26	27.2	32.1	24.4	93	93	82	76	88	92	87.3	.8
30	49.12	50.06	50.86	50.25	50.30	51.15	50.29	25.6	25.6	26.6	28.6	25.5	25.7	26.3	28.9	25.1	92	92	90	78	92	91	89.2	3.1
31	50.76	51.31	52.15	52.19	52.26	54.11	52.13	25.2	24.9	27	27.1	25.9	25.2	25.9	27.5	24.6	92	92	89	92	94	95	92.3	37.6
Mean	56.31	56.39	56.92	55.84	55.86	57.02	56.39	25.4	25.3	30	31.4	28.3	26.1	27.7	32.3	24.5	91.8	92.5	77.5	71.8	81.5	90	84.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	414.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	4	SSE	4	SSW	4	S	5	S	4	S	4	10	------------	Cu.-N.	10	------------	N.-cf. SSW
2	SSE	4	SSE	4	S	4	SW	4	SSE	4	S	4	10	------------	N.-cf.	10	------------	Cu.-N.
3	S	4	S	3	SSE	4	S	5	SSW	5	S	5	10	------------	Cu.-N.	10	------------	N.-cf. SSW
4	SSE	5	SSE	4	SE	4	S	5	SSW	4	S	2	10	A.-Cu.	Cu. S	9	Ci.-S.	Cu. SSW
5	SSE	2	SSE	3	SE	3	WSW	4	SW	3	S	1	2	------------	Cu.	6	Ci.	Cu.
6	SSE	2	SSE	2	NW	3	W	4	W	4	S	1	6	Ci.-S.	Cu.	3	------------	Cu.
7	SSE	2	SSE	2	SSE	3	W	4	NNW	3	S	2	10	Ci.-S.	Cu.	3	Ci.-S.	Cu.
8	SSE	1	SSE	1	SSE	4	SE	4	W	4	SSE	2	10	A.-Cu.	Cu.	4	A.-Cu.	Cu.
9	SSE	2	E	1	ESE	4	ESE	4	NNW	3	SSE	1	10	A.-Cu.	Cu.	4	Ci.-S.	Cu.-N.
10	SE	1	SE	1	NNE	4	N	3	NNW	3	NNE	2	10	Ci.-S.	Cu.	10	Ci.	Cu.
11	SSE	2	SSE	2	S	3	WNW	3	SSW	2	SSE	3	3	Ci.-S.	Cu.	6	A.-Cu.	Cu.-N.
12	SSE	2	SSE	3	E	3	NNW	3	NE	4	SSE	2	2	Ci.-S.	Cu.	1	A.-Cu.	Cu.
13	SE	2	SE	1	ESE	3	NNW	4	N	4	S	2	10	Ci.-S.	S.-Cu.	4	Ci.	Cu.-N.
14	S	2	S	1	SE	3	SE	4	SE	2	SE	5	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
15	SSE	3	S	2	ESE	2	SE	4	SE	2	SE	5	10	Ci.-S.	S.-Cu.	10	------------	Cu.-N.
16	SE	5	SE	5	SE	4	ESE	4	NE	1	SE	2	10	------------	Cu.-N.	10	Ci.-Cu.	S.-Cu.
17	ESE	2	ESE	2	E	3	ESE	3	ENE	3	S	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
18	SSE	1	SSE	2	E	4	WNW	4	NNW	4	SSE	2	10	Ci.	S.-Cu.	10	Ci.	Cu.
19	SSE	3	SSE	3	SSE	4	WSW	4	SW	2	SSE	1	10	Ci.	Cu.	10	Ci.	Cu.
20	SSE	3	SSE	2	SE	4	W	4	W	3	SSE	2	10	------------	N.-cf.	7	Ci.	Cu.
21	SSE	2	SSE	2	SE	4	WNW	4	SW	2	S	1	7	Ci.-S.	Cu.	10	Ci.-S.	Cu.
22	S	1	S	3	SSE	3	SSW	4	SW	1	SSW	2	10	Ci.-S.	N.-cf.	10	Ci.	Cu. SW
23	SSE	1	SSE	1	SW	2	NW	4	SW	3	S	2	10	------------	N.-cf.	10	Ci.-S.	Cu.
24	S	2	S	3	NNW	2	W	4	S	3	S	2	10	------------	N.-cf.	10	------------	N.-cf.
25	S	4	SSE	4	SW	4	SW	4	SW	3	SSE	4	10	------------	N.-cf.	10	Ci.-S.	Cu.
26	SSW	1	Calm	----	SSE	4	SW	4	SW	2	SSE	3	10	------------	N.	10	Ci.-S.	Cu. WSW
27	SSE	2	SSE	3	SE	3	WSW	4	WSW	4	SW	2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
28	SW	3	SSW	4	SW	3	NE	2	S	2	SSE	4	10	------------	N.	10	------------	N.
29	SSE	4	SSE	4	SE	4	SE	3	SE	3	SSE	2	10	------------	N.-cf.	10	Ci.-S.	N.-cf. SE
30	SE	5	SE	5	SSE	4	SSE	5	SSE	4	SE	6	10	------------	N.	10	------------	N.-cf. S
31	SE	5	SE	5	SE	4	SSE	5	SSE	4	SSE	4	10	------------	N.-cf.	10	------------	N.-cf.
Mean	------	2.6	------	2.6	------	3.5	------	3.9	------	3.1	------	2.6	9	------------	------------	8.3	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

AUGUST, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	53.36	53.93	54.87	53.98	54.66	56.24	54.51	25.1	25.2	26.7	27.7	25.1	24.5	25.7	28.5	24.3	97	98	92	91	95	96	94.8	46.4
2	56.04	55.60	55.57	54.58	55.11	57.40	55.72	24.7	25	30.1	31.2	28.6	25.1	27.4	31.6	24	96	96	82	79	85	92	88.3	18.6
3	56.09	56.14	56.45	55.16	55.28	57.14	56.04	24.8	25.2	30.5	30.6	29.6	26.5	27.9	32.5	24.7	95	95	78	81	82	92	87.2	6.8
4	55.90	55.66	56.06	55.13	55.61	56.59	55.82	25.6	25.7	30.5	31.3	29.1	26.1	28	32.6	25.5	93	96	84	76	88	91	88	9.5
5	55.70	55.93	56.42	55.87	56.89	57.05	56.31	25.6	25.6	29.1	27.2	24.9	24.2	26.1	31	24	95	96	88	92	93	95	93.2	18.8
6	56.50	56.21	57.14	56.20	56.33	58.50	56.81	24.4	24.5	29	30.6	25.1	24.3	26.3	30.9	24	93	92	82	74	92	94	87.8	6.8
7	57.50	57.09	58.69	57.23	56.64	57.19	57.39	24.6	25.1	25.5	25.7	25	24.8	25.1	28.3	24.1	94	96	85	93	93	93	92.3	42.8
8	56.10	56.01	56.18	55.20	54.92	55.84	55.71	24.8	24.4	28.6	30.5	28.1	26	27.1	31	24.2	95	97	89	76	88	92	89.5	16.6
9	54.85	54.62	55.58	54.87	54.67	56.43	55.17	25.8	26.4	30.5	30.9	28.5	26.5	28.1	31.8	25.7	93	94	76	73	85	92	85.5	1.5
10	55.43	55.43	56.67	55.75	56.54	58.57	56.40	26.2	26	29	30.5	25.5	24.5	27	31.1	24	94	95	86	76	91	95	89.5	72.4
11	56.59	56.97	57.60	56.84	56.68	58.14	57.14	24.8	25.4	28.1	25.1	25.1	24.6	25.5	28.5	24.5	92	93	89	95	96	97	93.7	47.6
12	57.70	57.01	57.28	56.39	56.51	56.92	56.97	24	24.1	25.9	24.5	23.5	23.5	24.2	27.5	23.4	96	97	94	92	97	97	95.5	87.3
13	55.92	55.53	56.64	56.02	55.40	56.52	56	23.6	22.5	26.1	23.8	23.5	23.6	23.8	26.5	22.3	96	96	94	95	97	96	95.7	36.1
14	55.96	55.91	56.88	56.22	55.71	57.09	56.30	23.7	24	26.4	27.9	26	24.9	25.5	28.1	23.4	96	96	89	84	89	90	90.7	5.9
15	56.56	56.67	57.67	57.53	57.45	58.48	57.39	24.5	24.4	29.9	27.1	26.9	24.8	26.3	31	24	92	93	77	86	89	92	88.2	24.4
16	57.69	58.27	58.68	57.48	57.45	58.40	58	24.5	23.9	29.1	32.1	29.5	25.8	27.5	32.5	23.1	92	94	83	72	81	93	85.8	2.8
17	57.51	57.71	58.03	56.08	55.95	56.88	57.03	25	26	30.5	32.1	29.5	27.7	28.5	32.8	25	95	97	80	75	81	88	86	1.5
18	55.99	55.84	56.20	54.88	55.20	56.03	55.69	26.6	26.4	31.6	32.5	29.5	27.2	29	33.1	26.3	90	92	75	73	81	92	83.8	.5
19	55.45	55.25	55.51	53.91	54.38	55.88	55.06	26	26.1	30.5	32.9	30	24.6	28.4	33.1	24.4	94	92	80	70	78	92	84.3	.8
20	55.08	55.04	55.57	53.90	54.76	55.34	54.95	24.2	25.1	31.4	31.4	28.3	26.1	27.8	32.9	24.1	93	95	72	72	83	91	84.3	22.6
21	55.06	55.14	56	55.09	54.95	56.14	55.40	25.5	24.6	27.4	27.9	26.3	24.9	26.1	29.4	24.6	94	96	89	86	94	93	92	12
22	55.80	55.73	57.01	56.06	55.39	56.85	56.14	25	25.2	25.9	28.1	24.6	24.3	25.5	28.3	23.9	92	95	94	89	92	94	92.7	28.8
23	56	55.01	56.53	55.91	55.40	56.85	55.95	24.5	24.4	26.7	26	25	24.5	25.2	27	23.9	94	97	95	94	93	96	94.8	30.4
24	55.76	55.51	55.99	55.33	55.81	57.21	55.94	24	24	29.1	25	24.1	23.6	25	29.6	23.4	97	97	82	93	96	97	93.7	113.7
25	56.01	55.68	57.24	56.23	56.15	57.91	56.54	23.3	23.5	25.9	28.1	24.5	24.1	24.9	28.9	22.7	97	97	94	85	93	95	93.5	18
26	57.41	57.35	58.66	57.58	57.69	59.05	57.96	24.1	24.2	26	27.6	26.8	25.1	25.6	30.5	23.9	96	97	92	84	86	90	90.8	5.1
27	58.31	58.81	59.41	58.43	58.42	59.53	58.82	24.7	25	29.6	31.5	28.5	25.1	27.4	32.5	23.8	92	93	78	67	79	95	84	------
28	59.21	59.01	59.93	58.47	58.93	59.99	59.26	24.3	23.4	29.6	31.5	27.5	26.1	27.1	31.7	23.3	95	94	78	72	89	95	87.2	.3
29	59.72	59.09	59.50	58.01	58.16	59.46	58.99	25.5	24.8	31.1	31.6	29.2	25.6	28	32.5	24.7	95	95	72	68	81	92	83.8	------
30	58.59	58.59	58.95	58.07	58.26	58.81	58.54	24.2	24.6	30.4	32	28.7	25.5	27.6	32.5	23.8	93	95	77	69	78	92	84	------
31	58.04	57.74	58.56	57.22	57.25	57.89	57.78	24.5	24.1	31	31.6	28.9	26.2	27.7	32.5	23.9	93	95	73	68	75	95	83.2	4.5
Mean	56.51	56.40	57.14	56.12	56.21	57.43	56.64	24.8	24.8	28.8	29.2	26.9	25.2	26.6	30.7	24.1	94.2	95.2	83.8	80.6	87.7	93.4	89.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	682.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
														Form and direction.			Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Upper.	Lower.	Amount.	Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	4	SSE	4	SE	5	S	4	SSE	4	S	3	10	------	N.-cf.	10	------	N.-cf.
2	SSE	3	SSE	3	SSE	4	SSE	5	S	4	S	3	10	------	N.-cf. S	10	Ci.-S.	Cu. S
3	S	4	S	4	S	4	SW	3	S	2	SSE	2	10	------	N.-cf.	10	Ci.-S.	N.-cf.
4	SE	3	SE	3	SSE	4	SSW	5	SSW	2	SSE	3	10	A.-Cu.	N.-cf. S	10	A.-Cu.	N.-cf.
5	SSE	3	SSE	3	SSE	4	SW	1	SE	3	SSE	2	10	------	N.-cf.	10	------	Cu.-N.
6	SSE	4	SSE	3	SSE	4	SSW	5	S	4	SSE	2	10	------	N.-cf.	10	Ci.-S.	Cu. SW
7	SSE	2	SSE	2	W	4	S	3	SSE	3	S	4	10	------	N.-cf.	10	------	N.
8	ESE	3	NE	3	SW	4	SW	5	SSW	2	SSW	2	10	------	N.	10	Ci.-S.	Cu. SW
9	SSW	2	SSW	2	SW	5	SW	5	SW	4	SSE	2	9	Ci.	Cu. SW	10	Ci.-S.	N.-cf. SW
10	SSE	2	SSE	2	S	2	SW	4	NW	3	SSW	4	10	Ci.-S.	Cu. SW	10	------	Cu.-N.
11	SSW	4	SSE	3	S	3	SSE	4	SSE	4	SSE	4	10	------	N.-cf.	10	------	N.
12	SSE	3	SSE	2	SSW	3	N	2	SSE	2	SSE	3	10	------	N.	10	------	N.
13	S	4	S	2	SSE	4	S	2	SSE	3	SSE	4	10	------	N.	10	------	N.
14	SSE	4	SSE	4	SSE	4	S	4	SE	4	SSE	3	10	A.-Cu.	N.-cf.	10	------	N.-cf.
15	SSE	3	SSE	3	SSE	4	W	4	SSE	1	SSE	2	10	A.-Cu.	N.-cf. S	10	------	N.-cf.
16	SSE	1	S	1	NNW	2	W	4	WSW	2	S	1	9	Ci.	Cu.	4	Ci.-S.	Cu.
17	S	1	SSE	1	NW	2	NW	4	NW	4	NW	3	10	------	N.	10	A.-Cu.	Cu.
18	NNE	3	NNE	3	NNE	3	NW	4	NW	3	S	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. NW
19	S	1	N	2	NNW	3	W	4	W	3	S	1	10	Ci.-S.	Cu.	10	Ci.	Cu.
20	SSE	2	SSE	2	W	3	W	4	SW	2	S	2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
21	SSE	2	S	2	SSE	4	SSE	2	S	2	S	2	10	------	N.	10	------	N.-cf.
22	S	4	SSE	2	SSW	3	S	4	S	2	SSE	8	10	------	N.	10	------	N.-cf.
23	S	4	SSE	2	SE	2	SSW	3	SSE	4	SSE	3	10	------	N.-cf. S	10	------	N.
24	SSE	3	SE	3	SE	4	SW	3	S	3	SSE	3	10	------	N.-cf.	10	------	N.
25	SSE	4	SSE	4	ESE	4	SSW	5	SSW	3	S	4	10	A.-Cu.	Cu.	10	------	N.-cf. ssw
26	SSE	4	SSE	3	SSW	3	SSW	3	S	3	S	2	10	A.-Cu.	N.-cf. SSW	10	A.-Cu.	N.
27	S	3	SSE	2	SSE	4	SW	4	SSW	2	SE	1	10	Ci.-S.	Cu.	9	Ci.	Cu.
28	S	1	S	1	W	4	WSW	4	Calm	----	SSE	2	2	Ci.	S.	10	Ci.-S.	Cu.
29	SSE	2	SSE	1	NNW	3	WNW	4	WSW	3	SSE	1	2	Ci.	S.	4	Ci.	Cu.
30	SSE	1	S	1	WNW	4	WNW	4	NW	3	SSW	1	10	Ci.-S.	Cu.	10	Ci.	Cu.
31	Calm	----	SSW	1	WNW	4	W	4	W	4	SE	1	10	Ci.-S.	Cu. NNW	10	Ci.-S.	Cu. WNW
Mean	-------	2.7	-------	2.4	-------	3.5	-------	3.7	-------	2.8	-------	2.4	9.4	-------	-------	9.6	-------	-------

BOLINAO.

[φ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

SEPTEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.20	56.71	57.63	56.87	56.90	57.99	57.22	26	25	29.4	24.5	26	24.9	26	31.7	24.2	94	96	82	92	84	95	90.5	24.7
2	56.89	56.82	57.48	55.88	55.90	57.48	56.74	24.3	23.6	25.6	28.6	26.9	25.4	25.7	28.9	23.5	95	97	92	76	83	93	89.3	2.4
3	56.58	56.80	57.42	55.62	55.59	56.48	56.42	25.1	25	25.5	29.6	26.3	25.5	26.2	30.5	24.5	95	96	92	75	89	93	90	23.5
4	55.85	55.84	56.37	54.84	54.72	56.38	55.67	25.1	24.6	30.4	27.1	28	25.8	26.8	30.8	24.4	95	96	76	92	85	93	89.5	34
5	55.55	54.95	55.48	54.23	53.96	55.67	54.97	24.8	24.4	30.1	30.4	28	25.8	27.2	30.9	24.1	95	95	78	76	85	93	87	18.5
6	54.98	54.61	55.07	54.08	53.94	55.51	54.70	25.3	25	29.2	29	26.5	25.4	26.7	30.1	24.6	93	96	86	81	89	95	90	15.3
7	54.10	53.40	54.21	52.89	52.95	54.74	53.72	25	25	27.1	26.6	25.5	24.5	25.6	29.1	24.3	96	96	92	94	96	97	95.2	90.4
8	53.57	52.93	53.43	51.62	51.91	53.40	52.81	24.5	24.5	29	30.9	26.5	25.5	26.8	31	24	97	97	82	72	89	94	88.5	23.2
9	52.86	53.11	54.15	52.82	53.20	54.69	53.47	24.8	24.6	27	29.5	25.1	25	26	31.5	24.5	96	97	90	81	95	96	92.5	22.7
10	53.97	53.72	55.01	53.99	54.01	55.41	54.35	24.5	24.7	26.5	25.6	25	24.5	25.1	27.9	23.9	97	97	91	92	95	97	94.8	25.2
11	54.77	54.70	55.89	54.62	54.10	55.50	54.93	24.1	23.4	26	27.4	25.7	24.9	25.2	30.1	23.1	97	97	92	89	92	93	93.3	16.5
12	55.10	55.04	56.01	54.50	54.82	56.32	55.30	25.1	25.3	30.2	31.5	28.5	26.4	27.8	32.4	24.6	95	93	77	76	85	92	86.3	-----
13	55.78	55.83	56.60	55.37	55.41	56.68	55.94	25.9	25.5	31	31.4	29	26.3	28.2	32.5	25.4	95	96	75	76	85	95	87	22.3
14	56.27	56.33	57.56	56.20	56.27	57.68	56.72	25.9	25.4	30.5	30.9	27.4	25.4	27.6	31.5	25.3	96	97	78	79	84	93	87.8	-----
15	56.98	56.81	57.97	56.87	57	59.09	57.45	25.3	24.6	31.1	32	29	26.2	28	32.7	24.4	94	95	66	69	81	94	83.2	1.3
16	58.18	58.64	60.03	57.88	58.07	59.28	58.68	25.4	24.9	30.2	31.1	28.1	26.9	27.8	31.9	24.2	95	92	73	75	82	92	84.8	-----
17	58.91	59.14	59.90	58.27	58.71	60.23	59.19	25.1	24.4	30.7	33.3	29.2	28.6	28.6	34	24.2	93	95	72	62	76	82	80	-----
18	58.82	58.28	59.26	57.71	58.27	59	58.56	27.7	26.5	31	32.7	28	26.1	28.7	33.5	25.6	88	94	79	72	82	90	84.2	-----
19	58.28	57.39	58.47	56.38	57.35	58.89	57.79	25	25.4	30.6	32.9	29	26.1	28.2	34.5	24.4	93	93	78	68	86	95	85.5	.8
20	57.95	57.93	58.78	56.45	56.72	59.04	57.81	25.5	25.9	32	33.5	29.6	24.6	28.5	33.8	24.3	96	93	70	69	75	91	82.3	25.2
21	58.38	58.39	59.57	57.43	58.05	58.69	58.42	24.4	25	29.5	32.4	26.3	27.1	27.4	33.4	24.3	94	96	81	73	94	89	87.8	5.1
22	57.84	58.02	59.20	57.57	57.65	58.97	58.21	27.4	25.6	31.1	32.5	29.5	28.5	29.1	32.9	25.5	92	95	72	69	78	85	81.8	-----
23	58.40	58.28	58.86	57.02	56.86	58.03	57.91	26.4	25	32	32.6	30	26.6	28.8	32.9	24.6	89	95	74	70	75	91	82.3	-----
24	57.36	57.43	58.35	56.76	56.61	58.16	57.44	26	25.4	31.9	32.2	29	25.4	28.3	33	25.1	93	93	71	71	86	92	84.3	3.5
25	57.76	57.78	58.31	56.92	57.01	59.41	57.86	25.5	25.6	31.5	29.9	28.6	24.2	27.6	32.5	23.8	95	94	73	85	88	91	87.7	20.8
26	58.74	58	58.78	57.30	57.37	59	58.20	23.7	24.4	30.7	30	28.2	25.7	27.1	31.6	23.6	96	96	73	73	85	92	85.8	-----
27	58.23	58.09	58.91	57.66	58.02	59.40	58.38	25.2	24.9	31.6	31.9	28.6	25.5	28	32.1	24.7	93	92	69	71	82	93	83.3	-----
28	58.03	58.26	59.16	57.74	58.33	59.36	58.48	25.3	25	31.4	28.1	26.4	25.6	27	32.8	24.8	95	95	71	89	92	93	89.2	6.9
29	58.34	57.91	58.88	57	57.87	59.63	58.27	24.6	24.4	30	32	27.9	25.9	27.5	32.5	24.1	92	95	71	69	89	95	85.2	6.4
30	58.88	59.09	60.05	58.50	58.86	60.37	59.29	25	24.1	30.3	32.1	29	27.5	28	32.5	24	96	97	74	70	74	93	84	2.3
Mean	56.82	56.67	57.56	56.03	56.21	57.68	56.83	25.3	24.9	29.8	30.4	27.7	25.9	27.3	31.8	24.4	94.3	95.2	78.3	76.9	85.4	92.6	87.1	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	391

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSE	2	S	1	N	2	SSW	3	WSW	4	SSW	2	10	------------	N.-cf.	10	Ci.	Cu.-N.
2	SSW	2	S	1	WSW	3	WSW	4	WNW	3	SW	2	10	------------	N.-cf.	10	------------	N.-cf.
3	NNE	3	NNE	4	SE	1	WSW	4	SSW	2	SSE	2	10	------------	N.	10	------------	N.-cf. WSW
4	SSE	1	SSE	1	S	3	SW	2	WSW	2	Calm	----	10	A.-Cu.	N.-cf.	10	Ci.-S.	N.
5	SSE	2	S	3	SW	3	WSW	4	SW	3	SSW	1	10	Ci.-S.	Cu. SW	10	A.-Cu.	Cu.
6	SSE	2	SSW	1	NNW	2	SW	4	SSE	2	SSW	3	10	Ci.-S.	N.-cf.	10	------------	N.
7	S	3	S	3	E	1	SSW	2	SSE	2	S	2	10	Ci.	N.-cf.	10	------------	Cu.-N.
8	S	2	SSE	3	S	4	SSW	4	SSW	4	S	4	10	A.-Cu.	N.-cf. S	10	Ci.	Cu. SW
9	S	2	SSE	2	SSE	3	SSW	3	SSE	2	SSE	3	10	A.-Cu.	N.-cf.	10	------------	N.-cf.
10	SSE	2	SSE	5	SSE	4	SSE	4	SSW	2	SSE	3	10	------------	N.-cf.	10	------------	N.
11	SSE	5	SSE	4	S	3	SbyE	4	SE	3	SSE	3	10	Ci.-S.	N.-cf.	10	------------	N.-cf.
12	SE	3	SSE	4	SE	4	NNE	3	S	2	SSE	2	10	------------	N.-cf. SbyE	10	A.-Cu.	N.-cf. S
13	SSE	2	SSE	3	ESE	4	WSW	4	SSW	2	SSE	2	10	Ci.-S.	Cu.	8	A.-Cu.	N.-cf.
14	SSE	3	SE	3	SE	4	NNW	3	S	3	SSE	2	10	Ci.-Cu.	Cu. SE	10	Ci.-S.	N.-cf.
15	SSE	2	SSE	2	SE	4	NNW	3	SSW	2	SSE	1	9	Ci.	Cu.	10	Ci.-Cu.	N.-cf.
16	SE	1	SE	2	ESE	4	E	4	ESE	2	ESE	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
17	S	2	S	1	SSE	4	NNE	4	NNE	4	NNE	4	10	Ci.-S.	S.-Cu.	10	A.-Cu.	Cu.
18	SE	1	SSE	1	NW	3	NW	4	SbyE	4	SSE	2	10	Ci.	Cu. N	10	Ci.	Cu.
19	SSE	2	SSE	3	E	3	SSE	3	S	2	SSE	1	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. S
20	SSE	1	SSE	4	SE	4	WNW	4	NbyW	4	WNW	4	10	Ci.-S.	S.-Cu.	10	Ci.	Cu.
21	WNW	2	S	1	ESE	3	N	4	SE	1	N	4	10	------------	Cu.-N.	10	Ci.	Cu. NE
22	NE	2	SE	2	SE	3	WNW	4	N	4	NNW	3	8	A.-Cu.	S.-Cu.	10	Ci.-Cu.	Cu.
23	SSE	1	SSE	1	NNW	4	NW	4	NW	3	SSE	2	2	Ci.	Cu.	5	Ci.-S.	Fr.-Cu. NW
24	SSE	2	SSE	2	E	4	NW	3	S	1	SSE	2	3	Ci.	Cu.	7	Ci.	Cu.-N.
25	SSE	2	SSE	3	SSE	4	NW	2	SSW	1	SE	5	10	Ci.-S.	Cu.-N.	7	------------	Cu.-N.
26	SE	2	SE	2	SE	4	SSW	4	S	1	SSE	2	10	A.-Cu.	S.-Cu.	10	A.-Cu.	N.-cf.
27	SSE	2	SSE	3	S	3	W	4	WSW	2	S	1	10	Ci.-S.	Cu.	3	Ci.	Cu.
28	SSE	1	SE	2	SE	4	SSE	2	SSE	3	SE	2	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
29	SE	4	SE	2	SE	4	WSW	4	S	1	SE	1	10	Ci.	Cu.	10	Ci.	Fr.-Cu. SSE
30	SE	1	SE	1	E	4	N	4	N	4	Calm	----	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
Mean	-------	2.1	-------	2.3	-------	3.3	-------	3.5	-------	2.5	-------	2.2	9.4	------------	------------	9.3	------------	------------

BOLINAO.

[φ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

OCTOBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a.m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.81	59.86	60.87	58.57	58.41	59.55	59.51	25.2	24.3	31.4	32.9	29.5	28.5	28.6	33.1	24.3	95	97	71	68	78	82	81.8	-----
2	58.67	58.30	58.53	56.30	56.65	57.66	57.68	27.6	25	31	32.5	29.6	26.6	28.7	33.4	25	88	93	77	70	75	94	82.8	-----
3	56.09	56.11	56.60	54.57	55.08	56.22	55.78	25.8	26	31.6	31.7	28.5	25	28.1	33	24.7	95	95	76	71	88	92	86.2	27.7
4	54.93	55.49	56.61	54.67	55.05	56.28	55.50	25.4	25.1	31.6	32.1	29.6	26	28.3	33	24.6	93	96	73	72	78	94	84.3	33
5	55.79	55.54	56.20	54.68	54.87	56.03	55.52	24.6	24.1	31.8	32.2	28.8	26.5	28	32.9	23.8	95	95	72	73	80	92	84.5	12.9
6	55.33	54.96	55.66	53.77	54.02	55.46	54.87	25.6	25.2	31.1	32	28.9	26.1	28.2	32.6	25	95	97	79	70	83	93	86.2	1.3
7	54.60	54.31	55.30	53.77	53.62	55.65	54.54	26.2	26	31.6	32.1	29.2	25.7	28.5	32.5	25.1	94	94	72	71	78	92	83.5	5.3
8	54.10	54.60	55.82	54.17	54.13	55.53	54.72	24.5	24.7	30.4	32.6	28.6	26.6	27.9	33.5	24.4	93	92	69	63	82	92	81.8	-----
9	54.62	55.18	56	54.17	54.88	56.65	55.25	26.6	25.2	31.2	32.6	29	25.6	28.4	33.1	24.9	90	88	65	62	78	88	78.5	12.4
10	55.53	55.98	56.85	55.83	57.57	59.03	56.80	25.5	25.6	31.6	32.6	27.1	26.4	28.1	34	25.2	87	81	68	65	87	95	80.5	1.8
11	59	58.99	60.08	58.82	59.58	61.71	59.70	25.6	25.6	31.2	32.2	28.3	24.1	27.8	33.6	24	92	92	72	71	80	90	82.8	43.4
12	60.17	59.87	60.15	58.25	58.46	59.53	59.40	24.1	24.1	30.2	31.6	29.1	25	27.4	31.7	23.9	95	96	81	75	81	94	87	20.8
13	58.18	58.10	58.36	56.53	56.17	57.14	57.41	24.4	24	31.4	31.9	28.5	26.4	27.8	32.7	23.9	95	97	71	71	85	94	85.5	1.6
14	56.96	56.74	57.47	56	55.95	56.99	56.68	25.2	24.4	29.9	30	25.6	25.1	26.7	31.5	24.1	95	95	73	75	93	90	86.8	2.6
15	56.65	56.44	57.46	56.05	56.57	57.90	56.84	25.3	25.5	31	31.9	29.5	26.3	28.2	32.8	25.1	91	91	69	68	81	90	81.7	-----
16	57.40	57.18	58.12	56.94	57.72	58.84	57.70	25.5	25.6	31.4	31.2	28.2	26.9	28.1	32.6	25.3	93	88	68	72	85	90	82.7	.3
17	58.07	58.26	59.58	56.95	57.21	58.79	58.14	25.5	25.5	30.4	32.2	28.8	26.4	28.1	32.7	25.4	95	96	77	71	79	90	84.7	-----
18	57.65	58.15	59	57.20	57.51	58.57	58.01	25.6	25.5	31.4	32.4	29.1	28.6	28.8	32.7	25.4	92	93	75	70	82	85	82.8	-----
19	57.62	57.34	58.72	56.91	57.66	58.92	57.86	28.1	27	32	32.5	29.5	27.5	29.4	33	27	85	86	69	64	81	87	78.7	-----
20	58.18	58.60	59.49	57.16	57.12	58.97	58.25	25.9	25.8	31	32.9	29.5	26.9	28.7	33.5	25.8	92	95	71	64	76	90	81.3	-----
21	58.19	58.13	58.68	56.78	57	57.89	57.78	25.5	24	32.1	32	28.4	25.7	28	33.5	23.9	93	93	72	72	86	92	84.7	-----
22	57.03	57.28	58.06	56.03	56.01	57.32	56.96	25.2	25.2	30.7	31.5	28.8	25.5	27.8	32.7	24.8	93	97	77	72	78	92	84.8	-----
23	55.46	54.93	55.37	52.81	52.01	52.17	53.79	25.5	25	30.1	30.6	29.9	29.1	28.4	31	23.9	92	92	77	80	80	79	83.3	3.4
24	49.76	48.83	49.62	47.33	47.38	48.40	48.55	28.5	28.9	30	30.6	26.9	27	28.6	31.4	26.4	79	79	73	76	90	89	81	-----
25	47.39	47.34	48.92	48.22	50.51	52.25	49.10	27.9	27.9	29.7	27.6	25.6	25.2	27.3	30	24.3	77	77	70	74	84	86	78	4.3
26	53.24	53.39	55.26	54.42	55.20	56.93	54.74	23.4	23	30	29.6	25.4	25	26.1	32.5	22.7	90	93	66	72	87	92	83.3	1
27	56.24	56.64	57.82	55.98	56.41	56.98	56.68	24.6	24.5	31	31.4	28.4	27.6	27.9	31.7	24.2	93	92	69	70	82	91	82.8	1
28	55.94	55.24	56.07	53.89	53.94	55.19	55.04	27.5	27.5	29.1	29.6	27.2	27.1	28	30	26.9	81	81	75	75	77	77	77.7	-----
29	53.48	52.78	52.84	49.98	49.80	49.70	51.43	26.8	27.1	26.5	26	25.6	25.1	26.2	28	24.9	80	80	84	87	92	-----	84.6	60
30	49	50.16	52.46	51.94	53.27	54.24	51.84	24.3	24.4	25.1	26.1	24.4	24.4	24.8	26.5	23.4	-----	93	95	85	90	91	90.8	20.6
31	54.14	54.40	56.27	55.09	56.32	57.95	55.70	23.7	23.5	27.6	30.4	26.4	24.6	26	30.5	23.2	91	91	78	73	89	92	85.7	-----
Mean	55.78	55.78	56.72	54.96	55.36	56.59	55.86	25.6	25.3	30.5	31.2	28.1	26.2	27.8	32.1	24.7	90.6	91.1	73.7	71.7	82.7	89.8	83.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	253.4

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	S	1	S	1	SE	3	N	4	N	3	N	3	10	Ci.	Cu.	3	Ci.-Cu.	Cu.
2	NE	2	SSE	1	NW	3	NNW	4	NW	3	SE	1	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.
3	SE	2	SE	2	ESE	3	N	3	S	3	S	1	10	Ci.-S.	Cu.	10	A.-Cu.	Cu.-N.
4	SE	3	SSE	2	ESE	4	NW	3	NW	3	SE	2	10	Ci.-S.	S.-Cu.	10	Ci.	Cu.
5	SSE	2	SSE	2	SE	4	WNW	4	WSW	3	SSE	1	3	Ci.	Cu.	4	A.-Cu.	Cu.
6	SSE	1	S	2	ESE	4	WSW	4	SW	2	S	1	2	Ci.	Cu.	1	-----	Cu.
7	SSE	1	SSE	2	ENE	4	WNW	4	NW	2	SSE	4	10	A.-Cu.	Cu.	7	Ci.	Cu.
8	SSE	3	SSE	4	SE	4	ESE	4	E	1	SE	1	10	Ci.	Cu.	10	Ci.	Cu.-N.
9	SE	4	SE	1	SE	4	E	4	NE	4	SSE	3	10	Ci.-S.	Cu.	10	Ci.	Cu.
10	SSE	3	SE	4	ESE	4	ESE	3	NE	4	SSE	1	10	Ci.-S.	S.-Cu.	10	A.-Cu.	Cu. SE
11	SSE	3	SSE	4	SSE	4	NW	4	NNW	3	SW	3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.
12	SSE	1	SSE	1	NNW	2	NW	4	NW	4	Calm	-----	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
13	SSE	1	SSE	1	SE	2	WNW	4	E	2	SSE	1	10	Ci.-S.	Cu.	10	Ci.	Cu. NW
14	S	1	SSE	1	E	4	ESE	4	SE	3	SE	4	10	Ci.-S.	S.-Cu.	10	-----	N.-cf. SE
15	SE	4	SSE	4	SSE	4	SE	4	SSE	2	SE	2	10	A.-Cu.	S.-Cu.	10	A.-Cu.	Cu.
16	SSE	2	SE	4	SE	4	W	3	S	1	SE	2	10	-----	S.-Cu. SE	10	A.-Cu.	Cu. S
17	SE	3	SE	3	ESE	4	NNW	4	NW	3	N	2	10	-----	Cu.-N.	10	Ci. E	Cu.
18	SSE	2	ESE	1	NNE	4	NNW	4	NNE	4	N	4	10	Ci.	Cu. N	5	-----	Fr.-Cu. N
19	NNE	4	NNE	3	E	4	NNW	4	NNW	4	S	1	5	Ci.	Cu.	9	Ci.-S. E	Cu.
20	SSE	1	ESE	1	ESE	4	SE	4	N	4	SSE	1	10	Ci.	Cu. ESE	1	Ci.	Cu.
21	SSE	1	SSE	2	N	4	N	3	SE	1	SSE	1	5	Ci.-S.	Cu.	10	Ci. E	Cu.-N.
22	SSE	1	SSE	2	NW	2	NNW	3	NNW	3	S	1	10	Ci.-S. SW	Cu.	10	Ci.-S. SE	Cu.
23	NNE	2	NNE	3	NNE	4	N	5	N	5	NNE	5	10	Ci.-S. ESE	S.-Cu.	10	Ci.-S.	Cu. NNE
24	NNE	7	NNE	7	NNE	5	ENE	4	SSE	2	SE	3	10	-----	N.-cf. NE	10	-----	Cu. E
25	SE	7	SE	8	SE	8	SE	10	SE	8	SE	7	10	-----	N.-cf. SSE	10	A.-Cu. S	S.-Cu. SSE
26	SE	6	SE	2	SE	5	SW	4	SSE	4	SE	1	10	Ci.-Cu. E	Cu. SSE	8	Ci.	S.-Cu. S
27	SE	1	SE	2	WNW	4	WNW	4	NW	4	NW	5	10	Ci.-S. S	Cu.	10	Ci.-S. ENE	Cu.
28	NNE	6	N	6	N	7	NNE	7	NNW	8	NNW	8	10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu. NNE
29	NNW	8	NW	7	NW	9	WNW	9	WNW	9	SW	10	10	-----	N.-cf. NW	10	-----	N.-cf. NW
30	SW	9	SW	7	SW	4	SW	5	SW	5	SSW	5	10	-----	N.	10	-----	N.
31	SSE	5	SE	4	SE	4	SSE	4	SE	4	SSE	3	10	Ci.-S.	Cu. SSE	10	A.-Cu.	Cu. S
Mean	-----	3.1	-----	3	-----	4.2	-----	4.3	-----	3.6	-----	2.8	9.2	-----	-----	8.6	-----	-----

BOLINAO.

[φ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

NOVEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.16	58.41	58.99	57.66	58.09	59.68	58.33	23.8	24.6	30.7	30.1	28	25.8	27.2	31.5	23.8	93	93	70	75	82	92	84.2	1
2	59.06	59.15	60	57.87	58.11	58.67	58.81	24.6	24.1	30.5	31	28.1	26.6	27.5	31.9	24	93	95	77	75	85	92	86.2	-----
3	57.43	56.64	56.27	51.59	47.48	35.83	50.87	25.1	24.2	29.9	28.5	27.9	26.6	27	30.3	23.6	95	97	69	85	86	-----	86.4	149.8
4	43.09	50.21	54.85	54.26	56.25	58.05	52.78	24.8	22.8	23	26.4	25.1	24.9	24.5	26.6	22.6	90	-----	96	89	88	92	91	41.2
5	57.95	58.45	59.60	57.63	58.39	59.74	58.63	24.8	24.8	30.6	31	27.1	25.6	27.3	32.5	24.5	87	92	69	75	91	95	84.8	.5
6	58.93	58.72	59.16	56.72	57.38	59.07	58.33	25.4	26.4	30.5	31	27.9	25.4	27.8	31.1	24.4	92	90	78	77	86	92	85.8	-----
7	58.18	58.30	58.92	57.12	57.73	58.93	58.20	23.9	23	29.8	31.5	28.1	26.5	27.1	31.9	22.9	95	97	70	60	82	89	82.2	-----
8	58.43	58.70	59.75	57.96	58.09	59.27	58.70	23.7	23.6	30.1	30.9	28	27.4	27.3	31.5	23.4	92	96	71	73	83	86	83.5	-----
9	58.64	58.92	59.60	57.50	57.83	58.98	58.58	26.8	25.1	30	31.5	28	27.9	28.2	31.7	24.9	88	92	79	75	83	87	84	-----
10	57.75	57.58	57.72	55.57	55.53	55.88	56.67	26.7	24.1	31	30	27.1	25.6	27.4	31.5	23.9	89	96	72	75	87	93	85.3	3.3
11	54.85	55.09	57.26	56.24	56.55	57.74	56.29	25.3	24.6	25.4	26.4	24.6	25.1	25.2	27.5	24.4	93	95	85	86	92	88	89.8	8.6
12	56.56	57.06	58.49	56.78	58.24	59.47	57.77	25.2	25.4	28.5	31.2	26.5	25.8	27.1	31.6	25	87	86	73	64	84	90	80.7	-----
13	58.79	58.87	59.60	58.34	59.03	60.81	59.24	25.5	24.9	29.5	30.5	27.8	23.9	27	30.9	23.7	91	92	71	73	83	93	83.8	3
14	60.21	60.36	61.37	59.47	59.40	60.73	60.26	23.9	25.6	29.4	29.4	27.1	26.8	27	30	23.7	95	95	76	78	87	87	86.3	-----
15	60.23	60.43	61.30	59.19	59.13	60.08	60.06	23.5	24.4	30.1	31.6	27.9	26.2	27.3	32	23.1	91	96	69	65	79	85	80.8	-----
16	59.43	59.73	60.70	58.31	58.64	59.76	59.43	23.5	24	30.4	31	27	24.8	26.8	32	23	95	95	64	64	80	92	81.7	-----
17	58.58	58.60	59.52	57.91	58.23	59.64	58.75	24.3	23.9	30.6	31.4	28	25.8	27.3	31.7	23.5	91	93	68	63	77	85	79.5	-----
18	59.24	59.93	61.11	59.22	59.34	61.36	60.03	24.5	24.1	30	31	27.7	24.9	27	31.3	23	90	83	65	56	77	79	75	-----
19	60.85	60.96	61.93	60	60.06	61.29	60.85	23.6	22	30	30.9	28.1	25.6	26.7	31.5	21.4	88	88	66	58	77	88	77.5	-----
20	60.69	60.90	61.58	59.60	59.40	60.27	60.41	24.5	22.6	30.4	31	28.5	25.2	27	31.6	22.5	92	88	66	65	72	92	79.2	-----
21	60.04	59.60	60.70	58.81	58.82	59.51	59.58	24.7	23	30	31.4	28.2	26.1	27.2	31.9	22.7	93	93	69	66	83	92	82.7	.3
22	59.08	58.56	59.46	58.02	57.92	59.49	58.76	25	23	30.1	31	28	25.4	27.1	31.5	22.7	92	92	71	68	82	88	82.2	-----
23	58.75	58.77	59.71	57.32	57.37	58.49	58.40	23.7	22.9	30.2	31	28.4	26.8	27.2	31.5	21.6	91	90	65	63	79	89	79.5	-----
24	57.82	57.74	58.48	56.63	56.72	57.38	57.46	25.4	23.1	30.6	31	28.1	26.6	27.5	31.7	23	92	95	69	67	85	90	83	-----
25	56.55	56.64	57.42	55.25	55.52	56.64	56.34	24.8	23.5	30	31.1	28.2	26.8	27.4	32	23.3	93	97	70	68	80	90	83	-----
26	55.62	55.64	56.86	55	55.42	57.16	55.95	25.6	23.9	30.9	31.5	28.1	24.1	27.4	32.5	23.5	92	93	71	70	82	92	83.3	2.8
27	56.38	56.70	57.88	56.01	56.37	57.64	56.83	25.3	25	29.9	30.5	27.6	26.5	27.5	31.1	24.9	90	92	73	72	85	86	83	-----
28	56.85	57.25	58.08	56.61	57.14	58.19	57.35	24.7	24	30.6	31.2	27.9	26.6	27.5	32.1	23.8	92	97	71	71	86	86	83.8	-----
29	57.40	58	59.08	57.66	57.89	59	58.17	27	27	30.4	29.4	27	26.2	27.8	31.1	25.6	84	84	74	78	83	90	82.2	-----
30	58.51	59.18	60.21	58.20	58.35	59.85	59.05	25.2	26	27	28.2	27	23	26.1	29.8	21.4	92	78	77	70	81	91	81.5	-----
Mean	57.77	58.17	59.19	57.28	57.48	58.29	58.03	24.8	24.2	29.7	30.4	27.6	25.8	27.1	31.2	23.5	91.3	92.1	72.1	70.8	82.9	89.3	83.1	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	210.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	4	ESE	4	SSE	4	NNE	4	NNE	3	S	1	7	Ci.-Cu. S	S.-Cu.	10	Ci.-S.	Cu. SSE
2	S	1	SSE	1	N	4	NNW	3	SSW	1	S	1	10	Ci.-S.	Cu. NNE	2	A.-Cu.	Cu.
3	SE	1	ESE	1	N	4	NNW	6	NNW	8	WNW	12	10	Ci.-S.	Cu. NNE	10	------------	N.-cf.NNE
4	SE	8	SE	10	SE	9	SE	5	SSE	3	SE	3	10	------------	N.	10	------------	N.-cf.SSE
5	SE	2	SE	4	SE	4	NNW	3	Calm	----	S	1	5	Ci.-S.	Cu. SSE	10	------------	N.-cf. S
6	NNE	2	NNE	3	ESE	3	N	4	NNW	3	S	1	10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu. NNE
7	SE	1	SE	1	SE	4	ESE	4	NNW	3	NNE	2	2	Ci.-Cu.	Cu.	1	A.-Cu.	Cu.
8	SE	1	SE	1	ENE	4	NNW	4	NW	4	N	4	2	Ci.-S.	Cu. NE	1	------------	Cu.
9	NNE	3	SE	1	E	4	WNW	4	WNW	4	N	4	2	Ci.-S.	Cu.	7	------------	Fr.-Cu.NW
10	NNE	3	NNE	2	NNW	3	NNW	3	SE	1	SE	2	8	Ci.-S.	Cu. NE	10	Ci.-S.	S.-Cu.NNE
11	ESE	2	ESE	2	SE	5	SSE	4	SE	2	SE	4	10	------------	N.-cf. SE	10	------------	N.
12	SE	4	SE	4	SE	5	SSE	5	E	3	ESE	2	10	A.-Cu.	N.-cf. SSE	10	Ci.-S.	Cu. S
13	ESE	3	E	3	SE	4	N	4	NNE	4	S	1	10	Ci.-S. NNW	Cu.	2	A.-Cu.	Cu.
14	SE	1	N	3	N	4	N	4	N	4	NNE	3	9	Ci.-S.	Cu. NNE	9	Ci.-S.	Cu. NNE
15	SE	2	SE	2	ESE	4	WNW	4	NNE	2	NNE	2	6	Ci.-S.	Fr.-Cu. SSE	1	Ci.-S.	Cu.
16	SE	1	SSE	2	SE	3	NNE	3	NNE	2	SE	1	3	Ci.	Cu.	6	A.-Cu.ESE	Cu.
17	SSE	2	SE	2	ESE	4	N	4	NNE	4	SE	3	8	A.-Cu. S	Cu.	3	Ci.	Cu.
18	SE	3	SE	4	E	4	NE	4	N	4	SE	4	1	------------	Cu.	3	Ci.	Cu.
19	SE	2	SE	2	NW	3	NW	3	NNE	4	SE	2	9	Ci.	Cu. NNW	1	Ci.-S.	Cu.
20	SE	2	SE	3	N	3	NNW	3	N	4	ESE	1	1	------------	Fr.-Cu.	1	------------	Cu.
21	SSE	1	SSE	2	E	3	NW	3	NNE	3	SSE	2	1	------------	Cu.	1	Ci.-S.	Cu.
22	SSE	1	SSE	1	NW	3	N	4	NNE	2	SSE	1	1	------------	Cu.	1	A.-Cu.	Cu.
23	SSE	1	SSE	2	NE	4	N	4	NNW	3	SSE	3	1	------------	Cu.	1	------------	Cu.
24	SE	1	ESE	1	NW	4	N	4	NNE	4	ESE	1	4	Ci.-S.	S.-Cu.	4	A.-Cu. SE	Cu.
25	SE	1	SE	1	ESE	4	NNE	4	NNE	4	SE	2	10	Ci. W	Cu.	4	Ci.	Cu.
26	SE	1	SE	2	E	4	NNE	4	NNW	3	SE	2	8	------------	Cu. NNE	2	A.-Cu.	Cu.
27	SE	3	SE	2	ESE	3	NNE	2	N	4	NE	3	10	Ci.-S.	N.-cf. SE	10	A.-Cu. SE	Cu.
28	SE	1	SE	1	E	4	NNE	4	N	4	NE	2	10	A.-Cu.	Cu. NNW	7	Ci.	Cu.
29	N	4	N	4	N	4	N	4	N	4	ESE	1	10	Ci.-S.	N.-cf.NNE	10	Ci.-S.	Cu. NNE
30	ESE	1	N	4	N	4	N	3	NNE	3	SE	1	10	------------	N.-cf.	10	------------	N.-cf.
Mean	-------	2.1	-------	2.5	-------	4	-------	3.8	-------	3.2	-------	2.4	6.6	------------	------------	5.6	------------	------------

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 9.7 meters; gravity correction not applied, —1.65 mm.]

DECEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.08	59.41	60.62	58.28	59.01	60.23	59.44	21.1	22.6	30	31	27.8	26.1	26.4	31.4	21	95	90	66	68	80	87	81	------
2	59.28	59.45	60.64	58.82	59.07	60.15	59.57	24.2	24	28	29.5	25.8	24.9	26.1	29.9	23.6	90	91	79	71	87	85	83.8	------
3	58.95	58.88	59.73	58.11	58.24	59.59	58.92	23.5	22.6	29	31.4	26.5	26	26.5	31.6	22.4	88	88	65	59	81	76	76.2	------
4	58.90	58.93	59.91	57.88	57.92	58.95	58.75	23.6	22	29.8	30.9	25.2	24.5	26	31	21.9	86	86	56	58	82	79	74.5	------
5	58.12	58.18	58.89	57.22	57.19	58.36	57.99	22.2	21	29.9	31.4	25.9	22.6	25.5	31.5	20.9	82	92	66	59	76	91	77.7	------
6	57.58	57.06	57.64	55.30	54.77	55.15	56.25	21.9	21	29.5	29.5	26.5	27.1	25.9	30.6	20.7	95	92	62	58	73	72	75.3	------
7	53.36	51.96	52.07	49.78	48.95	49.48	50.93	27.1	27.1	28.2	27.1	27	28	27.4	28.5	26.5	76	86	84	87	86	79	83	1
8	48.80	49.60	51.65	50.94	51.60	53.26	50.98	27.4	27	26.6	25.6	25.9	25.4	26.3	28.1	23.9	81	74	81	88	85	80	81.5	7.7
9	53.03	54.42	55.68	54.82	55.84	57.28	55.18	25.6	26	29.5	29.6	26.9	25	27.1	30.8	24.5	81	81	71	75	83	91	80.3	2.5
10	56.85	57.35	58.58	56.93	57.65	59.03	57.73	24.4	24.4	30.9	30.3	26.5	25.4	27	31.5	24.1	93	93	65	73	84	90	83	4.1
11	57.44	57.10	58.24	56.30	56.63	58.05	57.29	24.5	23.8	25.6	28.1	25.6	24	25.3	28.5	23.3	94	97	95	83	92	96	92.8	.3
12	56.96	56.77	57.65	55.94	56.35	57.29	56.83	23.2	22.9	28.3	28.6	26.3	24.8	25.7	29.5	22.6	97	97	83	80	87	93	89.5	10
13	56.45	56.66	57.67	55.53	56.05	57.27	56.60	23.6	24.6	28.5	30.7	27.4	26.7	26.9	30.9	23.4	95	97	85	76	83	83	86.5	------
14	56.68	56.88	58.45	56.34	56.37	57.57	57.05	26.5	26.7	27.1	28	26.6	26.9	27	28.5	26.1	84	84	84	82	87	88	84.8	2
15	57.01	57.43	59.03	57.04	57.75	58.58	57.81	26	24.9	29	30.1	27	24.4	26.9	30.5	24.1	93	96	79	73	84	91	86	------
16	58.08	58.40	59.45	57.68	57.89	59.54	58.51	24.8	24	30.1	29.5	27.4	25.4	26.9	31.2	23.3	92	96	65	75	81	87	82.7	------
17	59.08	59.56	60.63	58.53	58.38	59.48	59.28	23.6	26.1	28.5	27.1	26	25.8	26.2	28.7	23.4	92	89	80	77	81	78	82.8	.5
18	59.09	59.29	60.64	59.05	59.11	60.62	59.63	26	26	28.6	28.4	26.4	26.3	27	29.9	24.2	76	76	63	70	79	78	73.7	------
19	60.09	60.13	61.29	59.63	59.78	60.59	60.25	22.3	22	28.5	29.5	26.6	24.3	25.5	30.3	21.6	80	81	58	58	77	87	73.5	------
20	60.57	60.78	61.73	59.87	60.19	61.61	60.79	23	21.5	28.1	28.9	26.7	25	25.5	29.6	21.2	88	87	69	63	77	88	78.7	------
21	60.65	61.01	62.32	60.54	60.44	61.49	61.08	23.2	22.1	29.5	30	26.6	26.5	26.3	30.5	22	90	90	64	66	76	84	78.3	------
22	60.39	59.96	61.48	59.15	59.36	60.77	60.18	26.1	25.9	28.5	29.1	26.6	24.1	26.7	29.6	23.2	83	81	70	71	81	77	77.2	------
23	59.78	59.96	61.27	59.67	59.78	60.98	60.24	22.3	22.6	28.5	29.7	26.2	24.3	25.6	30.6	21.2	86	79	61	60	76	85	74.5	------
24	60.16	60.55	61.56	59.56	59.74	60.89	60.41	22.5	20.4	28.4	30	27.2	24.1	25.4	30.6	20.4	81	89	62	62	73	82	74.8	------
25	60.29	60.33	61.18	58.94	59.53	60.50	60.13	23.6	22	30	30.6	27	23.5	26.1	30.9	21.7	83	91	71	68	77	89	79.8	------
26	59.87	59.57	60.46	58.58	58.60	59.66	59.46	22.1	22.1	27.5	30.5	26	22.5	25.1	30.7	21.4	93	95	77	63	82	93	83.8	------
27	58.48	59	59.45	56.63	56.99	57.86	58.07	21.8	21	29.8	30.5	27.1	24.1	25.7	31.5	20.8	95	96	71	65	78	90	82.5	------
28	56.90	56.93	58.06	55.83	56.87	57.37	56.99	22.6	21.9	30.5	31.1	27.4	26.9	26.7	31.5	21.5	93	96	75	69	84	87	84	------
29	56.83	56.92	58.18	56.59	57.95	58.94	57.57	26	26.6	28.1	29.2	26.9	26.6	27.2	29.5	26	89	87	85	81	86	88	86	.5
30	58.31	58.45	59.77	58.22	58.62	59.25	58.77	26.5	26.5	29.4	30.9	27.5	26.9	28	31.1	25.7	90	90	78	72	85	88	83.8	------
31	58.63	59	60.21	58.03	58.29	59.41	58.93	24.4	23.4	29.9	30.8	27.9	24.6	26.8	31	23	92	97	74	74	86	95	86.3	.5
Mean	57.93	58.06	59.17	57.28	57.58	58.68	58.12	24.1	23.7	28.8	29.6	26.7	25.2	26.3	30.3	22.9	88.2	89.2	72.4	70.5	81.6	85.7	81.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	29.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	1	SE	2	ESE	3	N	4	N	4	SE	3	10	Ci.-S. SSW	S.-Cu.	10	A.-Cu. SE	Cu.
2	SE	3	SE	2	SSE	2	N	2	SE	2	SE	2	10	A.-Cu. S	Cu. SSE	10	------------	N.-cf. S
3	SE	2	SE	3	SE	4	E	4	ESE	1	SE	4	4	Ci.-S.	Cu.	10	Ci.-S. SSW	Cu.
4	SE	3	SE	3	E	4	N	4	ESE	2	SE	4	10	Ci.	Cu.	10	Ci. SSW	Cu.
5	SE	4	SE	2	N	3	NNW	3	SW	1	SE	1	10	Ci.-S. SSW	Cu.	10	Ci.-S. SSE	Cu.
6	SE	1	SE	2	NW	3	N	4	NNW	4	NNW	4	10	Ci. ESE	Cu.	10	Ci.-S. SE	Cu.
7	N	5	N	6	N	7	N	7	N	8	NNE	7	10	------------	N.-cf. NNE	10	------------	N.
8	SE	2	SE	7	SE	8	SE	8	SE	6	SE	6	10	------------	N.-cf. SE	10	------------	N.
9	SE	8	SE	6	SE	6	SSE	5	S	4	S	2	10	Ci.-Cu.	Cu. SSE	7	A.-Cu. S	Cu. SSE
10	SSE	2	SE	2	SE	4	NW	3	NW	4	NNW	2	10	Ci.-S.	Cu. SSE	7	Ci.	Cu.-N.
11	SE	1	SE	1	ESE	1	ENE	3	S	1	S	1	10	------------	N.-cf. SSE	10	------------	N.-cf. E
12	SE	1	SE	1	NNW	2	NW	3	W	3	S	1	10	------------	N.-cf. SSE	10	Ci.-Cu.	N.-cf. NW
13	SSE	1	Calm	----	NW	2	NW	4	N	5	N	5	10	------------	N.-cf. NNE	10	Ci. S	Fr.-Cu. NW
14	N	6	N	5	N	5	N	5	N	4	N	4	10	------------	N.-cf. NNE	10	------------	N.-cf. NNE
15	N	3	SE	1	N	3	N	4	N	3	S	1	10	A.-Cu. SE	S.-Cu.	10	Ci. WSW	Cu.
16	NNE	2	ESE	1	ESE	4	N	3	NNW	3	NW	2	10	Ci.-S.	S.-Cu. SSE	10	Ci.-S. W	Cu.
17	S	1	N	4	N	5	N	6	N	6	N	6	7	Ci.	Cu. NNE	10	------------	N.-cf. NNE
18	N	5	N	5	N	5	NNE	5	N	5	N	5	10	Ci. SSE	Cu.	10	Ci.-S.	S.-Cu. SE
19	SE	3	SSE	3	S	4	N	4	NNW	4	SSE	3	10	Ci.-S.	N.-cf. S	10	A.-Cu. WSW	Cu.
20	SSE	3	SSE	2	SSE	4	E	3	N	4	E	2	8	Ci.-S. W	S.-Cu.	8	Ci.-S. SW	Cu.
21	SSE	2	SSE	2	E	4	N	4	N	4	N	5	10	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
22	N	4	N	4	N	4	N	4	NNE	4	SSE	3	8	Ci.-S.	Cu. NNE	9	Ci.-S. SSW	Cu.
23	SSE	2	SSE	3	SSE	4	NNE	4	N	4	SSE	3	10	Ci. WSW	Cu.	8	Ci. SW	Fr.-Cu. SE
24	SE	4	SSE	2	SE	4	E	3	NNW	4	SE	3	6	Ci.	Fr.-Cu. SSW	10	Ci.-S.	S.-Cu. SSE
25	SE	4	SSE	1	N	4	NNW	4	NW	4	SE	1	8	Ci.-S.	Cu. NNE	7	------------	Fr.-Cu. N
26	SE	1	SE	1	SE	4	N	4	NNW	3	S	1	10	Ci.-S. SW	Fr.-Cu.	10	Ci.-S. SbyW	Cu.
27	SSE	1	Calm	----	N	4	NNW	4	NNW	4	S	1	10	Ci.-S. SW	Cu.	3	Ci.-S.	Cu.
28	S	1	S	1	NNW	4	NW	4	NNW	4	N	3	1	Ci.	Cu.	1	------------	Cu.
29	NE	2	N	4	N	4	NNW	4	N	4	N	4	10	------------	N.-cf. NNE	10	A.-Cu.	N.-cf. NbyW
30	NNE	3	NNE	4	N	4	N	4	N	4	N	3	10	Ci.-S.	N.-cf. NNE	10	Ci. S	N.-cf. NNE
31	S	1	S	1	W	4	WNW	3	NNW	3	S	1	3	Ci.-S.	S.-Cu.	10	Ci.-S.	N.-cf. SSE
Mean	------	2.6	------	2.6	------	4	------	4.1	------	3.7	------	3	8.9	------------	------------	8.8	------------	------------

BAGUIO.[a]

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

JANUARY, 1915.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	38.12	37.95	38.94	37.60	37.94	38.15	38.12	14.3	12.8	21	22	16.4	15.2	17	22.8	11.5	100	95	51	64	75	72	76.2	------
2	37.93	38.27	39.45	37.76	37.89	38.02	38.22	14.5	13.9	21.6	23.2	17.9	15.4	17.8	24	13.2	73	71	38	51	72	81	64.3	------
3	37.61	37.99	39.38	38.05	38.74	38.90	38.44	14.1	13.5	22.5	23	16.6	14.4	17.4	23.5	13.2	88	83	37	61	80	83	72	------
4	38.37	38.53	39.85	38.49	39.33	39.61	39.03	13.4	13.5	20.8	23	18	16.9	17.6	24.8	12.8	79	64	33	57	69	83	64.2	------
5	39.28	39.35	40.03	38.25	38.65	39.31	39.14	16.1	16.9	21.5	21.9	18.2	16.9	18.6	24	15.6	86	78	62	70	93	94	80.5	------
6	38.95	38.89	39.75	37.79	38.14	38.48	38.67	16.3	16	20.9	19.1	17.5	16.6	17.7	23.2	15.1	96	93	76	89	90	94	89.7	.5
7	37.94	38	38.71	37.09	37.63	38.11	37.91	15.9	15.2	20.9	19.3	17.9	16.7	17.6	24.9	14.7	99	96	77	88	87	94	90.2	------
8	37.42	37.66	38.89	37.39	37.82	38.37	37.92	15.7	15.9	18.2	19.9	17.8	15.2	17.1	23.8	14.4	96	88	76	80	78	93	85.2	------
9	37.46	37.85	39.30	37.74	38.06	38.90	38.22	14.5	14.3	21.7	24	17.9	15.5	18	24.9	13.8	84	75	46	62	72	86	70.8	------
10	38.13	38.37	39.98	38.48	38.90	39.43	38.88	15.2	15.4	21.5	20.9	17.5	16.1	17.8	25.3	14.5	87	78	57	77	87	93	79.8	------
11	38.96	39.09	40.55	38.95	38.94	39.47	39.33	15	14.6	20	21	16.9	16.1	17.3	23.5	13.8	94	82	74	66	78	79	78.8	------
12	38.41	38.54	39.83	38.48	39.04	39.57	38.98	15	13.8	20.1	21.4	16.9	16.1	17.2	23.8	13	78	63	56	65	95	90	74.5	------
13	39.11	39.14	40.35	39.44	39.79	40.34	39.70	14.3	13.5	21.9	20.9	16.5	15.5	17.1	24.8	13.1	94	77	45	76	92	92	79.3	------
14	39.88	39.52	40.65	39.29	39.36	39.73	39.74	14.3	14.5	20.9	21.5	16.2	14	16.9	23.1	12.4	97	87	60	48	74	89	75.8	------
15	39.31	39.39	40.98	39.49	39.73	40.46	39.89	13.7	13.2	21.3	19.1	15.7	13.8	16.1	22.7	12.6	89	87	54	76	94	98	83	------
16	40.17	40.44	41.72	40.27	40.66	41.14	40.73	13.2	13	21	18.5	15.8	14.8	16	22.5	12.3	92	80	48	79	91	94	80.7	------
17	40.33	40.41	41.80	39.80	40.09	40.31	40.46	13.8	13.1	19.3	19.5	16.2	14.4	16	23	12.4	94	88	59	75	83	93	82	------
18	39.65	40.25	41.31	39.98	40.10	40.22	40.25	13.8	12.9	20	21.1	17.3	15	16.7	23.1	12.2	91	93	56	68	81	94	80.5	------
19	39.36	39.49	39.88	38.36	38.86	39.14	39.18	13.4	12.2	21.8	22.2	15.9	14.7	16.7	23.4	12	100	95	57	62	90	90	82.3	------
20	38.22	38.20	38.99	36.97	37.36	38.19	37.99	14.4	13.8	18	20.9	15.8	15.1	16.3	22.5	13	91	93	76	72	95	92	86.5	------
21	37.83	38.11	39.21	37.86	38.10	39	38.35	13.6	13.2	21.8	22.4	17.4	15.8	17.4	23.3	12.9	99	88	53	65	74	84	77.2	------
22	38.67	38.91	40.42	38.39	38.89	39.37	39.11	14.5	14.7	22.5	23.2	18.1	16.7	18.3	24	13.7	92	87	54	64	77	86	76.7	------
23	38.64	38.72	39.90	38.01	38.25	38.76	38.71	15.3	15	17.7	20	16.5	15.4	16.6	23.5	14.4	92	89	86	74	96	93	88.3	2.3
24	37.95	37.81	38.65	37.39	37.66	38.14	37.93	14.3	14.2	18.6	18.4	16.5	14.4	16.1	24	13.5	94	84	62	80	84	93	82.8	------
25	38.01	38.79	40.15	38.54	38.56	39.10	38.86	14.1	14.3	22.4	22.9	18.5	16	18	25.5	13.5	93	84	48	66	74	86	75.2	------
26	38.35	38.79	39.92	38.37	38.68	38.95	38.84	15.4	16	18.9	18.5	17.5	15.5	17	21.9	14.9	87	82	81	95	93	95	88.8	.3
27	38.01	38.18	39.42	37.85	38.04	38.66	38.36	14.9	14.2	19	22.9	17.1	16.4	17.4	24.5	13.7	92	89	74	67	94	96	85.3	------
28	37.78	37.90	39.31	37.76	37.91	38.71	38.23	15.1	14.9	22.5	21	17.9	16.4	18	23.2	14.3	97	91	46	72	83	93	80.3	------
29	38.20	38.25	39.53	37.99	38.05	38.72	38.46	14.8	14.1	22.2	20.1	17.9	15	17.4	25	13.8	100	97	48	77	79	97	83	------
30	37.98	38.10	39.48	38.26	38.70	39.32	38.64	14.6	15.2	19.3	19.4	16.5	15.3	16.7	21.5	14	91	85	75	85	93	99	88	------
31	38.43	38.65	39.58	38.25	38.39	39.19	38.75	15	15	18.7	21.1	16.9	15.8	17.1	25.4	14.3	97	91	77	68	89	94	86	------
Mean	38.53	38.69	39.87	38.33	38.65	39.15	38.87	14.6	14.3	20.6	21	17.1	15.5	17.2	23.7	13.5	91.7	84.9	59.4	70.9	84.3	90.3	80.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	E	W	WSW	Calm	E	39.1	72.7	101.2	54.1	767.1	0	Ci.	S.-Cu.	1	Ci.	Cu.
2	E	E	W	WSW	S	SE	86.9	74	104.9	77.7	343.5	0	Ci.	Cu.	1	------	Cu.
3	E	E	E	W	Calm	E	92.3	98.7	92.8	86.6	370.4	0	------	S.-Cu.	5	------	Cu.
4	E	E	E	WSW	E	E	134.1	133.9	69.4	77.4	414.8	2	Ci.	Cu.	7	A.-Cu. S	Cu.
5	E	NW	WSW	SW	S	E	57.7	48.3	81.6	48.5	236.1	9	------	S.-Cu.	7	------	Cu.
6	E	E	SW	W	Calm	NW	45.7	75.1	80	36.5	237.3	0	Ci.	Cu.	10	------	N.
7	W	NW	SW	W	Calm	Calm	41.2	68.9	67.3	25.4	202.8	9	------	Cu.-N.	10	------	Cu.-N.
8	Calm	Calm	Calm	WSW	SE	E	15.8	49.3	80.5	129	274.6	10	------	S.-Cu. SE	10	------	Cu.-N.
9	E	E	E	SW	SE	SE	152.7	138.6	71.4	-----	------	0	Ci.	S.-Cu.	0	------	Cu. ESE
10	E	E	SE	WSW	SE	SE	-----	132.5	84.7	43.8	------	0	------	S.-Cu.	10	------	Cu.-N.
11	NE	N	WSW	W	E	E	-----	71.4	115.9	54.5	------	0	Ci.-Cu.	S.-Cu.	5	------	Cu.
12	W	N	WSW	WSW	W	SE	51.5	67.1	95.5	52.8	266.9	3	Ci.	Cu.	7	------	Cu. S
13	E	E	E	SW	SW	SE	88.5	73.5	82.4	88.8	333.2	0	Ci.	------	9	------	Cu.
14	E	SE	ESE	SE	SE	E	104.3	110.5	103.3	126.9	445	0	------	S.-Cu.	3	------	Cu. SE
15	SE	SE	ESE	W	Calm	E	128.7	94.3	88.2	84.3	395.5	0	------	S.-Cu.	8	------	Cu.
16	E	E	SE	W	W	SE	108.9	106.8	99.8	42.1	357.6	6	Ci.	S.	10	------	Cu. S
17	E	E	SSE	WSW	SE	E	112.9	69.8	64.9	138.9	386.5	5	Ci.	S.-Cu.	10	------	Cu.-N.
18	SE	E	ESE	SW	SE	SE	110.4	112.9	72.2	68.4	363.9	0	------	S.-Cu.	10	------	Cu.-N.
19	NE	NE	SW	W	W	Calm	67.4	69.8	118.9	37.3	293.4	0	Ci.	Cu.	2	------	Cu. WSW
20	SE	SE	SW	W	Calm	SE	49.6	52.8	82.3	104.6	289.3	0	------	S.-Cu.	10	------	Cu.-N.SW
21	E	E	SW	WSW	SE	E	95	64.7	99.2	53.1	312	0	------	S.	1	Ci.	Cu. WSW
22	E	E	SE	WSW	Calm	SE	56.9	81.1	105.4	27.2	270.6	0	------	Cu.	1	------	Cu. SW
23	E	E	SW	W	Calm	SE	55.2	68.7	91.9	45.9	261.7	0	Ci.	Cu.	9	------	N
24	E	E	SE	SW	SE	E	92.7	78.4	51.8	126.3	349.2	8	Ci.	S.-Cu.	10	------	Cu.-N. S
25	SE	E	ESE	SW	SE	SE	141.1	100.3	84.8	137.9	464.1	0	------	S.-Cu.	7	------	N.
26	SE	E	E	SW	SE	E	122	54.2	59.7	-----	------	9	------	N.	10	------	Cu.-N.
27	SE	E	W	W	W	Calm	-----	76.1	111.8	29.5	------	0	Ci.	S.-Cu.	9	------	Cu.-N.
28	NE	NE	W	WSW	S	Calm	61.8	85	94.8	36	277.6	8	------	S.-Cu.	8	------	Cu.-N.SSW
29	E	E	E	WSW	SE	E	65.2	85.6	116.5	79.2	346.5	0	------	S.-Cu.	10	------	Cu.
30	E	E	SW	WSW	W	NE	75.1	52.5	89	53.1	269.7	7	------	S.-Cu. S	10	------	Cu.-N.SSW
31	E	E	W	W	Calm	Calm	94.4	74.8	136.8	31.2	337.2	9	------	S.-Cu.	7	------	Cu.-N.WSW
Mean	------	------	------	------	------	------	83.8	82	90.3	68.9	321.8	2.7	------	------	7	------	------

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[a] The barometric readings of this station are not reduced to sea level.

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

FEBRUARY, 1915.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	38.68	38.48	39.92	38.56	38.70	39	38.89	15.2	14.6	19.6	21	17.2	15.9	17.2	24.2	13.7	93	93	75	73	93	94	86.8	------
2	38	37.95	38.76	37.58	37.22	37.47	37.83	14.8	13.2	20.1	23.1	16.5	16	17.3	24.8	12	98	99	66	59	88	84	82.3	------
3	36.22	36.26	37.91	36.86	37.17	37.68	37.02	15.4	15.2	23.7	22.4	17.6	15.2	18.2	24.8	13.4	84	74	36	69	83	84	71.7	------
4	37.19	37.30	38.52	37.23	37.50	38.04	37.63	15.4	17	26.2	22.5	18.2	17	19.4	27.2	14.2?	49	26	8	64	83	85	52.5	------
5	37.73	38.13	39.19	37.60	38.10	38.53	38.21	15.2	14.2	19.9	24	17.4	15.9	17.8	24.8	13.4	98	97	73	56	90	94	84.7	------
6	37.62	37.89	38.95	37.58	37.59	37.81	37.91	14.6	14	20.9	19.5	16.5	16.2	17	23.8	13.7	98	90	60	75	94	90	84.5	------
7	37.05	36.97	38.62	37.28	37.83	38.36	37.68	15	14.5	21.9	21.8	17.4	15.7	17.7	23.8	14	98	91	58	67	88	94	82.7	------
8	37.62	38.01	39.27	38.04	38.35	39.07	38.39	14.4	13.7	21.7	22	17.9	16.1	17.6	24.3	13.2	98	94	54	64	84	89	80.5	------
9	38.38	38.35	39.68	38.05	38.12	38.47	38.51	15.1	14.1	22	22.4	18	15.3	17.8	24.3	13.3	89	92	57	66	68	85	76.2	------
10	37.82	37.87	38.59	37.07	37.25	37.69	37.72	13.7	13.6	22.7	24.3	18.6	16	18.2	25.8	12.8	94	93	32	52	85	96	75.3	------
11	37.13	36.97	38.24	37.09	37.37	38.11	37.48	15.4	14.4	22.2	23	19.4	16.7	18.5	25.8	13.5	91	82	51	70	79	95	78	------
12	37.75	37.39	38.84	37.69	37.40	38.21	37.88	16	14.6	22.4	20.9	17.5	16.5	18	23.2	14	96	96	51	76	98	94	85.2	------
13	37.42	37.53	39.16	37.42	37.35	37.81	37.78	15	14.2	18.5	23.2	18.2	16	17.5	24.7	13.5	99	93	69	60	80	88	81.5	------
14	37.27	37.63	39.53	38.19	38.85	39.55	38.50	14.7	14	21.1	21	17.3	15.5	17.3	24.4	13.2	88	85	46	72	93	100	80.7	------
15	38.64	39.18	40.69	39.13	39.08	39.40	39.35	14.7	13.6	21.5	23.9	16.6	15.9	17.7	24.4	12.8	93	95	63	56	88	84	79.8	------
16	38.71	38.63	39.91	38.59	38.61	38.73	38.86	14.3	14.1	20.5	22	16.5	14.9	17	23.6	13.2	84	56	61	60	79	86	71	------
17	37.87	38.29	40.02	38.15	37.83	38.05	38.37	14	13.2	19.9	23	16.4	15.6	17	24.1	11.6	89	86	62	55	77	75	74	------
18	37.55	37.52	39.16	38.16	38.23	39	38.27	14.3	13	19.8	20.9	16.3	14.8	16.5	22.7	12.5	78	81	65	67	91	94	79.3	------
19	38.87	38.65	39.91	38.57	38.52	38.81	38.89	13.9	13.1	19.7	17.8	15.8	14.8	15.8	23.6	12.3	92	87	61	76	85	89	81.7	------
20	37.94	38.03	39.43	37.93	38.32	38.80	38.41	14.4	13.7	20	21.8	17	15.5	17.1	22.2	13.2	84	91	42	62	88	92	76.5	------
21	38.18	38.27	39.53	38.27	38.50	38.73	38.58	13.8	13.3	21.2	19	16.9	15.7	16.6	22.6	12.8	97	90	59	78	82	87	82.2	------
22	38.34	38.39	39.82	38.44	38.50	39.08	38.76	15.1	14.8	19	20	17	15.6	16.9	23.4	14	91	90	70	81	82	85	83.2	------
23	38.17	38.57	40.03	38.61	38.57	39.11	38.84	14.5	14.4	21.8	20.9	16.7	16.1	17.4	23	13.2	87	83	59	73	90	88	80	------
24	38.30	38.54	39.77	38.52	38.32	39.16	38.77	14.9	14.6	21.3	23.8	18.5	15.6	18.1	24.2	13.9	88	84	46	56	69	73	69.3	------
25	38.24	38.78	39.90	38.15	38.36	38.70	38.69	14.2	13.2	21.7	24.8	17.5	14.6	17.7	25.6	12.1	75	72	31	36	60	79	58.8	------
26	37.99	38.38	39.71	38.28	37.97	38.20	38.42	14	13.4	21.5	24.2	18.4	15.9	17.9	24.8	12.8	81	75	34	32	50	64	56	------
27	37.16	37.93	39.66	38.09	37.77	38.58	38.20	14.8	13.4	20.2	22.8	17	15.3	17.2	24.1	13	67	73	48	53	80	81	67	------
28	38.38	38.58	39.94	37.93	37.39	38.36	38.43	15	14.4	23.3	18.7	17.4	14.7	17.2	24.1	13.6	76	72	34	76	76	87	70.2	------
Mean	37.86	38.02	39.38	37.97	38.03	38.52	38.30	14.7	14.1	21.2	22	17.3	15.7	17.5	24.2	13.2	87.7	83.6	52.5	63.7	82.2	87	76.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	SE	SE	SW	W	W	SE	80	70	115.7	37.2	302.9	7	Ci.-S.	Cu.	5	------------	Cu.
2	SE	Calm	SW	W	Calm	Calm	44	49.9	123.9	60.4	278.2	0	Ci.	------------	3	Ci.	Cu. WNW
3	SE	E	ESE	W	Calm	E	115.7	78.1	124.1	81.8	399.7	0	Ci.	Cu.	6	------------	Cu. WSW
4	Calm	N	WSW	W	SE	SE	63.9	87.2	98.8	86.9	336.8	0	Ci.	------------	1	Ci.	Cu. WSW
5	Calm	E	WSW	WSW	Calm	SE	43.3	64.2	125.5	34.6	267.6	10	------------	------------	3	------------	Cu W
6	E	SE	W	W	Calm	SE	31.7	71.8	110.4	74.3	288.2	0	------------	S.	6	------------	Cu. E
7	SE	ESE	SE	SW	Calm	SE	115.3	74	128.4	64.1	381.8	0	------------	Cu.	7	------------	Cu. W
8	E	NE	S	WSW	Calm	SE	73	50.9	110.8	51.7	286.4	0	------------	S.-Cu.	8	------------	Cu. ESE
9	Calm	NE	Calm	WSW	E	SE	54.9	44.9	107.3	63.1	270.2	0	------------	Cu.	4	------------	Cu. WSW
10	E	SW	SE	SW	SSE	SE	63.1	80.2	109.7	73.2	326.2	0	Ci.	------------	0	Ci.-S.	Cu.
11	E	E	ESE	SW	SE	SE	107.5	110.5	74.5	68.2	360.7	0	Ci.	Cu.	7	------------	Cu.
12	SE	E	E	W	W	SE	49.3	89.5	89.9	53.1	281.8	0	------------	S.	9	------------	Cu.
13	E	E	Calm	WSW	Calm	SE	77	73	105.1	80.3	335.4	0	Ci.	S.	8	------------	Cu.-N. S
14	E	E	E	WSW	Calm	SE	102.8	90.3	104.4	44.9	342.4	0	Ci.	S.-Cu.	6	------------	Cu. ESE
15	E	NE	SW	SW	Calm	E	83.1	74.3	124.1	94.8	376.3	0	------------	S.	1	------------	Cu. E
16	E	E	SW	W	Calm	SE	93.8	72.4	127.1	77	370.3	0	------------	S.	4	------------	Cu. WNW
17	SE	NW	WSW	W	Calm	SE	67.9	84.7	133.8	105.9	392.3	5	------------	S.-Cu. E	7	------------	Cu. WSW
18	E	Calm	WSW	W	E	NE	98.4	83.7	138.7	61.7	382.5	0	------------	S.	8	------------	Cu. WSW
19	N	Calm	WSW	WSW	N	Calm	61	80.7	126.5	34.9	303.1	0	------------	S.	8	------------	N.-cf. WNW
20	S	SE	W	W	Calm	Calm	41.6	81	116.5	18.2	257.3	0	------------	S.	7	------------	Cu. SSW
21	E	E	SE	W	Calm	Calm	66.2	103.3	88.8	18.5	276.8	0	Ci.	S.	10	------------	N.-cf. SW
22	E	E	SE	W	NE	E	97.1	125	80.8	97.2	400.1	2	------------	S.-Cu. E	10	------------	------------
23	E	SE	SW	W	NW	Calm	117.5	94.4	109.6	34.3	355.8	7	Ci.	S.-Cu. E	9	------------	Cu.-N. SW
24	E	E	SE	SW	E	SE	79.7	79.1	126.9	79.2	364.9	0	------------	S.-Cu.	4	------------	Cu. ESE, SW
25	E	E	SE	WSW	W	E	114.1	88.7	155.8	61.5	420.1	0	------------	S.	6	Ci.	Cu.
26	Calm	E	SW	W	W	SE	42.1	80	143.8	40.2	306.1	0	Ci.	S.	1	Ci.	Cu.
27	SE	Calm	W	W	W	NE	29.6	66.3	142.2	48.8	286.9	1	Ci.	S.	6	------------	Cu. SSE
28	SE	E	ESE	W	Calm	E	75.6	91.2	113.7	74.8	355.3	8	A.-Cu. SW	S.-Cu. S	9	------------	N.-cf. WNW
Mean	------	------	------	------	------	------	74.6	80	116.3	61.5	332.4	1.4	------------	------------	5.8	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	9,306.1	----	------------	------------	----	------------	------------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

MARCH, 1915.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	37.83	38.14	39.84	38.36	38.19	39.43	38.63	14.1	13.5	19.9	22	16.9	15.7	17	24.3	12.9	86	86	60	61	88	91	78.7	------
2	38.71	38.97	40.54	39.05	38.63	39.66	39.26	14.9	14.5	20.3	20.2	17.4	15.9	17.2	23.4	13.7	91	84	64	76	76	82	78.8	------
3	38.74	38.96	40.29	38.97	38.96	39.85	39.30	15.2	14.4	22.4	22.6	17.9	16	18.1	24.4	13.8	85	88	46	52	90	96	76.2	------
4	39.44	39.77	41	39.85	39.91	40.76	40.12	15.1	14.7	19.3	23.3	18.7	16.5	17.9	25.1	13.7	95	89	71	58	79	90	80.3	------
5	39.92	40.07	40.80	39.32	38.98	39.52	39.77	15.6	15	22.5	23.2	19.9	16.9	18.8	25	14.5	89	89	58	68	67	77	74.7	------
6	38.50	38.99	39.91	38.38	38.46	39.32	38.93	15.9	14.8	21.9	25.2	18.3	16.5	18.8	25.6	13.8	80	89	58	44	90	95	76	------
7	38.38	38.49	39.86	38.42	38.38	39.47	38.83	15.2	14.7	20.7	23.5	17.8	17	18.2	24.3	14.1	96	89	67	61	84	83	80	------
8	39.27	39.26	40.79	39.10	39.44	40.11	39.66	16.1	15	22.1	23.4	18.1	17	18.6	24.5	14.1	87	92	63	69	92	87	81.7	------
9	39.90	39.47	40.56	38.88	39.53	40.55	39.82	15.5	14.8	22.1	24.9	19.5	15.9	18.8	26.3	14.3	85	77	42	56	69	81	68.3	------
10	39.62	39.75	41.09	39.40	39.63	40.51	40	14.7	14.8	21	22	17.8	17.3	17.9	24.6	14.1	81	75	66	70	87	78	76.2	------
11	39.29	39.27	40.51	38.23	37.86	38.59	38.96	16.2	14.8	23.4	23.7	20	16.5	19.1	25.5	14.4	83	85	44	60	67	84	70.5	------
12	37.42	37.55	38.78	36.84	36.63	37.70	37.49	15.2	14.7	21.4	22.8	17.4	15.6	17.8	25.7	14.3	88	89	60	51	88	95	78.5	------
13	37.07	37.73	39.11	37.76	37.70	38.53	37.98	15.1	14.3	20.5	23.7	17.4	14.8	17.6	25.1	13.6	92	93	66	46	87	94	79.7	------
14	37.46	38.19	39.58	37.89	38.41	39.53	38.51	13.8	13.5	20.7	22.9	18	16.8	17.6	25.5	13	92	81	55	63	86	67	74	------
15	38.75	39.16	40.28	38.95	38.64	39.32	39.18	15.1	14.4	22.9	21.9	17.9	14.9	17.8	24.9	13.8	78	87	54	67	69	88	73.8	------
16	38.23	38.27	39.84	38.23	38.13	39.30	38.67	13.8	13.5	23.2	23.4	19.3	16.5	18.3	24.4	13.3	89	85	38	58	76	93	73.2	------
17	38.47	38.73	39.83	38.40	38.04	38.95	38.74	15.1	14.9	21.1	21.9	18.4	16.5	18	25.3	14.5	96	93	71	66	88	91	84.2	------
18	38.27	38.43	40.05	38.55	38.82	39.90	39	15.7	14.6	21	21.9	18.2	16.5	18	25.7	14.3	90	91	60	70	83	89	80.5	------
19	39.18	39.32	40.51	39.16	39.13	40.08	39.56	14.9	14.9	18.9	21.1	16.7	15	16.9	23	14.3	94	93	76	68	91	96	86.3	------
20	38.99	38.89	39.91	38.21	38.01	38.79	38.80	14.8	13.9	22.5	20.6	17.4	15.6	17.5	24.5	13.6	92	89	50	75	89	93	81.3	------
21	37.72	37.52	39.05	37.86	37.71	38.51	38.06	14.6	13.9	20.7	22.7	17.4	16.5	17.6	23.9	13.5	97	93	70	63	89	92	84	------
22	36.90	37.09	38.91	37.63	37.81	38.62	37.83	15.4	14.8	20.3	21.5	18.4	16.7	17.8	25.7	14.5	97	94	68	71	89	94	85.5	------
23	37.68	37.99	39.71	38.40	38.44	39.66	38.65	15.9	15.3	21	21.4	18.8	17.6	18.3	24.9	15	96	96	76	78	90	89	87.5	------
24	38.80	39.43	40.42	38.97	38.98	39.84	39.41	16.9	16.1	24.1	24.4	18.5	16.8	19.5	25.4	15.4	83	75	62	61	93	95	78.2	------
25	38.85	38.87	39.81	38.06	37.85	38.66	38.68	16.5	15.9	22	21.4	19.1	17.9	18.8	25.8	15.6	92	94	68	77	88	82	83.5	------
26	37.27	37.69	39.24	37.75	37.78	38.86	38.10	16.8	15.9	20.4	21.4	18.5	16	18.2	25.2	15.5	91	94	76	77	93	100	88.5	5.1
27	37.95	38.13	39.43	37.93	37.88	38.66	38.33	15.1	14.9	22.2	21.4	19.4	15.8	18.1	24.5	14.3	98	89	59	72	65	83	77.7	------
28	37.70	38.01	39.68	38.25	38.16	39.42	38.54	14.8	14.6	21.4	20.5	18.9	16	17.7	23.1	14.2	87	85	53	72	74	97	78	------
29	38.37	38.47	40.28	38.95	38.71	39.05	38.97	15.4	14.7	21.7	23	18.8	17.4	18.5	26.4	14.3	96	96	65	63	85	98	83.8	------
30	38.33	38.76	39.90	38.72	38.84	39.54	39.02	16.1	15.2	20.9	22.6	19.1	17.8	18.5	25.6	15	93	95	70	66	78	90	82	------
31	38.08	38.19	39.51	38.20	38.38	39.04	38.57	16.1	15.8	23.3	25.5	19.4	18.3	19.7	26.4	15.2	94	96	65	54	79	82	78.3	------
Mean	38.42	38.63	39.97	38.47	38.45	39.35	38.88	15.3	14.7	21.5	22.6	18.4	16.4	18.1	25	14.2	90.1	88.7	61.3	64.3	82.9	88.8	79.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	E	W	W	W	SE	85.9	85	144	50.2	365.1	8	A.-Cu. S	S.-Cu. SbyE	7	------------	Cu. SSW
2	E	E	SW	W	W	E	57.6	87.4	103.5	72.2	320.7	4	Ci.	Cu.	9	------------	Cu.-N.SW
3	SE	E	SE	SW	W	SE	67.4	67.4	137.6	42.1	314.5	3	Ci.	Cu.	7	------------	N.-cf. SW
4	E	NE	W	W	W	SE	69.5	79.9	130.7	42.3	322.4	6	Ci.	Cu.	4	------------	Cu. WSW
5	E	NE	WNW	WSW	SE	SE	52.3	79.2	124.2	64.4	320.1	1	Ci.	S.	8	------------	Cu. WSW
6	E	NE	SW	WSW	W	SE	74.2	46.7	150.3	42.6	313.8	0	------------	S.	0	------------	Cu. SW
7	SE	E	SW	WSW	W	SE	49.6	83.9	128.4	43.1	305	0	Ci.	Cu.	5	------------	Cu. WSW
8	SE	NE	W	WSW	W	SE	70	75.6	97.9	136.8	380.3	0	------------	S.	9	------------	Cu.
9	E	E	ESE	WSW	W	SE	123.6	101.4	140.8	50.7	416.5	0	------------	S.	1	------------	Cu. WSW
10	E	SE	WSW	W	W	SE	52.8	90.1	110.5	39.1	292.5	0	Ci.	S.	8	------------	N.-cf.WSW
11	SE	E	E	W	SSW	SE	87.4	82.4	113.3	60.7	343.8	0	Ci.	S.	5	------------	Cu. SSE
12	S	E	WSW	W	W	W	59	82.3	164	38	343.3	0	------------	S.	6	------------	Cu. WSW
13	W	W	WSW	W	W	NE	68.9	95	149.7	46.5	360.1	6	Ci.	S.-Cu. W	4	Ci.	Cu.
14	N	N	WSW	W	NE	E	52.3	81.5	126.3	70.3	330.4	1	Ci.	S.-Cu.	9	A.-Cu.WNW	Cu. WSW
15	E	E	E	W	SE	SE	123.7	97.2	119.3	120.5	460.7	2	Ci.	S.	9	------------	N.-cf. SW
16	E	E	SE	WSW	W	W	127.9	106.4	122.9	41.6	398.8	0	Ci.	S.	4	------------	Cu. SW
17	NE	NW	W	W	NW	NE	66.2	100.1	147.5	81.1	394.9	4	Ci.	S.-Cu. WNW	3	------------	Cu. SSW
18	E	E	WSW	W	WSW	W	78.1	90.7	131.4	43.7	343.9	2	------------	S.	5	Ci.	Cu. WSW
19	W	W	W	W	W	Calm	30.4	76.1	113.2	29.8	249.5	2	Ci.	S.-Cu.WbyN	5	Ci.	N.-cf.WSW
20	SE	E	E	W	W	SE	107.8	100.1	143.2	90.1	441.2	4	Ci.	S.	9	------------	N.-cf.WSW
21	E	E	SW	W	NW	SE	55.2	71.6	150	57.9	334.7	2	Ci.	S.	6	------------	N.-cf. W
22	SE	ESE	SSE	W	SW	E	132	78.3	129	60.7	400	1	Ci.	S.-Cu.	9	------------	Cu.-N.WSW
23	SE	ESE	SW	W	SW	SE	97.4	79.4	108	44.3	329.1	10	Ci.	S.-Cu. SE	10	------------	N.-cf.
24	SE	SE	SW	W	W	NE	82.3	85.9	135.4	32	335.6	7	Ci.	S.	4	------------	Cu. SSW
25	N	W	WSW	W	NW	W	26.4	82.9	127.1	33.8	270.2	3	Ci.	S.-Cu. SE	9	------------	N.-cf.WSW
26	NE	E	WSW	S	NW	E	36	81	80.7	62.5	260.2	8	------------	S.-Cu. S	6	Ci.	Cu.-N.
27	E	E	ESE	WSW	SE	E	93.5?	104.6	118.9	140.5	457.5?	1	Ci.	S.	7	Ci.	Cu.-N. S
28	SE	E	ESE	WSW	SW	NW	158.7	122.8	67.6	42.6	391.7	5	Ci.	S.-Cu.	9	------------	Cu.-N. S
29	SE	E	SW	WNW	W	E	60.7	82.9	169.6	90.4	403.6	3	Ci.	S.	5	------------	Cu.NWbyW
30	SE	E	SW	W	W	SE	113.2	95.2	136.3	71.8	416.5	8	Ci.	------------	9	------------	Cu.-N. S
31	E	E	W	WNW	W	SE	79.1	74.5	151.5	47.3	352.4	4	Ci.	Cu.	8	Ci.	N.-cf.WSW
Mean	-----	-----	-----	-----	-----	-----	78.7	86	128.2	61	353.8	3.1	------------	------------	6.4	------------	------------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10,969	----	------------	------------	----	------------	------------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

APRIL, 1915.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	38.05	37.97	38.80	37.42	37	37.79	37.34	17.1	16.6	21	23.2	19.4	18.3	19.3	26.6	16.2	92	95	75	74	88	92	86	------
2	36.88	37.38	38.55	37.09	37.46	38.52	37.65	17.4	17	25.5	25.8	19.8	17	20.4	27.8	16.7	97	98	56	52	93	100	82.7	30.5
3	37.76	37.91	39.25	37.99	37.92	38.92	38.29	17.2	16.9	22.5	23.2	19	18.4	19.5	25.5	16.6	98	96	77	76	97	97	90.2	------
4	38.02	37.93	39.16	37.99	38.65	39.51	38.54	17.5	17	24.3	26.4	20	18.9	20.7	26.9	16.5	97	97	65	53	86	91	81.5	------
5	38.73	38.69	39.88	38.47	38.74	39.55	39.01	18.1	17.1	22.8	23.9	19.9	19.5	20.2	27.3	16.8	94	97	74	74	89	81	84.8	------
6	38.77	39.01	40.22	38.68	38.57	39.28	39.09	18	16.5	24.4	27.2	20.6	18.8	20.9	27.4	15.9	88	94	52	53	83	79	74.8	------
7	38.85	39.13	40.32	39.30	39.22	39.84	39.44	17.2	15.8	23.3	25	18.3	17.8	19.6	27.6	14.7	86	81	61	64	87	68	74.5	------
8	38.66	38.62	39.76	37.85	38.05	39.24	38.70	16.2	16.5	25.1	25	19.4	17	19.9	27.2	15.7	74	60	30	52	85	87	64.7	------
9	38.01	38.73	40.32	38.55	38.87	39.52	39	16	15.4	23.7	26.3	20	17.3	19.8	27.5	14.9	85	78	42	51	67	78	66.8	8.9
10	38.53	38.94	40.21	38.37	38.12	39.03	38.87	16.3	15.7	22.2	23	20.3	17.5	19.2	26.2	15	81	84	54	64	69	82	72.3	------
11	37.89	37.86	39.07	37.52	38.17	39.09	38.27	16.5	17.1	24.6	28.2	21.7	18.9	21.2	28.6	15.9	78	68	43	42	72	84	64.5	------
12	38.25	38.21	39.68	38.16	38.40	39.32	38.67	17.2	16.5	24.8	26.6	21.9	18.4	20.9	28.2	15.7	92	92	58	50	76	80	74.7	1.5
13	39.02	39.16	40.54	39.07	39.27	40.10	39.53	17.5	17	25.3	26.9	21	18	21	27.8	16.3	72	68	29	58	80	88	65.8	------
14	38.78	38.73	39.83	38.44	38.07	38.99	38.81	17.3	17.2	23.9	24.7	20.4	18.2	20.3	26.8	16.2	87	80	56	56	81	89	74.8	------
15	37.96	37.92	38.75	37.42	37.26	38.11	37.90	16.4	15.8	21	24	18.9	17.7	19	25.5	15.2	91	82	66	55	89	90	78.8	------
16	37.20	37.25	38.61	36.92	36.59	37.69	37.38	16.7	16.8	19.5	23.1	19.2	17.7	18.8	24.3	16.3	98	95	84	71	86	87	86.8	------
17	36.69	36.60	37.14	35.76	35.75	36.80	36.46	15.9	15.5	21.5	24.8	18.1	17	18.8	26.5	15	93	82	65	54	96	98	81.3	21.1
18	35.84	36.54	37.53	36.63	36.30	37.42	36.71	16.8	16.4	22.6	18.9	18.1	17.3	18.4	23.3	16	96	96	68	89	96	96	90.2	5.3
19	36.98	37.50	38.57	37.73	38.10	38.88	37.96	16.5	16.2	22.9	20.7	19.5	17.5	18.9	24.7	15.3	93	86	57	84	86	86	82	------
20	37.96	38.31	39.32	38.24	38.49	38.90	38.54	16.4	17.1	23.4	23.5	20.5	18.1	19.8	26.6	15.4	81	68	42	63	72	81	67.8	------
21	37.86	38.53	39.32	37.88	37.87	38.87	38.39	17.1	16.9	25.1	24.6	19.9	17	20.1	26	16	80	78	46	61	81	89	72.5	------
22	38.08	38.33	39.29	38	37.89	38.80	38.40	16.5	16.8	24.6	23.9	20.1	17.3	19.9	26.5	15.5	84	69	46	58	72	87	69.3	------
23	38.02	38.03	39.57	38.39	38.46	39.14	38.60	16.2	15.3	24.5	22.8	20	17.4	19.4	25.6	14.6	77	67	36	57	68	79	64	------
24	38.30	38.37	39.54	37.87	37.90	38.90	38.48	15.4	14.7	24.4	24	20	17	19.2	25.1	14.1	79	74	32	50	63	76	62.3	------
25	37.92	38.11	38.79	37.32	37.25	38.15	37.92	16	15.5	22.8	23.3	18.9	17.1	18.9	25.1	14.4	77	77	56	38	62	75	64.2	------
26	37.35	37.61	38.74	37.44	37.28	37.88	37.72	16	17.1	22.9	25	21.1	18.1	20	26.8	15.3	84	72	52	55	73	85	70.2	------
27	36.97	37.43	38.43	37.04	36.93	38.05	37.48	17	16.6	24	25.7	21.5	18.3	20.5	26.5	16.1	90	88	53	55	68	84	73	------
28	37.38	37.20	38.62	37.53	37.59	38.57	37.82	17.2	16.8	22.2	25.6	20	19.2	20.2	26.3	15.8	90	85	66	53	81	81	76	------
29	37.73	37.49	38.51	36.89	36.88	37.72	37.54	17.7	17	26	26.1	21.1	19.5	21.2	27	16.5	89	87	48	56	83	87	75	------
30	37.06	37	38.18	36.83	36.87	37.44	37.23	18.3	17.6	22.4	23.8	18.8	17.9	19.8	26.8	16.9	92	89	68	76	86	90	83.5	7.4
Mean	37.85	38.02	39.15	37.76	37.80	38.67	38.21	16.9	16.5	23.4	24.5	19.9	17.9	19.9	26.5	15.7	87.2	82.8	55.2	59.8	80.5	85.6	75.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	74.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NW	E	WSW	WSW	W	E	29	77.2	143.2	58.1	307.5	8	Ci.	Cu.	8	------	Cu. W
2	SE	E	SE	W	W	NW	59.3	61.5	163.1	56.1	340	2	Ci.	S.-Cu. S	8	Ci.	Cu. WSW
3	SE	E	WSW	W	W	W	49.4	92	138.9	39.1	319.4	8	A.-Cu. WSW	Cu.	10	------	Cu.-N. WSW
4	NE	SE	WSW	W	NNW	E	33.2	84.7	151.8	36	305.7	6	Ci.	S.-Cu. S	9	Ci.	Cu.-N. SW
5	Calm	E	WSW	W	W	SE	22.8	71.8	144.8	77.9	317.3	7	A.-Cu. WSW	Cu.	9	------	Cu.-N. W
6	E	SE	NE	W	SW	SE	76.9	87.2	138.9	80.3	383.3	8	Ci.	Cu.	4	Ci.	Cu. W
7	SE	NW	W	WNW	N	SE	29	86.6	178.1	126	419.7	3	Ci.	Cu.	6	------	Cu. WNW
8	SE	ESE	ENE	SW	SW	SE	77.2	88.2	174.1	77.2	416.7	3	Ci.-S.	S.	7	------	Cu. S
9	E	E	ESE	WSW	WNW	SE	159.9	139.7	144.2	159.6	603.4	2	Ci.	Cu.	7	------	Cu. SSW
10	E	E	ESE	SW	ESE	SE	105.9	99	84.7	82.1	371.7	0	------	Cu.	7	------	N.-cf. WSW
11	E	SE	SSW	W	W	SE	186.4	107.3	148.7	71.1	513.5	1	Ci.	------	7	Ci.	Cu.-N. WSW
12	E	E	SW	SW	W	SE	81	85.3	129.3	92.7	388.3	0	Ci.	Cu.	7	------	Cu.-N. SW
13	E	E	ESE	WNW	W	SE	86.3	67.4	130.7	51.2	335.6	4	Ci.	Cu.	5	Ci.	Cu.-N. SW
14	SE	E	WSW	W	NW	S	82.4	85.5	145.4	47.8	361.1	0	Ci.	S.	7	------	Cu.-N. W
15	E	SE	WSW	W	W	E	47.7	85.3	144.8	50.7	328.5	2	------	Cu.	9	------	N.-cf. S
16	E	E	W	W	WNW	SE	31.4	77.7	103.2	52.8	265.1	10	Ci.	Cu.-N. S	10	------	Cu.-N. WSW
17	SE	E	WSW	WSW	W	N	65.4	84	155.1	42.6	347.1	4	Ci.	Cu.	8	------	Cu.-N. WSW
18	W	E	SE	W	W	E	38.8	64.4	92.5	51.2	246.9	9	------	Cu.-N.	10	------	Cu.-N. S
19	SE	E	SSE	W	WSW	SE	101.9	72.1	111.3	62.8	348.1	2	------	Cu.	10	------	Cu.-N. WSW
20	E	E	E	SW	S	SE	127.6	135.2	110.7	76.9	450.4	0	------	Cu.	8	------	N.-cf. SSW
21	E	SE	SW	W	W	S	70.5	77.2	141.4	52.5	341.6	1	------	Cu.	9	------	Cu.-N. WSW
22	E	SE	ESE	WNW	W	NE	61.2	73.5	151.1	80	365.8	0	------	Cu.	8	------	Cu.-N. WSW
23	E	SE	ESE	W	W	E	108.1	81.9	133	58.7	381.7	1	------	Cu.	8	------	Cu.-N. WSW
24	E	SE	ESE	W	W	SE	166	112.3	109.2	112.1	499.6	0	------	Cu.	8	------	Cu. S
25	SE	SE	SSE	ESE	SE	E	72.6	63.9	112.9	139.4	388.8	0	------	Cu.	3	------	Cu.
26	E	E	SE	W	W	E	122.1	122.6	112.3	74.3	431.3	0	------	Cu.-N.	7	A.-Cu.	Cu.
27	SE	SE	ESE	W	W	SE	80.3	90.3	133	58.1	361.7	8	Ci.	Cu.-N. ENE	2	Ci.	Cu. E
28	E	NE	WSW	W	W	SE	60.4	95	150.2	47.7	353.3	1	Ci.	Cu.	8	------	Cu.
29	SE	E	SW	W	W	SE	83.9	76.2	115.1	70.5	345.7	0	Ci. NE	------	8	Ci.-S.	Cu.-N.
30	SE	ESE	W	WSW	NE	S	107.6	93.3	116.5	58.9	376.3	0	Ci.	Cu.	10	------	Cu.-N.
Mean	------	------	------	------	------	------	80.8	87.9	133.6	71.5	373.8	3	------	------	7.6	------	------
Total	------	------	------	------	------	------	------	------	------	------	11,215.1	------	------	------	------	------	------

BAGUIO.

[φ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

MAY, 1915.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	36.90	36.96	38.03	36.58	36.48	37.57	37.09	17.6	17.4	22	23.2	19.9	17.6	19.6	25.8	16.7	95	96	82	73	91	100	89.5	------
2	36.59	36.69	37.41	36.28	36.30	37.37	36.77	17.5	16.6	23.3	23.4	19.1	17.2	19.5	26.2	16	94	94	65	63	89	91	82.7	------
3	36.23	36	36.95	35.78	36.24	37.53	36.46	15.8	16.2	22.9	25.1	19.5	17.5	19.5	26.8	15.5	94	85	53	49	85	92	76.3	------
4	35.91	35.80	36.53	35.54	35.51	36.65	35.99	16.4	16.8	23	25.1	19	17.1	19.6	26.8	15.6	88	79	61	52	88	99	77.8	4.1
5	35.65	35.97	36.82	35.88	36.38	37.30	36.33	16.8	17	18.5	19.6	19.6	18	18.2	24.8	15.9	92	82	79	92	82	93	86.7	.8
6	36.12	36.44	37.53	36.54	36.63	37.35	36.77	17.1	17	24.2	22.5	17	16.9	19.1	25.2	15	92	85	64	77	93	96	84.5	28.9
7	36.16	36.23	37.28	36.13	36.53	36.82	36.52	16.7	17.1	23.1	21.9	19.4	18	19.4	23.8	15.8	89	79	59	80	71	76	75.7	.5
8	35.28	36.25	37.24	36.06	36.04	36.68	36.26	16.8	16.6	22.1	23	19	17.3	19.1	24.6	15.8	85	81	61	75	93	94	81.5	------
9	35.68	35.89	37.14	36.09	36.04	36.64	36.25	16.3	16.1	22.2	22.9	19.2	18	19.1	24.8	15.7	87	79	57	73	87	93	79.3	------
10	35.93	36.02	36.98	35.87	35.79	36.50	36.18	17.1	17	25	24.1	20	18.9	20.4	25.8	16.1	98	94	52	65	90	89	81.3	------
11	35.99	36.20	37.44	36.23	36.29	37.76	36.65	17.9	17.6	23.4	24.2	19.9	17.9	20.2	26.3	16.7	99	97	74	68	90	93	86.8	------
12	36.70	36.78	37.89	36.21	36.46	38.05	37.02	17.4	17.2	23.9	26.7	20.6	18.3	20.7	27.2	16.1	87	76	63	64	87	87	77.3	------
13	37.34	36.93	37.83	36.33	36.07	37.20	36.95	17.6	17.5	23.8	26.4	19.9	17.5	20.4	26.8	16.7	88	83	60	53	84	94	77	------
14	36.24	36.28	37.13	35.63	36.39	37.33	36.50	17.1	16.9	23.9	25.5	19	17.6	20	26.3	16.2	94	87	68	59	92	96	82.7	26.4
15	36.08	36.13	37.28	36.24	36.08	37.17	36.50	16.1	17.1	20.4	21.1	18.6	17.6	18.5	22.5	16	100	90	91	82	97	100	93.3	.8
16	36.06	36.15	36.89	35.89	35.78	37.26	36.34	17.3	17.5	21.9	22.5	19.9	18.8	19.6	24.6	17	97	93	77	76	90	92	87.5	1.3
17	36.63	36.19	37.49	36.04	36.27	37.31	36.66	17.8	17.6	21.1	20	18.4	17.2	18.7	24.3	16.9	99	94	87	91	96	100	94.5	37.3
18	36.22	36.74	37.99	36.63	37.54	38.46	37.26	17.1	17	19.7	20.4	18.2	17.1	18.2	23.6	16.7	100	95	87	89	98	99	94.7	36.8
19	37.28	37.60	38.30	36.77	37.18	37.82	37.49	17.3	17.1	22.6	18.7	17.6	17.1	18.4	23.9	16.6	93	87	76	99	99	97	91.8	48
20	36.67	36.85	37.25	35.99	36.34	36.64	36.62	17	16.6	18.7	21.2	17.9	17.3	18.1	23.4	16.2	97	94	96	83	96	98	94	1.8
21	35.65	35.75	36.68	35.55	35.93	36.83	36.06	17.9	17	21.6	21	17.2	17.1	18.6	23.8	16.2	87	95	81	88	99	99	91.5	46.5
22	35.72	35.68	36.80	35.63	35.88	36.98	36.12	17.1	17.1	21.2	20.8	18	17.4	18.6	23.9	16.8	100	96	78	85	99	99	92.8	36
23	35.14	36	36.41	35.16	35.42	37.04	35.86	16.9	17	20.5	23.7	18.8	17.1	19	23.8	16.6	99	97	83	72	91	100	90.3	14.5
24	35.95	36.02	37.24	35.88	36.19	37	36.38	17	17.9	21.4	21.5	18.9	17.6	19	23.7	16.9	100	89	73	89	91	93	89.2	.8
25	36.29	36.30	37.53	36.64	36.71	38.23	36.95	16.9	17.2	20.7	19.5	18.6	17.2	18.4	23.3	16.5	100	95	78	88	89	97	91.2	3.6
26	37.16	37.18	37.67	36.62	36.83	38.31	37.30	17	16.6	22.1	23	18.2	17.6	19.1	23.5	16.6	96	99	74	61	91	89	85	9.2
27	36.70	36.48	37.62	36.84	37.18	37.91	37.12	17.2	17.9	22.5	23.1	18.1	16.6	19.2	24.7	16.1	86	74	70	75	92	100	82.8	------
28	36.65	37.19	37.90	37.39	37.31	38.04	37.41	16.9	16.5	21	19.7	17	17.1	18	24	16	91	90	71	89	99	96	89.3	6.8
29	37.19	37.14	37.78	36.77	36.87	37.46	37.20	16.7	17.1	21	23.3	19.4	17.5	19.2	24.7	16.3	97	90	81	75	89	94	87.7	------
30	36.74	36.33	36.93	35.95	35.47	36.04	36.24	17.2	17.2	21.6	22	19	16.9	19	23.4	16.3	91	76	66	73	85	88	79.8	------
31	35.60	35.57	36.39	35.36	34.88	35.73	35.59	17.4	17.1	21.5	24.5	19.3	17.7	19.6	25.1	16.2	69	72	81	62	90	87	76.8	------
Mean	36.27	36.38	37.30	36.15	36.29	37.26	36.61	17.1	17	22	22.6	18.8	17.5	19.2	24.8	16.2	93	87.8	72.5	74.8	90.7	94.2	85.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	304.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	E	W	WNW	W	N	41.5	80.2	136.5	42.1	300.3	0	Ci.	Cu.	9	------------	Cu.-N.
2	S	W	WSW	W	NW	NW	32.5	93.6	155.9	82.4	364.4	9	------------	Cu.-N.	5	Ci.	Cu.
3	N	E	WSW	W	W	W	45.4	68.6	164.4	97.1	375.5	1	Ci. SW	Cu.	3	Ci.-S.	Cu.-N. WSW
4	W	S	WNW	WSW	N	W	54.1	100	169.2	85.8	409.1	1	Ci. SWbyS	Cu.	6	------------	Cu.
5	NW	SE	SE	W	W	SE	54.4	51.2	143.2	59.3	308.1	0	Ci.	Cu.	10	------------	N.
6	E	ESE	WSW	WSW	ESE	SE	104.8	109.9	115.3	182.1	512.1	0	A.-Cu.	Cu.	10	------------	Cu.-N.
7	E	SE	SE	W	ESE	E	93	57.6	76.7	145.6	372.9	7	------------	S.-Cu.	9	------------	Cu.-N.
8	E	E	S	W	W	E	152.7	66.3	98.8	-----	-------	7	Ci.-S.	Cu.	8	Ci.-S.	Cu. ESE
9	E	ESE	E	W	W	SE	-----	-----	-----	59.8	-------	6	Ci.-S.	Cu.	9	Ci.-S.	Cu.
10	SE	SE	NW	WSW	W	S	65.8	65.4	149.1	52	332.3	0	Ci.-S.	Cu.	5	Ci.	Cu.-N.
11	SE	ENE	WNW	W	WNW	NW	37.6	92.7	149.1	75.6	355	6	Ci.	Cu.-N.	9	------------	Cu.-N. W
12	W	SE	SW	W	WNW	NW	44.6	82.6	137.1	55.5	319.8	0	Ci. SSE	Cu.	7	------------	Cu. S
13	W	NW	SW	W	WNW	W	70.2	117	166.3	76.7	430.2	9	------------	Cu.-N. WSW	1	Ci.	Cu.
14	W	WSW	WNW	WSW	W	W	88.5	141.8	218.8	179.9	629	0	Ci.	Cu.	6	Ci.	Cu. W
15	NW	N	WSW	W	NW	W	110.5	112.1	91.9	37.6	352.1	9	------------	N. WNW	10	------------	Cu.-N. WNW
16	NW	WNW	WSW	W	W	SE	34.4	62.5	113.5	29.8	240.2	3	A.-Cu.	S.-Cu.	9	------------	Cu.-N. W
17	SE	E	WSW	E	ESE	E	50.4	74	71.4	106.8	302.6	1	Ci.	Cu.-N.	10	------------	N.
18	SE	SE	S	WSW	W	SE	167.1	104.9	72.1	86.6	430.7	5	Ci. S	Cu.-N. SEbyS	10	------------	N. WSW
19	SE	NE	WSW	WSW	WSW	W	41.8	77.9	149.1	87.2	356	7	Ci.-S.	S.-Cu.	10	------------	N.
20	W	W	SE	SW	WSW	W	77	55.2	119.1	92.2	343.5	10	------------	Cu.-N. W	10	------------	N.
21	W	W	W	W	SW	W	36.8	71.9	190.2	107.8	406.7	3	Ci.	Cu.-N.	10	------------	N.
22	W	W	W	W	W	SE	74	106.4	150.3	45.4	376.1	9	Ci.-S.	S.-Cu. S	10	------------	Cu.-N. WNW
23	E	SE	ESE	SW	SE	E	74.3	78.6	57.1	64.2	274.2	7	A.-Cu.	Cu.-N. SSE	8	Ci.	Cu. SSE
24	E	SE	ESE	SW	SE	E	144.5	98	66.6	104.4	413.5	2	Ci.-S. ENE	Cu.	10	------------	Cu.-N.
25	SE	SE	ESE	SE	SW	SE	156.7	116.4	49.6	72.9	395.6	1	A.-Cu.	Cu.-N.	10	------------	Cu.-N. SSE
26	SE	E	SE	S	S	S	84.3	86.4	73.8	65.4	309.9	4	Ci.	Cu.-N. SE	6	Ci.-S.	Cu.
27	------	E	SW	WNW	W	SW	-----	-----	160.9	90.7	-------	5	Ci.	S.-Cu.	9	------------	Cu.-N.
28	SW	WSW	W	W	NW	NW	126.3	190.1	191.8	90.9	599.1	4	Ci.-S.	Cu.-N.	10	------------	N. WSW
29	NW	NW	W	W	W	N	114	97.4	-----	50.7	-------	7	A.-Cu.	Cu.-N. WSW	5	Ci.	Cu.-N. WSW
30	NW	SW	W	WSW	W	W	34.9	97.1	102.4	64.1	298.5	0	Ci.	Cu.	9	Ci.-S.	Cu.-N.
31	NW	NW	W	W	W	NW	86.9	123.1	111.8	52.8	374.6	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. WSW
Mean	------	------	------	------	------	------	79.3	92.4	125.9	81.4	377.1	4.3	------------	------------	8.1	------------	------------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

JUNE, 1915.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	35.47	36.12	36.95	36.44	36.53	37.85	36.56	16.8	16.9	23.4	25.9	20.3	18.4	20.3	25.9	16.1	91	74	62	67	89	97	80	------
2	37.47	37.49	38.48	37.80	37.26	38.56	37.84	18	18	21.8	17.3	18.3	18.1	18.6	24	16.7	95	91	82	80	81	81	85	38.8
3	38.07	38.17	38.42	37.28	37.43	38.12	37.92	17	18	24.2	24.5	18.7	18.4	20.1	25.2	16.2	88	79	65	74	82	77	77.5	1.3
4	37.42	37.41	38.14	36.46	36.54	37.02	37.16	18.2	18.5	22	21.6	18.4	18	19.4	25.1	15.6	77	74	66	89	85	76	77.8	32.3
5	36.29	36.46	37.44	36.43	36.27	37.29	36.70	17.7	17	23.9	20.5	19.4	18.4	19.5	25.2	16.1	76	75	62	93	94	96	82.7	------
6	36.92	37.14	37.83	36.72	37.20	38.32	37.36	17.4	16.9	22.3	22.5	19.9	17.8	19.5	25	16.4	99	96	64	86	80	88	85.5	------
7	37.63	37.55	37.87	36.79	36.76	37.44	37.34	16.4	17.1	24	22.3	18.9	17.2	19.3	24.6	16	92	75	58	84	96	96	83.5	15.5
8	36.64	36.99	37.48	35.67	35.73	36.78	36.55	17.7	17.6	22.4	21.5	18.7	18	19.3	24	16.4	87	83	77	88	91	92	86.3	12.5
9	35.66	35.44	36.11	35.13	35.39	36.36	35.68	17.2	17	20.5	20.9	17.8	17.5	18.5	22.8	16.6	100	93	87	90	89	88	91.2	8.9
10	35.23	35.50	36.24	35.15	35.33	36.40	35.64	17.2	16.8	20.5	20.7	18.1	17.7	18.5	23.3	15.3	85	86	84	87	90	89	86.8	26.7
11	35.86	35.92	36.52	35.69	35.53	37.28	36.13	17	16.5	22.7	22.5	19.6	17.7	19.3	23.5	16	86	82	65	86	94	97	85	5.3
12	36.14	35.74	36.83	35.69	36.13	37.47	36.33	17.2	17.7	20.5	21.4	17.8	17.4	18.7	22.9	16.7	98	88	80	91	92	94	90.5	17.3
13	36.41	36.45	37.01	36.13	36.28	37.37	36.61	17.8	18	22.7	21.6	19.1	18.2	19.6	25.4	16.7	88	85	64	87	92	86	83.7	------
14	36.39	36.38	36.88	36.03	35.86	36.97	36.42	18	17.7	22.9	22.5	20.7	19.1	20.2	24.1	16.7	84	80	60	82	82	91	79.8	------
15	35.64	36.24	36.85	36.57	37.11	37.83	36.71	18.3	18	22.6	22.1	19.1	18.5	19.8	24.8	17.6	88	80	63	72	89	90	80.3	.3
16	36.84	36.80	37.78	37.53	37.82	38.74	37.58	18.2	18.2	23.4	23.4	20.2	18.4	20.3	25.4	17.4	88	84	48	81	91	97	81.5	------
17	38.07	37.39	37.41	36.79	36.61	37.60	37.31	17.6	17.9	23.4	25.9	21.4	19	20.9	26.8	16.8	97	87	56	51	91	95	79.5	1
18	37.10	36.79	37.07	36.14	36.03	37.10	36.70	17.7	17.8	24	24.9	20.7	19.4	20.8	25.9	17.1	95	84	56	76	87	95	82.2	1.3
19	36.25	36.23	36.83	35.67	36.42	37	36.40	18.3	17.9	23	21.2	18.6	18.2	19.5	25	17.5	100	94	74	89	94	94	90.8	13.2
20	36.17	35.95	36.60	35.19	36.01	36.91	36.14	18	18.4	20.2	21.4	17.5	17.2	18.8	23.8	16.7	95	93	88	94	98	95	93.8	21
21	35.72	35.98	37.07	35.82	35.99	37.28	36.31	16.9	17.5	21.9	21.1	18.3	17.7	18.9	23.7	16.2	96	83	77	94	96	95	90.2	7.2
22	36.37	36.26	36.85	35.76	35.68	37.12	36.34	17.4	17.1	22.9	24	19.5	18.8	20	24.5	16.3	94	92	56	78	98	97	85.8	1.6
23	36.11	36	36.38	35.93	35.79	36.75	36.16	17.8	17.4	22.1	19.9	20	18.3	19.2	24.2	16.7	100	94	84	95	94	96	93.8	3.3
24	36.01	35.87	36.45	35.37	35.71	37.10	36.08	17.6	17.9	23.3	23.2	18.9	18.1	19.8	25.2	17.1	98	89	70	84	90	96	87.8	5.1
25	36.48	36.48	36.42	35.59	35.55	36.59	36.18	17.6	17.6	24.1	22.8	19.2	18.4	20	25.8	16.8	100	94	62	85	96	98	89.2	4.1
26	36.24	35.88	36.24	35.53	35.45	36.38	35.95	18.3	18.3	23.9	23.9	20	18.6	20.5	25.5	17.2	95	81	54	64	94	98	81	1.8
27	35.52	35.16	35.52	34.99	34.70	36.23	35.35	17.8	17.1	21.7	22.6	18.3	17.5	19.2	23.3	17.1	100	96	74	74	97	100	90.2	9.2
28	35.83	35.71	36.50	35.70	35.78	36.96	36.08	17	17.6	21.1	20.4	18.7	17.8	18.8	23.3	16.4	100	96	81	88	96	100	93.5	8.6
29	36.06	36.14	36.35	36.40	36.13	37.25	36.39	17	17.4	21.7	19.9	19.3	17.8	18.8	22.7	16.7	100	94	74	90	76	87	86.8	4.1
30	37.07	36.18	36.60	36.14	36.08	37.40	36.58	17.3	17.9	21.8	22.3	18.1	16.9	19	24	16.7	91	86	74	82	97	100	88.3	45.9
Mean	36.44	36.39	36.97	36.08	36.17	37.25	36.55	17.5	17.6	22.5	22.2	19.1	18.1	19.5	24.5	16.6	92.8	86.3	68.9	82.7	90.7	92.7	85,7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	286.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	NE	NE	WSW	W	WNW	E	60.7	63.1	135	80.5	339.3	2	Ci.-S.	Cu.	7	------------	Cu.-N. WNW
2	NE	NE	SW	W	NW	N	43.1	71.6	82.7	35.2	232.6	9	A.-Cu. ENE	S.-Cu. ENE	10	------------	N.
3	NE	E	W	WSW	E	W	51	67.1	141.3	64.1	323.5	0	Ci. SSW	------------	7	------------	Cu.-N. W
4	NW	E	WSW	W	NE	SE	53.4	57.9	137.1	89.5	337.9	3	A.-Cu.	S.-Cu.	7	Ci.	Cu.-N.
5	NE	NE	ESE	W	E	SE	41.5	50.9	68.2	52.6	213.2	0	A.-Cu.	Cu.-N.	10	------------	Cu.-N.
6	E	E	ESE	WSW	SE	SE	83.5	109.9	65.2	64.2	322.8	10	------------	------------	9	------------	Cu.-N.
7	E	E	E	W	W	E	89.9	142.2	93.9	96.3	422.3	0	Ci. N	Cu.-N.	10	------------	Cu.-N.
8	SE	SE	W	WNW	ESE	E	58.2	63.6	86.7	46.7	255.2	0	Ci.-S.	Cu.	10	------------	N.
9	SE	W	WSW	W	SE	SE	38.6	40.5	-----	-----	-------	0	Ci. N	Cu.	10	------------	Cu.-N.
10	SE	E	W	WSW	E	SE	-----	-----	89.6	95.3	-------	8	Ci.	Cu.-N.	10	------------	Cu.-N.
11	E	E	SE	WSW	W	E	94.3	60	85.6	66	305.9	3	Ci. NE	Cu.	9	------------	Cu.-N.
12	SE	Calm	W	W	S	SE	81	50.2	70.2	71.8	273.2	8	Ci.	Cu.	10	------------	N.
13	SE	SE	ESE	SW	E	E	94.3	88.2	52.8	77.9	313.2	3	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. SSW
14	SE	E	E	Calm	S	SE	121.7	112.5	39.1	56.9	330.2	8	Ci.-S.	Cu.	10	------------	Cu.-N. SE
15	E	E	E	E	SE	SE	206	167.9	83.9	109.1	566.9	0	Ci. ENE	Cu.	7	Ci.-S.	Cu.-N.
16	SE	E	ESE	WSW	SW	E	173.8	154.3	57.7	56.1	441.9	5	Ci. SSE	Cu.	9	------------	Cu.-N. SW
17	E	SE	ESE	SW	W	SE	87.4	122.9	61	62.2	333.5	0	Ci.	Cu.	2	Ci.	Cu.
18	E	E	E	WSW	E	E	117.3	85.5	90.7	38.4	331.9	4	Ci.	Cu.	5	------------	Cu.-N. SW
19	E	ESE	W	WNW	ENE	E	96.4	91.7	70.3	42.4	300.8	0	Ci. WSW	Cu.-N.	10	------------	Cu.-N.
20	S	Calm	W	W	NE	SE	27.2	42.6	108.6	82.6	261	5	Ci.-S.	Cu.-N.	10	------------	N.
21	E	SE	W	WNW	WNW	NE	30.6	-----	100.8	43.5	-------	1	Ci.	Cu.	10	------------	N.
22	SE	E	E	WSW	W	SE	88.5	64.6	79.2	32.5	264.8	3	Ci.	Cu.	8	------------	Cu.-N. WSW
23	E	E	W	W	SW	E	51	52.5	91.4	44.8	239.7	0	Ci.	Cu.	10	------------	N.
24	E	E	SE	WSW	SE	SE	93	99.3	76.9	54.9	324.1	1	Ci.	Cu.	10	------------	------------
25	SE	E	E	W	NNW	E	57.3	69.4	101.9	49.4	278	0	Ci.	Cu.	9	------------	Cu.-N.
26	S	ESE	ESE	SE	S	SE	63.3	102.2	70	48.8	284.3	0	Ci.	Cu.	9	Ci.-S.	Cu.
27	E	E	ESE	SE	ESE	SE	167.7	178.8	149.2	154.2	649.9	9	------------	Cu.-N.	9	------------	N. SSE
28	SE	ESE	ESE	WSW	SE	E	96.4	61.5	67.6	49.1	274.6	2	A.-Cu. SE	Cu.	10	------------	N. SW
29	SE	S	SW	WSW	SW	SE	62.5	93.5	120.7	70	346.7	0	A.-Cu.	Cu.-N.	10	------------	N. WSW
30	SW	SE	SSE	WNW	W	SW	87.5	78.3	174.1	114.6	454.5	3	Ci.	Cu.	9	Ci.	Cu.-N.
Mean	------	------	------	------	------	------	83.3	87.2	91.4	67.2	334.1	2.9	------------	------------	8.8	------------	------------

BAGUIO.

[φ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

JULY, 1915.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	37.03	36.65	37.37	36.14	35.93	36.22	36.56	16.9	16.9	18.5	21.3	17.4	16.3	17.9	22.5	15.6	100	89	91	79	98	98	92.5	38.9
2	34.94	34.90	35.53	35.20	35.95	35.27	35.30	16.2	16.9	19	19.1	15.7	17.9	17.5	20.7	15.3	97	92	80	86	98	78	88.5	24.1
3	34.29	34.81	35.46	34.93	34.89	35.80	35.03	17.5	17.2	20	21.3	18.6	17.8	18.7	22.3	16.6	85	92	79	83	95	97	88.5	2.6
4	35.47	36.13	37.04	36.34	36.32	37.52	36.47	17.4	17.9	21.1	20.9	19	17.4	19	23.2	16.8	97	90	86	91	88	96	91.3	.8
5	36.61	36.90	37.75	37.26	36.98	37.72	37.20	16.8	17.1	20.7	20.8	19.3	18.2	18.8	24.6	16.2	100	97	85	95	96	98	95.2	------
6	36.97	37.31	37.62	36.83	36.68	38.26	37.28	18.2	18.3	21.9	22.4	17.9	17.6	19.4	24.5	16.7	91	85	76	87	94	92	87.5	6.1
7	37.05	37.33	38.13	37.11	36.95	38.25	37.47	18.4	18.8	23.1	25	19.6	18.4	20.6	26.2	17.7	86	81	62	76	96	96	82.8	------
8	37.70	38.15	38.65	37.62	37.49	38.97	38.10	17.6	16.9	22.9	23.9	21.3	19	20.3	25.4	16.7	91	87	66	59	92	95	81.7	------
9	38.16	38.44	39.34	38.32	38.27	39.45	38.66	17.8	18.1	23.5	23.6	19	18.7	20.1	26.3	17	93	76	65	81	81	85	80.2	3.6
10	38.71	38.98	39.44	38.03	37.69	38.47	38.55	17.7	18	22.9	23.2	19.9	19.1	20.1	24.5	17	96	96	78	85	90	86	88.5	------
11	37.46	37.64	38.40	37.64	37.96	38.24	37.89	17.7	18	24	21.9	19.2	18	19.8	26.2	17.3	95	83	58	83	94	99	85.3	.5
12	37.71	37.58	37.74	36.59	36.81	37.70	37.36	17.6	18	24.4	24.2	18.4	17.6	20	24.8	16.7	97	87	56	76	93	93	83.7	17.6
13	36.59	36.83	37.05	35.86	35.97	36.84	36.52	17.6	17.3	21	19.6	18.9	17.2	18.6	22.8	16.3	90	92	82	95	89	100	91.3	1.3
14	36.29	36.10	36.48	35.96	35.86	36.14	36.14	16.9	17.4	22.8	22.3	19.7	18.2	19.6	24.8	16.6	99	87	61	64	77	80	78	.5
15	35.67	36	37.02	36.30	35.64	36.43	36.18	17.7	17.5	23.2	18.3	18.7	17.6	18.8	23.4	16.3	81	83	61	82	77	82	77.7	7.1
16	36.61	36.10	37.30	36.70	37.12	37.89	36.95	16.2	17	20.2	23	16.3	16.1	18.1	24.2	15.7	94	86	74	63	94	92	83.8	20.4
17	36.26	36.38	36.78	36.08	36.48	36.91	36.48	18.3	17.3	22	19.8	18.2	17.4	18.8	24.7	16.1	65	66	62	91	74	76	72.3	30.8
18	36.27	36.10	36.38	35.25	34.95	35.91	35.81	16.4	16.6	21	19.9	18.4	17.3	18.3	22.9	15.7	81	77	78	93	93	95	86.2	5.1
19	34.55	34.91	35.47	34.51	34.53	35.33	34.88	16.8	17.4	21.5	22.5	19	18.2	19.2	23.6	16.4	94	86	81	86	92	98	89.5	3
20	34.72	34.91	35.59	34.65	34.81	35.99	35.11	17.6	17.3	22	20.4	19	17.7	19	24.5	16.9	100	99	84	93	95	99	95	------
21	34.73	35.60	36.45	35.69	36.34	37.60	36.07	16.9	16.5	22.1	23.1	18.6	17.9	19.2	24.8	16.3	96	93	79	77	94	94	88.8	4.3
22	36.55	36.59	37.21	36.45	36.77	37.99	36.93	17	16.9	21.7	21.3	18.8	17.2	18.8	24.6	16.4	94	89	73	95	95	100	91	40.9
23	36.72	36.74	37.26	36.22	35.84	36.73	36.58	16.9	16.7	20.9	20.7	18	17.2	18.4	22.8	16.3	99	99	77	91	94	99	93.2	3.8
24	35.34	34.99	35.23	33.60	33.95	34.49	34.60	17	16.7	19.3	20	16.4	17.2	17.8	22.8	16.1	100	99	95	93	98	89	95.7	40.9
25	33.83	33.68	34.18	32.91	32.76	33.98	33.56	16.3	16.3	19.4	21.9	18	16.9	18.1	23.5	16	98	96	90	88	99	100	95.2	33.3
26	33.42	32.86	33.30	32.42	32.19	33.09	32.88	16.5	16.6	20.2	19.5	17.4	17	17.9	20.8	16.3	100	99	92	96	99	99	97.5	28.2
27	32.16	31.82	32.20	31.66	31.45	32.52	31.97	16.8	16.6	18.9	19.5	17.6	17.2	17.8	22.2	16.3	99	99	93	97	99	100	97.8	20.3
28	31.58	31.40	32.10	30.82	30.26	31.32	31.25	16.9	17.1	17.6	20.2	19.3	18.1	18.2	21.5	16.7	100	99	100	95	96	100	98.3	40.9
29	30.56	30.12	30.41	29.63	29.36	30.08	30.03	17.8	17.5	22.3	24.2	19.9	18.2	20	24.7	17	100	95	72	75	93	100	89.2	15.2
30	29.57	29.49	30.61	30.28	30.30	30.98	30.20	17.9	16.5	17.6	21.5	17.8	17.1	18.1	22.6	16.4	99	99	98	79	92	98	94.2	3.1
31	30.56	31.24	31.89	32.37	32.22	33.40	31.95	17.3	17.5	18.1	17.9	17.9	17.5	17.7	19.3	16.7	97	95	95	97	95	99	96.3	28.3
Mean	35.29	35.38	35.98	35.14	35.12	35.98	35.48	17.2	17.3	21.1	21.4	18.5	17.7	18.9	23.6	16.5	94	90.1	78.4	84.9	92.3	94	88.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	421.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	WSW	WSW	WNW	W	W	67.6	123.9	154.5	133.4	479.4	10	------------	Fr.-N. W	10	------------	Cu.-N. WSW
2	W	SSW	SW	WSW	SW	S	54.4	87.1	214	123.9	479.4	10	------------	Fr.-N. WSW	10	------------	Fr.-N. SW
3	SW	S	SSE	W	W	SW	61.8	65.5	105.6	85.6	318.5	7	A.-Cu.	Cu.-N. SSW	10	------------	Cu.-N. WSW
4	W	WSW	W	WSW	W	W	93.3	124.5	141.1	76.1	435	9	Ci.-Cu.	Cu.-N. SW	10	------------	N.
5	W	W	W	W	W	N	72.2	91.1	115.1	53.2	331.6	1	A.-Cu.	Cu.-N.	8	------------	Cu.-N.
6	N	W	W	W	WNW	NE	33.5	51.2	111.5	51	247.2	0	Ci.	Cu.	10	------------	Cu.-N.
7	SE	ESE	E	NE	SW	E	96.4	124.1	71.1	71.8	363.4	0	Ci.	Cu.	5	Ci.	Cu.-N.
8	SE	E	ESE	SE	SW	E	106.2	109.9	70	38.8	324.9	1	A.-Cu.	Cu.-N.	5	A.-Cu. S	Cu.
9	E	ESE	ENE	WSW	W	W	88.5	83.2	82.4	39.7	293.8	3	A.-Cu. E	S.-Cu.	9	Ci.-S.	Cu.-N.
10	SW	NE	WSW	WSW	WSW	SE	52.5	59.8	79.1	50.2	241.6	0	Ci. WSW	Cu.	7	Ci.	Cu.
11	E	E	ESE	WSW	SW	SE	83.1	132.2	81	88.2	384.5	0	Ci.	Cu.	9	Ci.	Cu.-N. SE
12	E	ESE	SE	W	W	E	41.5	98.5	100	78.7	318.7	0	Ci.	Cu.	8	Ci.-S.	Cu.-N. WSW
13	SE	NE	W	W	W	E	66.2	53.9	108	61.5	289.6	1	A.-Cu. ESE	Cu.	10	------------	Cu.-N.
14	E	ESE	SE	SE	E	E	60.4	108.4	107.2	170.8	446.8	2	A.-Cu.	Cu.	8	Ci.-S.	Cu.-N.
15	SE	ESE	E	E	E	E	143.7	146.1	219.1	282.2	791.1	1	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
16	E	E	ESE	E	E	E	188.9	179.2	115.6	197.3	681	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
17	SE	E	SW	W	W	SE	90.3	51.5	66.6	39.6	248	7	Ci.-S.	S.-Cu.	10	------------	N.
18	W	W	W	W	NE	SE	42.3	64.1	98.4	95.5	300.3	0	Ci.	Cu.	10	------------	N.
19	SE	NNE	WSW	W	NNE	SE	67.3	43.3	110.8	45.3	266.7	0	Ci.	Cu.	9	------------	Cu.-N.
20	N	NE	WNW	WNW	W	SE	42.8	48.8	101.1	33.3	226	10	------------	Cu.-N.	10	------------	N.
21	N	NW	WSW	WNW	W	W	54.5	49.3	111.2	44.3	259.3	5	Ci.	Cu.-N.	9	Ci.-S.	Cu. WNW
22	W	WNW	W	W	WSW	W	32.7	67.9	125.5	93.8	319.9	1	Ci.	Cu.	10	------------	N. SW
23	W	WNW	WNW	WNW	N	N	112.3	112.7	123.9	74.3	423.2	10	------------	Cu.-N.	9	------------	Cu.-N.
24	SE	NNW	W	NW	ENE	SE	55.8	80.3	75.8	69.2	281.1	10	------------	Cu.-N.	10	------------	Cu.-N.
25	SE	ESE	W	W	WNW	SW	48	55.3	81.6	47.7	232.6	9	------------	Fr.-N. SE	9	------------	Cu.-N. SE
26	E	ESE	SW	WSW	WNW	NW	76.2	67.9	166.1	52.6	362.8	6	Ci.-S.	Cu.	10	------------	N.
27	SE	ESE	Calm	WNW	NW	W	35.4	30.4	115.7	62.6	244.1	10	------------	Cu.-N.	10	------------	Cu.-N.
28	NW	WNW	S	W	SSE	SE	74.6	114.6	55	51.3	295.5	10	------------	N.	10	------------	Cu.-N.
29	SE	ESE	E	SW	SE	E	96.1	103.3	44	137.4	380.8	6	------------	Cu.-N.	8	Ci.	Cu.-N. ESE
30	E	SE	ESE	SE	E	SE	142.9	120.9	80.5	166.1	510.4	10	------------	N.	9	A.-Cu. SSE	Fr.-Cu. SE
31	E	SSW	SE	SSE	S	SE	135.5	104.3	111.3	83.9	435	10	------------	Cu.-N. SSW	10	------------	N.
Mean	------	------	------	------	------	------	78	88.8	107.8	87.1	361.7	5.1	------------	------------	9	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	11,212.2	----	------------	------------	----	------------	------------

BAGUIO.

[φ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

AUGUST, 1915.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	33.18	33.76	34.61	33.79	34.05	35.47	34.14	17.7	17.5	18.5	20.4	18.4	17.2	18.3	20.8	16.5	97	99	93	84	93	100	94.3	11.7
2	35.28	35.15	35.25	34.64	35	36.25	35.26	17.6	17.5	21.9	20	18.9	17.7	18.9	24.3	16.9	91	91	78	97	97	100	92.3	5.3
3	35.19	35.25	35.98	34.84	34.79	36.26	35.38	17	17.6	18.3	19	18.5	17.6	18	20.3	16.7	100	99	98	98	97	100	98.7	17.8
4	35.10	34.95	35.44	34.83	35.21	35.73	35.21	17.3	17.5	20	20.5	18.4	17.2	18.5	22.7	16.7	100	98	95	91	99	100	97.2	9
5	35.07	35.10	35.60	34.83	35.51	36.15	35.38	17.1?	17.5	20	20.1	17.8	17.9	18.4	20.6	16.1	100?	99	94	93	96	91	95.5	29.3
6	35.34	35.23	36.13	35.19	35.38	36.78	35.68	17.1	16.5	19.4	19.2	17.4	16.2	17.6	23.3	15.7	94	92	89	96	99	100	95	69.6
7	36.17	35.97	36.68	35.77	35.08	35.96	35.94	15.9	16.4	18.6	17	16.8	17.3	17	20.2	15.7	100	97	98	99	99	94	97.8	62
8	34.84	35.02	35.02	34.06	33.84	34.82	34.60	17.4	17.1	18	17.9	17.4	17.7	17.6	18.6	15.5	95	99	100	99	100	97	98.3	104.2
9	34.07	33.84	34.76	34.11	33.92	35.34	34.34	17.3	17.9	18.5	18.2	18	17.9	18	18.7	17.1	100	99	99	99	99	99	99.2	139.2
10	34.52	34.50	35.78	35.08	35.81	36.89	35.43	17.5	17.7	17.8	17.9	16.9	16.3	17.4	18.3	15.8	100	99	99	99	100	100	99.5	104.4
11	35.60	35.99	36.47	35.57	35.97	36.71	36.05	16.5	17.1	18.7	17	16.5	16.7	17.1	19	15.7	100	100	99	100	100	100	99.8	75.8
12	35.85	35.39	35.58	34.90	34.84	35.70	35.38	16.4	17.1	17.7	16.5	15.6	15.4	16.4	18.7	15.3	100	100	100	100	100	100	100	57.8
13	34.72	34.63	35.37	34.51	34.60	35.60	34.90	15.8	16.8	18.6	19	16.4	16.4	17.2	19.9	15.5	100	100	92	93	91	93	94.8	12.5
14	34.80	34.85	35.76	35.61	34.97	36.29	35.38	17.2	17.4	19.9	18	17.2	17.1	17.8	20.8	16.2	92	99	92	90	98	99	95	2.8
15	35.71	35.73	36.60	35.96	35.65	37.43	36.18	17.2	17.5	19.4	18.4	17.4	16.8	17.8	22.9	16	100	100	97	97	77	86	92.8	24.7
16	36.73	36.80	37.13	36.29	36.35	36.95	36.71	16.5	16.5	21.3	21.9	18	17.2	18.6	23.9	16.2	93	95	85	86	95	99	92.2	.5
17	36.11	36.28	36.69	34.93	35	35.61	35.77	17.1	16.7	22.1	23.6	17.9	17	19.1	24	16.3	95	96	81	82	95	97	91	26.7
18	34.63	34.74	35.33	34.19	34.59	35.15	34.77	16.8	17	23.1	21.1	17.9	17.9	19	24.7	16.3	98	96	68	92	94	92	90	25.4
19	34.52	34.38	34.85	33.47	34.19	34.70	34.35	17.4	17.1	21.6	23.6	17.3	17.7	19.1	24	16.1	95	97	76	85	97	90	90	79
20	33.80	34.16	34.68	33.55	34.48	34.30	34.16	17.2	17.2	20.4	21.2	18.2	16.9	18.5	23.3	16	96	98	90	89	97	100	95	56.2
21	34.04	33.86	34.90	34	34.10	34.97	34.31	16.3	17	17.8	18.2	17.4	17.2	17.3	19	16	100	99	100	100	98	99	99.3	7
22	34.67	34.77	35.72	35.05	34.47	35.77	35.08	17.1	16.9	18.4	17.5	17	16.9	17.3	20.2	16.5	98	98	90	98	99	98	96.8	1.9
23	34.79	34.15	35.52	34.48	34.27	35.44	34.78	16.7	16	18.1	18.4	17.4	16.9	17.2	19.5	15.8	96	93	99	99	99	100	97.7	20.5
24	34.43	34.15	34.90	33.88	34.11	35.56	34.50	16.1	16.1	17.4	17.5	16	16.1	16.5	18.3	15.5	100	99	99	99	99	98	99	84.1
25	34.42	34.37	35.78	34.88	35.08	36.30	35.14	15.8	15.9	18	19.2	17	16.4	17	20.8	15	100	99	100	90	98	100	97.8	34.3
26	35.73	35.85	36.86	36.08	36.34	37.42	36.38	16.8	16.4	19.4	19	17.5	17	17.7	21.8	16.2	97	99	92	98	99	100	97.5	9
27	36.80	37.08	37.99	36.93	37.09	37.85	37.29	16.4	16.5	21	20.7	17.5	17	18.2	24.4	15.5	100	99	83	87	98	96	93.8	2.3
28	37.49	37.45	38.32	37.08	37.16	38.45	37.66	16.7	17	22	19.2	16.9	16.3	18	24.3	15.8	94	83	75	94	96	95	89.5	4.8
29	37.74	37.53	37.96	36.68	36.61	37.69	37.37	15.7	16.1	21.9	22.7	18.3	16.8	18.6	24	14.7	96	83	67	73	90	95	84	------
30	37.15	37.22	37.48	36.73	36.71	37.39	37.11	17.4	17.5	22.2	20	18.1	17.2	18.7	24.3	16.3	89	83	76	93	91	91	87.2	------
31	36.36	36.14	36.95	35.62	35.82	36.28	36.20	16.2	16.4	21.2	19.6	16.4	16.5	17.7	23.4	15.4	93	74	78	92	94	93	87.3	42.2
Mean	35.32	35.30	36	35.08	35.19	36.17	35.51	16.8	16.9	19.7	19.4	17.4	17	17.9	21.6	16	97.1	95.5	89.7	93.3	96.3	96.8	94.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,120

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	SW	S	SE	E	S	81.3	83.7	75.4	134.1	374.5	10	-----	Cu.-N. SW	10	-----	N. WSW
2	SW	S	W	W	W	W	62.6	87.1	128.1	99.8	377.6	10	-----	Cu.-N. SW	10	-----	N.
3	W	SE	WSW	WSW	WSW	SW	51.5	147.1	155.9	77.2	431.7	10	-----	Cu.-N.	10	-----	N.
4	SW	W	WSW	W	W	W	44.8	106.8	122	87.2	360.8	10	-----	Cu.-N.	10	-----	N.
5	W	W	W	W	WNW	W	87.4	101.1	163.9	74.6	427	10	-----	N.	10	-----	N.
6	N	W	WNW	WNW	W	W	53.1	77	123.6	82.9	336.6	10	-----	S.-Cu.	10	-----	N.
7	W	WNW	W	WSW	W	W	90.4	124.5	229.9	224.8	669.6	10	-----	Cu.-N.	10	-----	N.
8	W	NE	WSW	W	W	W	244.8	225.5	353	253.7	1,077	10	-----	N.	10	-----	N.
9	W	W	SW	W	WSW	W	196.9	264.5	259.9	247.3	968.6	10	-----	N.	10	-----	N.
10	W	SW	WSW	W	W	W	222.1	246.5	244	148.6	861.2	10	-----	N.	10	-----	Cu.-N.
11	W	W	W	W	W	W	173.9	186.8	246.2	141	747.9	10	-----	N.	10	-----	N.
12	W	W	W	WSW	WNW	SW	275.9	279.7	259.1	133.6	948.3	10	-----	N.	10	-----	N.
13	W	W	W	WSW	W	W	89.8	170.4	146.7	79.2	486.1	10	-----	Cu.-N. W	10	-----	Cu.-N. W
14	W	WSW	NW	SW	W	W	115.3	56.9	148.6	44.3	365.1	10	-----	Cu.-N. WSW	10	-----	N.
15	W	W	W	WSW	NW	W	75.3	53.2	133.6	40	302.1	10	-----	Cu.-N.	10	-----	N.
16	W	NW	W	WNW	N	NE	60	61.2	105.2	49.1	275.5	0	Ci.	Cu.	10	-----	Cu.-N.
17	N	NE	W	W	W	NE	48.5	49.4	71	53.2	222.1	6	Ci.-S.	Cu.-N.	10	-----	Cu.-N.
18	NW	NNW	SE	W	N	SE	43	43.3	81.9	40.2	208.4	6	Ci.-S.	Cu.-N.	10	-----	Cu.-N.
19	NW	NW	W	WNW	SE	NW	35.6	40.4	91.1	57.1	224.2	1	Ci. SE	Cu.	9	Ci.-S.	Cu. W
20	E	NE	W	SW	N	E	42.6	52.9	82.6	68.4	246.5	10	-----	Cu.-N.	10	-----	Cu.-N.
21	W	W	WSW	W	SW	SE	86.7	141.3	148.7	31.4	408.1	10	-----	N.	10	-----	N.
22	W	SW	SW	W	W	W	87.1	120.7	178.6	70.3	456.7	9	-----	Cu.-N. SW	10	-----	N.
23	SW	W	W	W	W	SW	89.1	147.9	143	120.5	500.5	6	Ci.-S.	Cu.-N.	10	-----	N.
24	W	W	W	W	W	SW	183.1	150.8	209.4	196	739.3	10	-----	N.	10	-----	N.
25	W	W	WSW	WSW	W	SW	163.6	172.5	175.7	68.2	580	10	-----	Cu.-N.	10	-----	Cu.-N. W
26	SW	SSE	WSW	WSW	NW	E	44.1	55	113.7	41.8	254.6	10	-----	Cu.-N.	10	-----	N.
27	N	WNW	WSW	WNW	W	W	43.7	55.3	121.5	48.1	268.6	10	-----	Cu.-N.	9	Ci.-S.	Cu.-N. NW
28	NW	N	W	WNW	N	W	35.6	53.7	87.7	37.3	214.3	0	Ci.	S.-Cu.	10	-----	N.
29	W	WNW	W	W	NW	NE	52.9	63	114.6	52.6	283.1	0	Ci.	Cu.	3	-----	Cu. WNW
30	S	S	W	WNW	N	NE	20.7	56.9	83.5	62.5	223.6	1	Ci.	Cu.	10	-----	N.
31	NE	N	W	WNW	NW	NW	38.9	51.2	100.9	98.8	289.8	1	Ci.	Cu.	10	-----	N. NW
Mean	-----	-----	-----	-----	-----	-----	94.8	113.8	151.6	95.6	455.8	7.7	-----	-----	9.7	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	14,129.4	-----	-----	-----	-----	-----	-----

BAGUIO.

[φ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

SEPTEMBER, 1915.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*° C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	35.42	35.17	36.10	34.81	35.06	35.68	35.37	16.6	16.5	21	18	16.2	16.2	17.4	22.7	15.6	91	87	83	98	97	96	92	50.1
2	34.86	34.98	35.55	34.15	34.28	35.43	34.88	16	15.6	19	17.9	17.5	17.8	17.2	20.5	15.3	97	97	92	96	97	98	96.2	64.8
3	34.77	34.92	35.40	34.14	34.11	34.89	34.70	16.3	16.3	19.5	19.2	16.9	16.9	17.5	20.6	15.6	100	99	92	97	99	97	97.3	14.9
4	34.31	34.39	35.29	33.50	33.91	34.88	34.38	16.7	16.5	21.6	20.6	17.6	17.3	18.4	23.3	16.3	95	97	84	97	99	100	95.3	12.2
5	34.02	33.90	34.46	33.39	33.52	34.52	33.97	16.8	16.3	21.1	20	18	17.4	18.3	22.8	16.2	99	99	86	96	98	100	96.3	21.9
6	33.84	33.63	34.09	33.06	33.08	34.19	33.65	17.1	16.7	21.2	19	17.4	16.6	18	22.3	16.1	100	98	84	97	99	100	96.3	35.1
7	33.07	32.58	33.27	31.85	32.14	33.19	32.68	16.8	16.9	20.4	18.4	17.8	17.5	18	20.8	16.2	99	97	91	99	99	97	97	46.8
8	32.23	32.08	32.79	30.99	31.36	32.42	31.98	17.3	16.9	18.9	20.9	17.6	17.8	18.2	22.1	16.5	98	99	94	88	99	99	96.2	47.8
9	31.89	32.25	33.34	32.14	32.54	33.59	32.62	17.1	16.6	19.2	18.9	17.2	17	17.7	21.9	16.2	99	99	96	94	99	100	97.8	49.7
10	33.14	33.09	34.08	32.98	33.12	34.22	33.44	16.9	16.9	18.8	18.3	17.2	15.6	17.3	19.8	15.3	100	99	95	93	99	100	97.7	33.6
11	33.70	33.70	34.44	33.79	33.58	34.38	33.93	16.1	15.9	19.3	18.9	16.9	16.5	17.3	21.1	15.1	100	99	92	95	98	100	97.3	7.4
12	34.19	33.99	35.20	34.10	34.22	35.35	34.51	16.1	16.5	23	22.5	19.2	18.1	19.2	24.3	16	100	97	79	82	96	100	92.3	15.7
13	34.68	34.91	35.77	34.82	34.65	35.66	35.08	17.6	17.3	22.4	20.3	18.9	17.9	19.1	24.5	17.1	100	99	83	97	96	100	95.8	12.6
14	35.19	35.16	36.39	35.05	35.39	36.31	35.58	17.5	17.2	20	21.9	18.1	17.9	18.8	23.7	16.4	100	99	90	87	93	91	93.3	3
15	35.42	35.24	36.41	35.63	35.79	37.13	35.94	16.2	15.5	21.5	22.7	19.2	17.5	18.8	24.4	15.2	90	87	41	78	90	96	80.3	------
16	36.56	36.90	38.15	36.85	37	37.90	37.23	16.5	16.9	19.3	22.5	19.7	18.6	18.9	22.6	16	99	88	78	64	76	76	80.2	------
17	37.39	37.58	38.47	37.34	37.47	38.95	37.87	17.2	17.1	24.6	22.4	19.9	18.4	19.9	25.5	16.7	83	78	54	87	95	98	82.5	------
18	37.41	37.09	38.10	36.90	37.01	37.84	37.39	17.6	17.2	23.5	20.5	19	17.9	19.3	24.5	16.4	98	93	76	91	93	97	91.3	------
19	36.76	36.39	37.24	35.88	36.44	37.64	36.72	17.6	17.9	19.4	22	19	17.7	18.9	22.3	16.7	93	82	81	71	94	99	86.7	------
20	36.74	36.94	37.77	35.70	35.76	37.08	36.66	17.1	17.4	22.9	24.1	19.2	18	19.8	26.2	16.7	98	87	68	78	88	91	85	4.3
21	36.60	36.72	37.95	36.53	36.77	37.34	36.98	17.2	17.1	24.5	17.5	17.5	16.6	18.4	25.8	15.6	89	80	56	94	91	98	84.7	67
22	36.43	36.65	37.80	36.48	36.74	37.92	37	17.1	17	22.5	22.8	19.2	18.6	19.5	25.3	16.3	94	90	63	79	91	92	84.8	.8
23	37.16	37.04	37.50	36.07	36.04	36.72	36.76	17.6	16.9	22.5	21.9	17.9	17.8	19.1	24.6	16.4	96	96	81	87	93	92	90.8	34
24	36.31	36.29	37.08	35.72	35.55	36.92	36.31	17.2	16.6	20.4	18.3	17.9	17.5	18	23.1	16.3	94	94	89	97	95	94	93.8	5.7
25	36.51	36.58	36.92	35.87	35.91	37.32	36.52	16.7	16	21.5	18.3	18	17.2	18	22.3	16	99	99	82	98.	97	98	95.5	32.8
26	36.34	36.45	37.24	36.10	36.12	37.33	36.60	16.5	16.5	21	19.4	17.6	17.1	18	24.3	16	99	94	76	94	98	98	93.2	19.2
27	36.63	36.57	37.37	36.54	36.68	37.96	36.96	16.4	16	20.3	20	18.6	17.3	18.1	23.6	15	100	98	90	97	94	97	96	1
28	36.60	36.73	37.78	36.59	37.03	37.68	37.07	17	16.6	20.6	18.5	17.4	16.8	17.8	23.7	16.2	97	95	85	92	94	95	93	20.9
29	36.53	36.53	37.43	36.13	36.86	37.98	36.91	16.7	17	21.4	23.1	18	17.1	18.9	25	16	91	83	64	81	95	96	85	.5
30	37.18	37.35	38.32	37	37.55	38.57	37.66	16.3	16	22.4	22.9	17.9	16.7	18.7	24.4	15.7	96	88	48	79	92	95	83	1.5
Mean	35.40	35.39	36.26	35	35.19	36.23	35.58	16.9	16.7	21.1	20.4	18.1	17.3	18.4	23.3	16	96.5	93.2	79.1	89.4	94.8	96.3	91.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	602.8

Day.	Wind. Direction.						Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NNW	W	W	W	NW	86.4	53.9	74.8	54.7	269.8	10	Ci.-S.	S.-Cu.	10	------------	N.
2	NE	N	WNW	W	N	W	67.4	44	54.2	31.9	197.5	8	Ci.-S.	S.-Cu.	10	------------	N.
3	NW	W	SE	W	W	W	28.7	41.5	123.7	36.5	230.4	10	------------	N.	10	------------	N.
4	E	E	W	WNW	W	SW	20.1	42	99.2	44.1	205.4	5	Ci.-Cu.	S.-Cu.	10	------------	Cu.-N.
5	W	W	SW	W	NW	S	57.9	54.1	97.1	43.3	252.4	3	Ci.-S.	Cu.	10	------------	N.
6	W	W	W	W	W	NW	26.2	56.5	156.7	87.7	327.1	4	Ci.	Cu.	10	------------	N.
7	W	W	WNW	W	WNW	W	84.8	104.6	123.1	116.9	429.4	10	------------	Cu.-N.	10	------------	N.
8	W	SW	W	SW	W	S	94.1	92.3	125.3	51.7	363.4	10	------------	N.	10	------------	Cu.-N.SW
9	SE	W	SW	W	SE	SE	36.7	52.1	51.8	56.8	197.4	10	------------	Cu.-N.	10	------------	N.
10	S	SE	SW	SW	NE	SW	52.6	73.4	110.4	141	377.4	10	------------	N.	10	------------	Fr.-N.wsw
11	W	W	WSW	W	SW	S	112.1	109.6	93.6	36.5	351.8	10	------------	N.	10	------------	Cu.-N.
12	E	E	W	NW	W	W	104.4	60.7	84.7	39.4	289.2	7	Ci.	S.-Cu.SEbyE	6	------------	Cu. WSW
13	E	E	W	W	W	NW	48.8	53.2	80.7	52.8	235.5	10	------------	Cu.-N.	10	------------	N.
14	W	ESE	W	W	W	E	41.5	68.1	89.6	43.8	243	10	------------	Cu.-N.	10	------------	N.
15	SE	E	ESE	W	S	E	100	104.6	44.5	87.4	336.5	0	Ci. SEbyS	Cu.	7	A.-Cu.	Cu.
16	E	E	E	ESE	SE	E	84	65.8	60.6	128.2	338.6	8	Ci.	S.-Cu. E	9	Ci.-S.	Cu.
17	SE	SE	E	W	W	E	60.6	69.4	58.9	48.3	237.2	1	Ci.	S.-Cu.	8	Ci.	Cu.
18	E	E	W	W	NW	E	61.8	53.7	94.1	44	253.6	0	Ci.	Cu.	10	------------	Cu.-N.
19	E	SE	E	S	W	E	20.9	112.3	42	46.1	221.3	4	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
20	E	SE	E	W	S	SE	55.2	89	66.6	47.7	258.5	4	Ci.	S.-Cu.	8	A.-Cu.	Cu.-N. W
21	SE	E	SW	NE	E	NE	73.2	64.7	111	63.9	312.8	5	Ci.-S.	S.-Cu.	10	------------	N.
22	S	E	ESE	W	W	SW	65.2	78.6	68.2	36.8	248.8	4	A.-Cu. SE	Cu.	8	Ci.	cu.-N.wsw
23	SE	E	WSW	W	E	E	42.8	49.9	81.9	49.3	223.9	0	Ci.	Cu.	10	------------	Cu.-N.
24	S	NE	W	W	NE	W	32.2	55.5	64.4	26.6	178.7	1	Ci.	S.-Cu.	10	------------	N.
25	W	NE	W	W	SW	W	24.6	58.4	74.6	48.6	206.2	7	A.-Cu.	Cu.-N.	10	------------	N.
26	NE	E	E	W	W	NE	39.9	38.3	58.7	21.9	158.8	4	Ci.-S.	S.-Cu.	10	------------	cu.-N.wsw
27	SE	E	W	W	NW	SE	38	53.9	99.3	38.3	229.5	1	Ci. S	S.-Cu.	10	------------	N.
28	SE	SE	SW	Calm	E	E	51.2	42.3	38	68.4	199.9	0	Ci.-S. ENE	S.-Cu.	10	------------	N.
29	E	SE	SE	SW	SW	SE	69	113.2	50.4	47.2	279.8	0	Ci. ESE	Cu.	8	Ci.	Cu.
30	E	E	E	W	W	N	81.9	82.1	73.8	48.3	286.1	0	Ci. EbyS	Cu.	9	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	58.7	67.9	81.7	56.3	264.7	5.2	------------	------------	9.4	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	7,939.9	----	------------	------------	----	------------	------------

BAGUIO.

[φ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

OCTOBER, 1915.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	38.02	38.04	38.98	37.20	37.32	38.22	37.96	16.4	15.9	22.1	23.1	19.8	18	19.2	24.2	15.3	95	94	80	84	95	100	91.3	2.8
2	37.31	37.11	37.44	35.30	36.11	36.73	36.67	16.5	16.5	22.4	24.1	19.1	18.2	19.5	25.2	16.3	100	98	74	75	89	93	88.2	2.1
3	35.16	35.14	35.79	33.80	34.55	35.44	34.98	17.1	17.1	21.9	22.1	18.5	17.4	19	24	16.5	97	89	81	89	91	97	90.7	10.2
4	34.36	34.65	35.64	34	34.32	35.16	34.69	17.1	17.1	22.5	22.4	18.8	18.1	19.3	24.5	16.7	98	94	68	85	96	99	90	3.8
5	34.71	34.55	35.20	33.96	34.39	35.32	34.69	17.1	16.2	22.4	21.9	18.9	17.8	19	24.2	15.7	100	97	82	86	96	100	93.5	14.5
6	34.43	34	34.78	33.16	33.53	34.70	34.10	17.8	16.6	20.2	23	18.5	17.6	19	25.1	16.2	97	99	91	80	98	100	94.2	23.7
7	33.74	33.55	34.44	33.36	33.43	34.70	33.87	17.4	16.6	21	20.1	19.1	17.4	18.6	23.6	16.2	100	95	88	91	95	100	94.8	2.3
8	33.44	33.67	35	33.54	33.79	34.58	34	17	16.2	21.7	22.3	18.4	17.3	18.8	24.4	16	99	95	70	77	94	90	87.5	1.3
9	33.46	34.05	35.21	34.01	34.44	35.35	34.42	16.9	16.9	21.9	23.9	18.9	17.8	19.4	25.6	15.9	78	60	44	61	94	86	70.5	-----
10	34.47	35.13	35.83	35.24	36.43	37.46	35.76	17.4	17.3	22.2	23.2	19	17.4	19.4	25.3	17	84	77	62	68	89	96	79.3	.5
11	37.50	37.63	38.64	37.53	38.11	39.29	38.12	17	16.6	21.4	22	17.9	17.5	18.7	25.5	16.4	96	92	70	86	92	94	88.3	1.3
12	38.37	38.05	38.45	36.71	37.48	37.75	37.80	16.8	16.6	22	20.4	16.9	16.6	18.2	24.6	15.9	97	93	82	90	94	95	91.8	21.7
13	36.48?	36.61	36.92	35.33	35.29	35.53	36.03	16.2	16.4	21.4	19.8	18	16.9	18.1	23.8	15.7	95	94	81	94	95	98	92.8	3.6
14	35.25	34.85	35.96	34.88	34.40	35.53	35.14	17.1	17	18.2	21.2	17.4	17.3	18	22	16.4	90	83	87	70	90	89	84.8	2.8
15	35.37	35.20	35.95	35.21	35.53	36.52	35.63	16.9	17.1	19.6	21.5	18.6	17.3	18.5	22.8	16.5	91	89	78	67	82	92	83.2	-----
16	36.01	36.10	36.99	35.76	36.59	37.40	36.48	17	16.9	22.9	25.1	18.8	17.4	19.7	25.4	16.2	93	90	68	66	95	100	85.3	-----
17	36.57	36.83	37.77	35.87	36.31	37.42	36.80	16.6	16.2	21.1	20.9	18.9	17.7	18.6	24.8	16.1	100	97	84	90	94	98	93.8	.8
18	36.34	36.85	37.64	36.01	36.20	37.18	36.70	17.1	16.6	21.7	23.2	18.6	18.2	19.2	24.3	16.4	97	93	85	81	94	90	90	13.8
19	36.32	36.29	37.42	36.27	36.78	37.75	36.80	17.2	17	22.7	22	18.7	18	19.3	25.1	16.5	95	94	81	89	93	92	90.7	7.4
20	37.08	37.50	38.17	36.35	36.42	37.76	37.21	17	16.5	22.2	22.8	19.4	17.5	19.2	24.4	16.1	94	88	82	84	93	96	89.5	-----
21	36.71	36.85	37.32	35.97	36.14	36.66	36.61	16.8	17.4	22.5	21	18.5	16.6	18.8	24.8	15.7	88	72	68	80	95	95	83	1.8
22	35.79	35.82	36.76	35.02	35.10	36.36	35.81	15.8	16.1	21.9	21.5	18.8	17.8	18.6	24.2	15	81	64	73	84	89	95	81	-----
23	34.81	34.25	34.80	32.55	32	31.87	33.38	17.3	17.6	20.9	20.6	18	17.9	18.7	22.1	16.4	89	82	66	69	84	85	79.2	.3
24	30.05	29.23	29.46	28.01	27.54	28.47	28.79	18.8	18	18.7	18.6	17.5	17.3	18.2	20.3	16.8	79	88	82	85	94	97	87.5	5.9
25	27.45	28.13	29.23	29.06	30.46	31.92	29.38	16.8	17.2	18.2	16.9	15.6	15.9	16.8	18.4	15.1	100	96	89	96	99	94	95.7	8
26	31.97	32.53	34.57	33.95	34.79	35.57	33.90	15.6	15.6	19.9	22.4	18.5	17	18.2	23.2	15.2	96	92	70	60	88	96	83.7	-----
27	34.96	35.39	36.02	34.57	35.14	35.43	35.25	16.1	16.8	18.9	18.7	17.2	16.4	17.4	20.4	15.7	100	93	94	95	97	100	96.5	13.7
28	34.25	33.74	34.09	32.18	31.79	31.85	32.98	16.5	17	22.2	21.2	17.5	16.1	18.4	23.7	15.5	97	90	87	79	95	100	91.3	73.7
29	29.93	28.77	27.41	24.90	23.04	24.64	26.45	16.4	16.6	17.4	17.2	17.2	16.9	17	18.3	15.9	100	100	99	100	97	97	98.8	650.1
30	25.76	28.16	30.87	30.95	31.65	32.95	30.06	16.3	15.9	15.9	15.5	15.9	15.3	15.8	17.8	14.4	100	98	99	99	87	89	95.3	11.2
31	32.79	33.49	35.45	34.48	35.16	36.37	34.62	15?	15.9	17.5	17.4	16.5	16.3	16.4	18.2	14.5	94?	93	85	95	96	97	93.3	5.5
Mean	34.48	34.59	35.43	34.04	34.33	35.22	34.68	16.8	16.7	20.8	21.2	18.2	17.3	18.5	23.2	15.9	94.2	89.6	79	82.4	92.9	95.2	88.9	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	882.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	N	W	W	S	S	48.8	46.7	62.3	37.5	195.3	0	Ci.	S.-Cu.	9	----------	Cu.-N.
2	NE	N	SW	W	W	E	57.6	59.5	63.6	28.5	209.2	1	Ci. S	Cu.	8	Ci.-S.	Cu.-N.
3	N	N	SW	W	SW	E	58.7	40.5	69.4	50.2	218.8	1	Ci. ESE	Cu.-N.	10	----------	Cu.-N.
4	E	W	ESE	W	W	SE	40.4	37.2	74.8	30.9	183.3	2	Ci. SEbyS	Cu.	10	----------	N.
5	E	NE	WSW	W	W	S	54.5	65.2	96	27.7	243.4	0	Ci. NW	Cu.	10	----------	Cu.-N.
6	NE	W	WSW	W	NW	E	27.2	53.4	94.3	46.1	221	0	Ci.	Cu.	8	----------	Cu.-N. WbyS
7	E	E	W	W	SE	S	46.4	49.6	44.6	45.3	185.9	0	Ci.	Cu.-N.	10	----------	N.
8	E	E	E	W	E	E	119.9	101.4	40.8	128.1	390.2	2	Ci.-S. WSW	Cu.	9	Ci.-S.	Cu.-N. ESE
9	E	SE	E	SW	S	E	176.5	151.6	51.3	134.9	514.3	3	Ci.-S.	Cu.	4	Ci.-S.	Cu. E
10	E	E	E	SE	SE	E	206	185.2	60.6	90.3	542.1	4	Ci.	S.-Cu.	6	A.-Cu.	Cu. EbyS
11	SE	E	SE	SW	N	W	77	118.6	72.4	37.6	305.6	4	Ci.-S.	S.-Cu.	10	----------	Cu.-N.
12	W	E	SW	W	N	E	39.4	60.9	90.3	54.2	244.8	0	Ci.-S.	S.-Cu.	10	----------	Cu.-N.
13	NW	W	WSW	W	E	E	39.6	33	85.3	79.9	237.8	0	Ci. NW	Cu.	10	----------	N.
14	E	E	E	E	E	E	109.9	160.1	166.3	217.5	653.8	4	Ci.	S.-Cu.	10	----------	Cu.-N. E
15	E	E	E	E	E	E	166	230.3	162.6	124.9	683.8	8	Ci.	S.-Cu. E	7	Ci.-S.	Cu.-N. SEbyE
16	E	ESE	SSE	WNW	W	S	106.8	80.7	40.5	41	269	9	Ci.	S.-Cu.	8	Ci.	Cu.
17	N	NE	SW	W	NE	NE	35.1	43.8	58.7	30	167.6	7	----------	Cu.-N.	10	----------	Cu.-N.
18	W	NE	SW	SW	NE	SW	23.6	48.6	74.3	63.6	210.1	1	Ci.	Cu.-N.	9	----------	Cu.-N. WNW
19	W	E	W	W	NE	E	30.9	37.3	60.7	29.8	158.7	0	Ci.	Cu.	10	----------	Cu.-N.
20	NE	NE	W	W	SE	SE	39.9	49.9	60.4	67.3	217.5	0	Ci. NEbyE	Cu.	9	----------	Cu.-N. SW
21	SW	S	E	E	S	NE	34.8	66.6	60.4	61.5	223.3	1	Ci.	Cu.-N.	5	Ci. -S.	Cu.-N.
22	E	S	WSW	W	S	SE	37.8	31.6	53.1	38.4	160.9	4	Ci.-S.	Cu.	10	----------	Cu.-N.
23	W	ENE	NE	ENE	E	E	56	80.7	76.2	129.5	342.4	9	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. NE
24	E	E	E	E	ESE	E	214.5	250.7	305.8	365.7	1,136.7	10	----------	N. E	10	----------	Fr.-N. E
25	E	E	SE	SE	ESE	SE	311.2	353	259.3	143	1,066.5	10	----------	Cu.-N. SE	10	----------	N.
26	E	SE	SE	SE	WSW	E	168.4	187.5	53.7	79.9	489.5	4	Ci.	Cu.-N. S	1	A.-Cu.	Cu. SSE
27	N	W	W	NW	NW	NW	56.5	71	93.9	76.1	297.5	3	Ci.	Cu.-N.	10	----------	Cu.-N.
28	NE	NNW	SW	NW	NNW	NW	47.2	52	92.8	207.9	399.9	9	Ci.-S.	S.-Cu.	9	Ci.	Cu.-N. N
29	NW	NW	WNW	W	W	W	306.2	514.3	814	-----	-----	10	----------	N.	10	----------	N.
30	SW	WSW	SW	SW	S	SE	-----	-----	-----	122.9	-----	10	----------	N.	10	----------	Cu.-N. WSW
31	SE	ESE	SE	ESE	SE	SE	149.1	88.8	66.3	140.3	444.5	10	A.-Cu.	Cu.-N.	10	----------	N.
Mean	-----	-----	-----	-----	-----	-----	96.2	111.7	113.5	91	366	4.1	----------	----------	8.8	----------	----------

BAGUIO.

[φ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

NOVEMBER, 1915.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	35.85	36.55	37.57	36.20	36.72	37.71	36.77	16.3	16.6	21	21.7	18.7	18	18.7	22.4	16	96	95	80	77	94	90	88.7	------
2	36.88	37.32	37.98	36.39	36.70	37.12	37.06	17.2	17.1	20.8	21.5	18	17.4	18.7	23.3	16.7	92	82	90	94	99	92	91.5	0.3
3	36.01	35.23	34.83	30.53	26.48	7.58	28.44	16.3	16.4	18	18	17.4	17.2	17.2	18.7	15.5	87	84	74	85	89	90	84.8	54.2
4	25.54	31.01	34.47	34.05	35.38	36.45	32.82	15.9	15.9	16.7	18.1	17.1	17.1	16.8	18.5	14.7	99	99	99	86	92	94	94.8	17.2
5	36.42	36.79	38.23	36.88	37.21	38.13	37.28	16.9	17	20	23.3	18.8	17.9	19	24.3	16.7	96	92	79	58	98	96	86.5	------
6	37.16	37.29	37.66	35.87	36.51	37.39	36.98	17.3	16.5	21.1	22.4	18.5	17.1	18.8	25.4	16	94	91	65	82	82	89	83.8	------
7	36.50	36.69	37.39	35.80	36.41	37.39	36.70	16.6	15.9	22	21	18.1	16.5	18.4	24.3	15.7	88	82	63	84	89	96	83.7	------
8	36.47	36.95	37.88	36.36	36.83	37.53	37	17	15.9	23.7	22	18.9	17.8	19.2	24	15.2	83	88	55	83	95	98	83.7	------
9	36.83	37.23	37.90	36.04	36.60	37.45	37.01	17.1	16.5	23.1	20.7	19.3	17.8	19.1	24.6	16.1	93	90	74	87	94	95	88.8	4.3
10	36.10	35.94	36.48	34.72	34.58	34.53	35.39	17.1	17	19.8	19.6	17.3	16.8	17.9	21.5	16.1	90	70	71	85	90	93	83.2	9.2
11	33.08	33.53	35.40	34.38	35.50	36.23	34.69	16	16.2	16.2	15.8	16.5	16.4	16.2	16.8	14.8	94	92	93	97	89	90	92.5	2.3
12	35.36	35.89	37.22	36.08	36.96	37.58	36.52	16.2	16.1	19.1	20.4	17.5	16.7	17.7	22.6	15.7	93	94	82	71	89	91	86.7	------
13	36.99	37.01	38.11	36.61	37.48	38.45	37.44	16.3	16.7	21.4	22.4	18.2	17.1	18.7	25.1	15.7	90	86	69	78	95	99	86.2	2.3
14	37.81	38.38	39.23	37.44	37.72	38.74	38.22	16	15.6	22.1	20.5	18	16.5	18.1	24.4	15.2	100	99	66	89	95	91	90	------
15	38.16	38.28	39.27	37.44	37.55	37.98	38.11	16.1	16.7	22.9	23.6	18.5	17	19.1	24.4	15.4	87	61	56	78	86	85	75.5	------
16	37.32	37.60	38.59	36.79	57.40	37.91	37.60	15.6	14.9	23.6	20.9	15.6	17.1	18	24.3	14.5	87	77	41	85	93	79	77	16.8
17	36.93	36.84	37.70	36.20	36.71	37.44	36.97	16.6	16.2	20.5	19.4	17.4	15.7	17.6	22.2	14.7	83	87	82	89	92	90	87.2	------
18	37.04	37.77	38.72	37.48	37.75	39.11	37.98	15.2	15.1	21.4	22.6	17.2	14.9	17.7	23.8	14	86	82	49	61	62	72	68.7	------
19	38.17	38.08	39.32	37.75	38.18	39.10	38.43	14	14.9	21.4	22.5	17.2	15.6	17.6	23.1	13.2	80	65	55	57	78	83	69.7	------
20	38.23	38.35	39.23	37.74	37.76	38.34	38.28	15.5	15.9	22	22.5	18.1	17.4	18.6	23.8	14.6	82	68	56	44	69	74	65.5	------
21	37.41	37.58	38.79	37.13	37.38	37.92	37.70	16.7	17.2	21.9	21.1	17.4	16.7	18.5	24.3	15.6	78	73	71	64	79	82	74.5	------
22	37.08	36.70	37.76	36.61	36.71	37.62	37.08	16	16.5	22.3	20.7	17.2	16.7	18.2	24.2	15.3	82	74	54	65	81	80	72.7	------
23	36.84	36.90	37.75	35.84	35.97	36.89	36.70	16.1	16.1	19.9	23.2	17.5	17.2	18.3	24	15.5	82	77	69	56	85	85	75.7	------
24	36.19	36.01	36.69	35.39	35.70	36.23	36.04	16.4	16.5	22.3	20.9	17.5	16.9	18.4	25.4	16.1	88	82	57	84	94	96	83.5	.3
25	35.26	35.34	36.04	34.20	34.80	35.75	35.23	17.1	16.6	23	20.1	18.7	17.8	18.9	24.6	16.5	90	88	59	88	95	96	86	------
26	34.69	34.59	35.72	34.11	34.66	35.60	34.90	16.7	17.4	23.2	19.5	18.3	17.3	18.7	25.1	16.3	100	87	58	95	95	98	88.8	21.1
27	35.04	35.18	36.58	34.75	35.23	36.42	35.53	16.5	17.1	19.2	19.8	17.9	17.4	18	21.8	16	98	88	85	91	99	97	93	1.8
28	35.31	35.80	36.71	35.44	35.92	36.85	36	16.7	17	23.2	20	17.7	16.7	18.6	24.2	16.2	96	88	71	95	97	98	90.8	------
29	35.88	36.34	37.55	35.94	36.34	37.18	36.54	16.7	16.4	23	19.9	18.2	17.1	18.6	23.2	15.7	93	87	72	94	85	90	86.8	14
30	36.81	37.05	38.08	36.55	36.72	37.45	37.11	16.1	15.1	17.2	18.2	16.9	15.7	16.5	18.6	14.3	95	87	70	68	77	86	80.5	------
Mean	36.11	36.47	37.50	35.89	36.20	36.34	36.42	16.3	16.3	21.1	20.7	17.8	16.9	18.2	23.1	15.5	90.1	83.8	68.8	79	88.6	89.8	83.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	145.4

Day.	Wind. Direction.						Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	SE	SE	SE	ESE	E	91.7	112.7	54.2	93	351.6	4	A.-Cu.	Cu.-N. S	9	------------	Cu.-N. SSE
2	E	ESE	W	W	SE	SE	141.3	48.8	51	63.9	305	6	A.-Cu. E	S.-Cu.	10	------------	Cu.-N.
3	NE	NNE	N	NNW	ENE	E	47.3	44.1	129	-----	------	7	Ci.-S. EbyS	Cu.-N.	9	Ci.-S.	S.-Cu. NE
4	SE	SSE	SSE	SE	SE	E	-----	-----	-----	170.9	------	10	------------	N.	10	------------	Cu.-N.
5	SE	ESE	SE	SW	W	E	210.5	151.3	39.2	51.8	452.8	3	------------	Cu.-N. SE	2	------------	Cu. S
6	SE	SE	E	SW	W	E	78.7	88.3	46.9	42.3	256.2	2	Ci.	Cu.-N.	7	Ci.-S.	Cu.
7	S	SE	ESE	SW	W	NE	40.7	62.8	47	37.3	187.8	0	A.-Cu.	S.-Cu.	9	------------	Cu.
8	SE	E	ESE	WSW	W	SE	46.7	47.8	56.5	28.4	179.4	0	Ci.	S.-Cu.	10	------------	Cu.-N.
9	N	N	WSW	W	ENE	SE	28.5	42.4	74.2	55.2	200.3	0	Ci.	Cu.	10	------------	------------
10	E	E	SE	N	ESE	E	69.7	63.3	41.3	155.3	329.6	8	Ci.-S. ENE	S.-Cu.	10	Ci.-S.	N.
11	E	E	E	ESE	ESE	E	309.2	278.2	205.7	170.8	963.9	10	Ci.	Cu.-N. E	10	------------	Fr.-N. ESE
12	E	E	E	SE	E	E	164	162.8	80.5	130.6	537.9	8	Ci.	Cu.-N. SE	9	A.-Cu.	Cu.-N. SSE
13	SE	E	ESE	W	SW	SE	170.9	110.4	56.9	60.4	398.6	1	Ci.	S.-Cu.	7	Ci.	Cu. WSW
14	E	NE	SE	W	SE	SE	73.2	59.5	78.9	100.1	311.7	1	Ci.	Cu.	10	------------	Cu.-N.
15	E	SE	ESE	W	SE	E	54.4	61.7	59.8	82.6	258.5	0	Ci.	Cu.	4	------------	Fr.-Cu. SW
16	E	E	SE	SW	ENE	E	74	55	63.6	90.4	283	1	A.-Cu. ESE	Cu.	9	------------	Cu. ENE
17	NE	E	SW	W	SE	E	49.6	61.4	84.2	96.1	291.3	0	A.-Cu.	Cu.	9	Ci.	Cu.-N. WbyS
18	E	E	SE	SW	SE	E	57.6	106.8	46.2	32.7	243.3	0	------------	Cu.-N.	0	------------	Cu.
19	N	SE	E	SE	SE	SE	38.9	62.3	78.7	64.9	244.8	0	Ci.	Cu.	2	Ci.-S.	Cu.
20	E	E	E	E	SE	E	124.7	132.6	100	91.2	448.5	0	------------	Cu.-N.	0	------------	Cu.
21	E	SE	SE	E	SE	SE	79.5	47	68.2	115.1	309.8	1	------------	Cu.-N,	9	------------	Cu.-N.
22	NW	E	E	SE	SSE	W	86.3	78.4	75	37.2	276.9	1	Ci.	Cu.-N.	8	------------	Cu.-N.
23	SE	S	SE	SE	W	SW	46.9	42.1	61.5	29.2	179.7	0	------------	Cu.-N.	8	Ci.-Cu.	Cu. SEbyE
24	W	SW	SW	SW	S	W	51.3	40.7	60.4	26	178.4	1	Ci.	Cu.-N.	10	------------	Cu.-N.
25	W	SE	SW	W	S	SE	35.1	38.9	62.5	34.1	170.6	0	Ci.	Cu.	10	------------	------------
26	N	SE	SE	WSW	SE	E	43.1	47	67.3	85.3	242.7	1	Ci.	Cu.-N.	10	------------	Cu.-N.
27	E	ESE	W	W	Calm	E	145.1	65	41.6	63.3	315	10	------------	Cu.-N.	10	------------	Cu.-N.
28	S	E	SE	WSW	SE	E	51.2	74.3	74.8	33.5	233.8	0	A.-Cu.	Cu.	10	------------	N.
29	NE	W	SE	W	SE	E	31.7	34.4	72.2	77.4	215.7	0	Ci.	Cu.	10	------------	N.
30	NE	E	E	E	ESE	E	98	108.3	122.3	130.2	458.8	10	------------	S.-Cu.	10	------------	Cu.-N.
Mean	-----	-----	-----	-----	-----	-----	87.6	80.3	72.4	77.6	315.2	2.8	------------	------------	8	------------	------------

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

DECEMBER, 1915.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	36.79	37.17	38.30	36.38	37.38	38.08	37.35	16.1	15.9	20.9	22.3	17.8	16.8	18.3	22.7	15.1	83	88	64	59	75	79	74.7	------
2	37.18	37.28	38.58	37.08	36.99	37.67	37.46	15.9	15.9	21.2	18.4	16.9	15.5	17.3	21.6	14.8	85	85	63	94	85	92	84	------
3	36.64	36.72	37.56	36.29	36.34	37.26	36.80	15.6	15.1	20.5	21.7	17.4	15.2	17.6	22.5	14.3	88	85	63	58	88	93	79.2	------
4	36.39	36.41	37.45	35.91	36.17	36.57	36.48	13.9	13.4	20.7	19.9	16.7	15.4	16.7	22.7	13.2	94	82	53	80	88	89	81	------
5	35.88	35.68	36.61	35.10	35.16	36.28	35.78	14.8	14.5	20.9	19	16.6	15.3	16.8	21.4	13.6	90	87	63	84	97	100	86.8	------
6	35.29	34.86	35.58	33.50	33.47	33.76	34.41	14.8	14	22.2	19	17.2	17.5	17.4	23	13.5	99	94	61	84	94	85	86.2	------
7	32.11	30.97	31.69	29.07	28.52	28.92	30.21	17.6	19.5	19.1	19	18.3	16.9	18.4	19.8	16.5	81	67	76	74	79	91	78	4.2
8	28.13	28.63	31.02	30.32	31.02	32.53	30.28	16.8	16.5	16.5	16.4	16.9	16.6	16.6	17.4	15?	94	94	99	98	89	91	94.2	19.7
9	32.19	33.32	34.65	34.18	34.95	35.89	34.20	16.7	16.9	17.9	19.8	17.8	17	17.7	21.7	16.5	89	89	86	78	90	95	87.8	.6
10	35.34	35.58	36.92	35.70	36.03	36.70	36.04	16.5	15.9	20.9	22.5	17.9	16.2	18.3	23.5	15.6	98	95	67	69	95	100	87.3	1
11	35.54	35.52	36.37	34.90	35.04	36.09	35.58	16.7	16	15.2	18.6	17.6	16.9	16.8	18.9	14.9	85	90	92	82	87	91	87.8	10.5
12	35.13	35.23	36.31	34.50	34.82	35.64	35.27	16.7	17	19.6	20.1	17.7	16.9	18	21.8	16.2	91	95	82	89	98	100	92.5	4.6
13	34.78	34.93	36.13	34.05	34.78	35.55	35.04	17	16.5	18.8	21.5	18.6	18	18.4	22.2	16.2	97	95	97	85	98	100	95.3	5.6
14	34.93	35.25	36.55	34.84	34.92	35.76	35.38	17.5	16.7	18.6	17.9	17	16.4	17.4	19.3	16	100	95	98	99	98	98	98	27.5
15	35.29	35.88	37.25	35.44	36.23	36.96	36.18	16.9	16.5	22.4	19.8	17.6	16.6	18.3	23.3	16.1	90	93	72	92	98	100	90.8	.5
16	36.28	36.66	37.70	36.17	36.47	37.67	36.82	16	16.2	22.3	19.6	18.1	16.4	18.1	23.1	15.6	100	98	74	96	94	99	93.5	------
17	37.28	37.39	38.29	36.16	36.51	37.40	37.17	16.3	15.9	21.4	22	18.4	16.7	18.4	23.5	15.5	98	94	72	81	93	100	89.7	------
18	36.52	36.92	38.19	36.79	36.88	38.16	37.24	15.2	15	19.9	21.9	15.6	13.9	16.9	23.4	13.1	100	91	66	61	83	95	82.7	------
19	37.38	37.36	38.48	37.08	37.22	37.87	37.56	13.4	14	18.7	21.3	15.8	14.8	16.3	22.5	12.9	98	76	62	59	78	85	76.3	------
20	37.52	38.02	39.13	37.64	37.95	38.87	38.19	14.8	15	17.3	20.1	16	14.7	16.3	20.7	14	84	77	71	67	92	97	81.3	------
21	38.29	38.45	39.73	37.95	38.11	38.79	38.55	14.3	16	22.1	19.4	17	15.8	17.4	23.2	13.3	95	76	63	87	94	95	85	4.8
22	37.77	37.35	38.48	36.92	37.28	37.83	37.60	15.1	15.9	20.3	19.7	16	14	16.8	22.8	13.2	95	70	65	89	81	92	82	------
23	36.77	37.02	38.28	36.98	37.15	37.99	37.36	13.4	13.3	18.4	20	15.3	14	15.7	21.2	12.7	93	83	64	57	78	86	76.8	------
24	37.22	37.36	38.69	37.10	37.48	37.96	37.64	13.2	14.1	18.3	20.9	16.6	15.5	16.4	22.4	12.9	91	80	66	73	76	84	78.3	------
25	37.24	37.52	38.60	36.69	37.26	38.03	37.56	14.6	13.7	19.4	21	17.2	15.8	17	22.9	13.1	86	97	64	77	81	88	82.2	------
26	37.38	37.36	38.27	36.80	37.05	37.48	37.39	14.7	16	22.6	22.4	17.5	15.7	18.2	23.8	13.5	93	75	58	76	93	100	82.5	------
27	36.68	36.95	37.64	35.30	35.60	36.28	36.41	15.5	15.9	22.1	23.8	19.1	17.7	19	24.4	15	98	82	66	72	91	91	83.3	------
28	35.37	35.65	36.77	34.88	35.83	36.17	35.78	16.5	16	20.4	23	18.5	17.6	18.7	24.4	15.5	91	88	79	79	97	99	88.8	------
29	35.31	35.45	36.52	35.03	36.21	37.09	35.94	17.2	16	22.2	20.5	18.3	17.7	18.6	23.6	15.6	94	99	66	89	99	97	90.7	.3
30	36.37	36.69	38.08	36.62	37.23	37.51	37.08	17	15.9	20.2	20.6	19.1	17.4	18.4	23.5	15.5	98	99	83	91	95	100	94.3	------
31	36.97	37.25	38.53	36.48	36.95	37.62	37.30	16.8	16.2	19.4	17.3	17.2	15.9	17.1	20.2	15.5	97	99	88	93	83	94	92.3	13.7
Mean	35.87	36.03	37.17	35.54	35.90	36.66	36.20	15.7	15.7	20	20.3	17.3	16.2	17.5	22.2	14.7	92.7	87.7	72.4	79.7	89.3	93.7	85.9	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	93

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	ESE	ESE	SE	SE	E	101.4	135.7	74.6	98.8	410.5	1	------------	Cu.-N.	7	Ci.-S.	Cu.
2	E	SE	NE	W	E	SE	75.9	37.2	49.3	81	243.4	9	------------	S.-Cu.	10	------------	Cu.-N.
3	E	E	SE	S	SE	E	74	107.8	45.1	79.9	306.8	1	------------	S.-Cu.	7	Ci.-S. SW	Cu.
4	E	E	E	WSW	SSE	E	105.2	91.7	61.2	99.8	357.9	0	Ci.	Cu.-N.	10	------------	Cu.-N.
5	E	E	WSW	W	SW	SE	89.5	65.8	86.3	34.8	276.4	2	------------	S.-Cu.	10	------------	Cu.-N.
6	W	NNE	W	W	E	NE	56.3	95.2	50.1	66.8	268.4	3	------------	Cu.-N.	8	Ci.-S. EbyS	Cu.-N.
7	N	E	E	E	E	E	127.9	147.9	267	338.5	881.3	10	------------	Cu.-N. NEbyN	10	Ci.-S.	Cu.-N. EbyN
8	E	ESE	E	SE	SE	SE	360.2	333.2	294.8	317.5	1,305.7	10	------------	N. ESE	10	------------	N.
9	SE	SE	SE	ESE	E	SE	315.4	287.2	105.9	142.6	851.1	10	Ci.	Cu.-N. SE	9	Ci.	Cu.-N. SE
10	E	E	ESE	SE	SE	SE	119.6	159.6	38.8	98	416	1	Ci.	Cu.-N.	3	Ci.	Cu. SEbyE
11	E	E	E	E	SE	E	100.3	151.6	130.4	107.6	489.9	9	------------	Cu.-N.	9	Ci.-S.	N.
12	E	SE	S	SW	N	NE	64.1	36.7	55.5	34.6	190.9	10	------------	Cu.-N.	10	------------	N.
13	E	SE	WSW	W	NE	S	22.8	31.9	48.8	------	------	2	Ci.	S.-Cu.	10	------------	Cu.-N.
14	NE	W	W	WSW	SE	E	------	------	76.4	102.5	------	9	------------	Cu.-N.	10	------------	N.
15	SE	SE	SE	W	SW	SE	63.8	57.7	45.9	51.2	218.6	7	------------	S.-Cu.	10	------------	N.
16	E	NNE	E	W	S	E	83.2	56.6	60.2	36.4	236.4	7	------------	S.-Cu.	10	------------	Cu.-N.
17	NE	N	NNE	SW	SE	SE	75.9	78.3	50.1	92.2	296.5	0	Ci.	Cu.-N.	9	------------	Cu.-N. SSE
18	E	SE	E	S	ESE	E	133.4	116.2	62.2	174.3	486.1	0	------------	Cu.-N.	6	Ci.-S.	Cu. E
19	SE	ESE	ESE	E	SE	SE	175.4	123.7	96.1	173.5	568.7	3	------------	S.-Cu.	6	Ci.-S.	Cu. ENE
20	E	E	E	ESE	SE	SE	146.9	125.7	109.1	132.6	514.3	9	------------	S.-Cu.	7	Ci.-S.	Cu.
21	E	SE	WSW	W	E	N	99.6	49.7	67	51.7	268	6	Ci.	S.-Cu.	10	------------	Cu.-N. wbyS
22	E	E	SE	WSW	SE	SE	88.7	70	68.7	148.4	375.8	0	Ci.	S.-Cu.	8	Ci.	Cu.
23	SE	SE	ESE	E	SE	SE	172.8	172.4	131.9	167.7	644.8	0	Ci.	Cu.-N.	4	Ci.	Cu.
24	SE	ESE	SE	N	E	SE	160.9	112.9	60.2	174.9	508.9	9	------------	S.-Cu.	9	Ci.-S.	Cu.
25	E	NE	ESE	WSW	E	SE	117.7	51.8	60.7	138.7	368.9	0	------------	S.-Cu.	6	------------	Cu.-N. SSE
26	E	ESE	SSE	WSW	E	SE	122.5	56.9	70.6	114.6	364.6	8	Ci.	S.-Cu.	9	Ci.	Cu.
27	NE	N	W	W	S	E	48.1	38.6	37.2	40.7	164.6	0	Ci.	S.	4	Ci.	Cu. SbyE
28	NW	N	W	W	W	E	43.7	43.1	85	38.4	210.2	0	Ci.	Cu.	9	------------	Cu.
29	E	NE	S	W	SW	E	42.4	66.8	66	61.5	236.7	0	------------	Cu.-N.	10	------------	Cu.-N.
30	SE	E	W	W	S	E	66.5	46.5	55.5	72.2	240.7	1	Ci.	S.	10	------------	Cu.-N.
31	E	N	W	ESE	E	E	63.4	85.4	84.3	63.9	247	1	------------	S.-Cu.	10	------------	N.
Mean	------	------	------	------	------	------	110.6	99.5	83.7	111.2	412	4.1	------------	------------	8.4	------------	------------

VIGAN.

[φ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

JANUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.86	61.03	62.28	60.25	60.92	61.62	61.16	21.1	20.5	28	28.5	24.7	21.5	24	29.7	19.8	95	91	63	64	74	87	79	------
2	61	61.88	62.55	60.24	60.44	60.72	61.14	20.2	19	29.1	28.5	24	21.5	23.7	31.3	18.2	93	95	54	65	78	84	78.2	------
3	60.85	61.12	62.29	60.78	61.38	61.95	61.40	21.3	21.5	30.7	29.9	25.4	24	25.5	32	20.2	93	91	49	64	88	89	79	------
4	61.44	61.72	62.79	60.94	62.11	62.44	61.91	24.5	23.5	30	29.2	26	25	26.4	30.5	21	75	79	53	60	78	81	71	------
5	61.74	62.27	62.93	60.43	60.88	61.84	61.68	24.5	23.2	29.5	29	26	24.2	26.1	30.2	22.5	79	83	68	77	76	82	77.5	------
6	61.45	61.81	62.29	60.12	60.43	61.44	61.26	23	23.4	28.5	28.8	25.8	24.8	25.7	29.8	22.2	91	90	70	71	85	87	82.3	------
7	60.85	61.35	62.72	60.52	61.12	61.86	61.40	23.5	23	23.5	25.6	23.5	22	23.5	26.6	20.8	97	99	87	69	79	74	84.2	0.3
8	60.96	61.33	62.25	59.98	60.44	61.26	61.04	21	20.5	25.8	27.2	25.2	21.5	23.5	28.3	19.6	78	77	63	58	70	97	73.8	------
9	60.73	61.31	62.20	59.73	60.61	61.62	61.03	21	20.7	28.5	28.7	26	22.3	24.5	29.3	19.8	91	91	62	68	80	88	80	------
10	61.06	61.48	63	60.96	61.79	62.82	61.85	21.5	21	28.2	28.7	25.7	23.7	24.8	29.3	20.4	92	93	69	66	78	85	80.5	------
11	62	62.61	63.93	61.80	62.19	62.76	62.55	22.4	22.5	28	29	25.4	23	25	30.5	21.4	93	93	70	68	80	91	82.5	------
12	61.65	61.89	63.55	61.59	62.27	63.28	62.37	21.4	19.5	26.8	27.5	24.5	21.7	23.6	28.5	19	89	92	67	66	77	89	80	------
13	62.35	62.56	63.76	62.55	62.93	63.92	63.01	20.3	19	27.7	28	26.2	22.7	24	29.5	18.3	92	95	65	63	73	91	79.8	------
14	63.12	63.07	64.10	61.78	62.13	63.10	62.88	22.5	22	28.7	31	28	26.5	26.4	33.2	21	87	87	54	57	51	53	64.8	------
15	62.80	63.44	64.55	62.34	62.90	64.03	63.34	24	23.1	30	28	26.8	25.2	26.2	32	22.2	64	66	46	69	70	63	63	------
16	63.84	64.16	65.59	63.80	64.19	65.34	64.49	24	23.4	28.8	28.4	24.6	23	25.4	29.4	21.7	66	69	59	66	87	84	71.8	------
17	64.55	64.80	65.26	62.68	63.23	64.37	64.15	22.2	21.7	27.5	28.3	25.8	22.7	24.7	30.2	20.8	84	85	66	69	75	82	76.8	------
18	63.83	64.12	65	63.35	63.54	63.75	63.93	21.7	21.7	28.3	28.4	25.7	24	25	28.8	20	87	89	67	69	80	87	79.8	------
19	62.81	63.05	63.45	61.30	62.33	62.71	62.61	23.3	22.4	28.7	28.5	25.4	22.9	25.2	30	21.3	89	88	64	73	84	92	81.7	------
20	61.85	62.03	62.56	60.19	60.60	61.47	61.45	21.2	20.5	26.5	27.5	24.5	23	23.9	29	19.7	95	97	74	70	85	91	85.3	------
21	61.26	61.65	62.50	60.49	60.88	62.15	61.49	22	22	29.1	28.5	25.5	23.2	25	29.7	21.3	96	95	64	71	85	91	83.7	------
22	62.03	62.67	63.63	61.10	61.59	62.21	62.20	22.9	20.5	28.2	28.2	25.4	23.5	24.8	29	19.8	85	95	70	74	88	94	84.3	------
23	61.32	62.05	63	60.49	60.75	61.82	61.57	22	21.2	27.9	29.1	25.2	22.7	24.7	30.8	20.5	96	95	71	62	82	78	80.7	------
24	60.85	60.96	61.83	59.81	60.44	61.53	60.90	21.2	20.8	27.7	28	27.4	25.7	25.1	29.5	20.1	84	86	62	65	58	61	69.3	------
25	61.34	62.22	63.14	60.47	60.60	61.38	61.52	25.6	23.1	28.3	29.7	26.7	25.5	26.5	30	22.2	61	78	70	59	71	88	71.2	------
26	61.30	62.12	62.78	60.70	61.09	61.51	61.58	22.6	23	29.1	29.5	27	24.8	26	31.2	21.8	93	87	70	71	82	93	82.7	------
27	60.86	61.35	62.59	59.90	60.61	61.49	61.13	23.2	23	27.3	29.2	26.7	23.8	25.5	30.3	22.1	95	93	84	74	83	85	85.7	------
28	60.97	61.17	62.50	60.07	60.29	61.50	61.08	22.4	20.6	28	28.5	26.2	23.5	24.9	30.2	19.8	88	94	69	75	79	89	82.3	------
29	60.45	60.72	62.30	60.35	60.23	61.15	60.87	21.3	20.3	30.4	29	27.5	25.5	25.7	31.2	18.7	93	95	55	64	70	80	76.2	------
30	60.64	60.90	62.27	60.63	61.45	62.28	61.36	23.4	24.5	30	29.2	26.7	25.1	26.5	32.7	23	86	71	57	64	83	88	74.8	------
31	60.92	61.58	62.65	60.78	60.90	61.96	61.46	23.5	23	28.5	29.4	26.5	24	25.8	30.4	21.8	92	87	72	71	84	94	83.3	------
Mean	61.67	62.08	63.10	60.97	61.46	62.30	61.93	22.4	21.7	28.3	28.6	25.8	23.6	25.1	30.1	20.7	87.1	87.9	65	67.2	77.8	84.5	78.2	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	0.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	ENE	N	NW	NNW	NNW	29.6	38.6	111	56.3	235.5	1	------------	Cu.	0	------------	Fr.-Cu.
2	Calm	ENE	E	NW	Calm	W	34.9	42.3	------	------	------	0	------------	------------	0	------------	Cu.
3	Calm	Calm	NNW	NW	NNW	Calm	------	------	------	------	------	0	------------	------------	1	------------	Cu.
4	Calm	ESE	Calm	NW	NNW	NW	------	------	79.7	10	------	0	------------	------------	1	------------	Cu.
5	NNW	NE	NNW	NW	NW	Calm	36.5	44.6	100.1	23.1	204.3	3	Ci.	S.-Cu.	5	------------	Cu. NW
6	NNW	NNE	NNW	NNW	NNW	NNW	33.8	70.5	144.5	69	317.8	1	------------	S.-Cu.	4	Ci.	Cu.
7	NNE	NNE	NNE	NNE	N	NNW	76.9	103.8	166.8	133.1	480.6	10	------------	Cu.-N. NNE	9	A.-Cu. SW	Cu. NNW
8	NNW	NNE	N	WNW	Calm	Calm	105.9	121.5	60.2	10.2	297.8	7	A.-Cu.	S.-Cu. SW	1	Ci.	Fr.-Cu.
9	Calm	NE	Calm	WNW	Calm	Calm	26.8	35.4	68.7	10.5	141.4	2	------------	S.-Cu.	1	Ci.	Fr.-Cu.
10	ENE	E	NNW	NW	NNW	NW	39.9	61	102	56.9	259.8	1	Ci.	S.-Cu.	3	------------	Cu. NW
11	Calm	Calm	NNW	NW	NNW	NNW	24.1	58.2	116.9	65.5	264.7	5	Ci.	S.-Cu. NW	1	------------	Cu.
12	NNW	ENE	NNW	NNW	NNW	NNW	38	45.3	106	44.9	234.2	0	Ci.	------------	1	------------	Cu.
13	NNW	Calm	WNW	WNW	Calm	NNW	32.8	38.8	70.6	34.8	177	0	------------	------------	3	------------	Cu. NW
14	NNW	N	NNE	N	NE	NE	56.5	82.4	90.9	77.5	307.3	0	------------	Fr.-Cu.	3	------------	Cu.
15	NE	Calm	ENE	NW	SW	E	45.9	67.6	69.8	34.6	217.9	1	------------	S.-Cu.	4	A.-Cu. ENE	Cu. NW
16	E	ESE	Calm	NW	N	N	66.3	54.1	104.3	102.2	326.9	2	------------	S.-Cu. NE	4	A.-Cu.	Cu. NW
17	NNW	N	NNW	N	NNW	Calm	106.5	70.3	113.2	28	318	4	Ci.	S.-Cu.	4	Ci.-S.	Cu. NNW
18	Calm	Calm	Calm	NW	Calm	Calm	27.7	32.4	57.4	10.7	128.2	0	------------	------------	4	------------	Cu. NW
19	Calm	ESE	E	WNW	N	N	21.4	50.7	96.6	102.2	270.9	2	Ci. SW	Cu.	3	------------	Cu. NW
20	NNW	NNW	N	NNW	NNW	N	55.3	50.5	142.2	65	313	2	------------	S.-Cu.	3	------------	Cu. NNW
21	Calm	ESE	Calm	NW	NNW	N	18.8	32.5	81.8	48.1	181.2	2	------------	Cu.	1	------------	Cu.
22	NNW	Calm	NNW	NNW	N	NNW	39.6	69.8	156.6	44.9	310.9	1	------------	Cu.	1	------------	Cu.
23	Calm	Calm	NW	NNW	N	N	9.7	41.2	197.9	101.4	350.2	2	------------	Cu.	1	------------	Cu.
24	NNW	Calm	NNW	NNW	E	E	63.1	58.1	111.2	48.9	281.3	1	------------	S.-Cu.	8	A.-Cu. SW	Cu. NW
25	E	Calm	NNW	NNW	Calm	NW	39.9	46.7	89.8	22.7	199.1	4	A.-Cu.	Cu. SW	0	------------	Cu.
26	Calm	Calm	Calm	WNW	NW	Calm	10.2	29.6	78.6	25.4	143.8	10	------------	S.-Cu. SW	5	A.-Cu.	Cu. WNW
27	Calm	Calm	NW	NW	NW	NNW	17.2	34.3	96.4	88.1	186	9	A.-Cu.	S.-Cu. SW	1	------------	Cu.
28	Calm	Calm	NNW	NNW	NNW	NNW	27.6	89.3	161.5	76.7	355.1	1	------------	Cu.	1	------------	Cu.
29	Calm	Calm	SE	WNW	Calm	Calm	5.1	24.7	68.2	3.8	101.8	0	------------	------------	2	A.-Cu.	Cu.
30	Calm	E	E	W	NW	Calm	27.4	68.6	63	7	166	2	A.-Cu.	S.-Cu.	8	A.-Cu.	Cu. WNW
31	Calm	NE	Calm	W	Calm	Calm	21.4	43.1	78.1	41.2	183.8	2	------------	Cu.	5	Ci.	Cu. NW
Mean	------	------	------	------	------	------	39.3	55.4	102.9	48	248.4	2.4	------------	------------	2.8	------------	------------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

FEBRUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.71	61.55	62.99	61.22	61.34	61.70	61.75	23.6	23.4	28.4	29.4	26	24	25.8	30.2	22.3	92	92	68	64	82	84	80.3	------
2	60.62	60.77	61.35	59.60	59.64	60.17	60.36	22.4	21.5	29.7	30.1	26.6	24.4	25.8	30.9	20.8	88	91	60	59	82	85	77.5	------
3	59.25	59.43	60.48	58.64	59.24	60.36	59.57	22.2	21.1	29.2	29.3	27.2	26.3	25.9	31.1	20.3	88	90	60	68	77	82	77.5	------
4	59.57	60.01	60.85	59.33	59.84	60.90	60.08	25.7	23.5	29	29.4	26.5	25.5	26.6	30.3	22.9	83	93	69	70	82	84	80.2	------
5	60.67	60.96	61.80	59.68	60.60	61.45	60.86	23	22	29.6	29.7	26.5	24.9	26	30.9	21.4	92	91	63	68	83	89	81	------
6	60.60	60.86	61.85	59.78	59.98	60.37	60.57	22.9	21.9	29.8	29.2	26.5	24.5	25.8	30.8	21.4	90	92	65	70	80	89	81	------
7	59.38	59.98	61.29	59.35	59.93	60.80	60.12	23.8	23.5	28.3	29.8	27.5	24.4	26.2	31	20.8	87	84	69	63	77	85	77.5	------
8	60.57	61.01	62.06	60.33	60.61	61.60	61.03	23.3	23	29.2	30.2	27	25.6	26.4	30.7	22.4	89	90	72	68	82	87	81.3	------
9	60.86	61.34	62.38	60.35	60.38	60.86	61.03	24.5	23.9	29.3	30.1	27	24.9	26.6	30.3	22.6	91	92	68	70	84	94	83.2	------
10	60.60	60.62	61.49	59.44	59.50	60.03	60.28	24.3	23.8	28.9	28.9	27	25.1	26.3	30.5	22.4	92	90	69	74	81	91	82.8	------
11	59.59	59.72	60.76	59.13	59.40	60.30	59.82	23.2	24.7	28.4	29.7	26.7	24.7	26.2	30.5	22.7	93	82	75	69	83	92	82.3	------
12	59.94	60.22	61.41	60.09	59.76	60.45	60.31	23.6	23.2	28.2	29.2	26.3	24.5	25.8	30.3	22.1	90	90	73	67	79	83	80.3	------
13	60.08	59.99	61.66	59.23	58.95	59.74	59.94	23.5	21.6	29.5	29.8	28.8	26.2	26.6	31.3	20.4	82	93	64	63	69	77	74.7	------
14	59.61	60.35	62.24	60.27	60.90	61.86	60.87	27	25.1	29.6	29.4	27.6	26.5	27.5	30.6	24.3	65	80	67	74	77	90	75.5	------
15	61.90	62.34	63.93	61.97	61.69	62.20	62.34	26.3	24.7	29.3	28.8	26.3	25.3	26.8	30.2	23.6	76	83	68	72	82	91	78.7	------
16	61.47	61.96	63.43	61.13	61.26	61.79	61.84	22.6	24.7	28	30	26.7	24.2	26	30.6	22	94	75	66	59	73	88	75.8	------
17	61.20	61.82	63.04	60.93	60.84	61.25	61.51	23.5	23.8	28.9	28.8	26	24.2	25.9	30.5	22.2	88	84	67	68	78	86	78.5	------
18	60.72	60.88	62.30	60.85	61.19	62.82	61.46	22.5	21.7	29.5	29.9	26.7	24.4	25.8	30.7	20.3	89	89	58	60	79	88	77.2	------
19	62.18	62.43	64.01	62.33	62.26	62.80	62.67	22.3	21.6	24.8	26.2	24.2	22.9	23.7	27.7	20.7	92	92	80	67	78	81	81.7	------
20	61.42	61.45	62.95	60.90	61.59	62.52	61.80	20.5	20.2	27.5	26.8	25	23.5	23.9	28.8	19.2	91	89	57	71	76	80	77.3	------
21	61.48	61.47	62.71	60.73	60.94	61.46	61.46	21	20.7	28.2	29.4	28	25.5	25.5	30.1	19.5	95	94	66	61	62	77	75.8	------
22	60.89	61.50	62.38	61.21	61.18	62.18	61.56	23.2	22.5	29	27.7	27.2	26.2	26	30	22.1	84	87	66	76	75	82	78.3	------
23	61.58	61.70	63.07	61.13	61.29	62.38	61.86	25	23.6	29.4	29.3	27.2	24.7	26.5	31.5	23.1	89	91	62	71	87	92	82	------
24	61.57	61.66	62.48	60.39	60.53	61.25	61.31	22.6	22.5	30.2	31	27.5	26	26.6	32.1	21.4	97	96	59	62	81	86	80.2	------
25	61.08	61.79	62.45	60.37	60.68	61.45	61.30	26.1	24.4	31.2	30.6	27.6	24	27.3	32.5	22.8	70	75	52	62	70	86	69.2	------
26	61.20	61.52	62.60	60.65	60.54	61.06	61.26	21.8	23	30.5	29.8	26.8	24	26	31.5	21.4	87	74	50	58	80	87	72.7	------
27	60.60	61.30	62.69	60.48	60.45	61.98	61.25	22.6	22.5	28.8	29.6	26.7	25.8	26	31	20.9	85	75	60	62	80	82	74	------
28	61.81	62.11	63.25	60.23	59.72	61.27	61.40	23.5	21.6	28.4	29.3	26.5	24.4	25.6	31.3	20.9	83	83	55	55	70	69	69.2	------
Mean	60.79	61.10	62.28	60.35	60.51	61.32	61.06	23.4	22.8	29	29.3	26.8	24.9	26	30.6	21.7	87.2	87	64.6	66.1	78.2	85.2	78.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	0

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.			
												Amount.	Form and direction.		Amount.	Form and direction.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.	
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*			
1	Calm	Calm	Calm	NW	NNW	Calm	20.1	28.2	94.3	28.7	171.3	6	Ci.-S.	Cu. S	3	Ci.	Cu.	
2	Calm	Calm	Calm	WSW	Calm	Calm	32.2	36.5	58.4	18	145.1	2	Ci.	------	3	Ci.	Cu.	
3	Calm	Calm	Calm	SW	Calm	Calm	26.4	52.9	79.7	19.9	178.9	3	Ci.	S.-Cu.	2	------	Cu.	
4	Calm	Calm	Calm	WNW	NWbyN	Calm	31.7	50.7	104.3	35.6	222.3	3	Ci.	Cu.	3	Ci.	Cu.	
5	Calm	Calm	Calm	W	Calm	Calm	30.6	27.9	79.5	9.4	147.4	2	------	S.-Cu.	1	------	Cu.	
6	Calm	Calm	Calm	WNW	Calm	Calm	21.2	34.6	71.1	1.1	128	2	------	Cu.	7	A.-Cu.	Cu.-N. W	
7	Calm	W	S	SW	Calm	Calm	28.2	62	57.1	5.6	152.9	3	A.-Cu.	------	1	------	Cu.	
8	NW	Calm	Calm	W	Calm	Calm	24.7	34.6	71.8	34.6	165.7	1	------	Cu.	2	------	Cu.	
9	NW	Calm	Calm	NW	Calm	Calm	33.2	38	87.2	10.3	168.7	4	Ci.	Fr.-Cu. NNE	3	Ci.	Cu. N	
10	Calm	EbyS	Calm	WbyN	NW	Calm	25.4	46.5	87.4	35.2	194.5	1	------	Cu.	3	------	Fr.-Cu. WNW	
11	Calm	Calm	Calm	NNW	N	Calm	18	43.3	134.2	77.7	273.2	8	Ci.-S.	S.-Cu. NE	1	------	Cu.	
12	Calm	Calm	NW	NW	NNW	NW	17.5	49.3	156.9	61.8	285.5	5	A.-Cu. ESE	S.-Cu.	3	Ci.-S.	Cu.	
13	Calm	Calm	WNW	NW	Calm	Calm	17.2	35.6	78.3	7	138.1	4	A.-Cu.	Cu. N	1	------	Cu.	
14	NNE	Calm	NW	NW	Calm	Calm	40.7	46.4	102.2	23.9	213.2	7	A.-Cu. N	Cu.	2	------	Cu.	
15	Calm	Calm	Calm	WNW	WNW	Calm	35.4	45.7	112.1	20.9	214.1	3	A.-Cu.	Cu.	3	------	Cu. N	
16	Calm	E	SW	SW	Calm	Calm	35.1	66.2	78.3	20.3	199.9	4	A.-Cu.	Cu. SE	1	------	Cu.	
17	Calm	ESE	SSE	NW	N	Calm	26.9	58.1	107.2	62.2	254.4	7	Ci.	Cu. SE	4	------	Cu. W	
18	Calm	Calm	Calm	W	Calm	Calm	12.1	30.8	73.7	11.3	127.9	1	------	S.-Cu.	2	------	Cu.	
19	Calm	Calm	Calm	NW	N	N	17.1	47.2	99.3	52.1	215.7	5	A.-Cu. NE	Cu.	9	Ci.-S.	Cu.-N. N	
20	Calm	Calm	N	NNW	N	N	36.2	58.7	196.3	82.9	374.1	2	------	S.-Cu.	1	------	Cu.	
21	Calm	Calm	Calm	W	Calm	Calm	2.6	29.6	69.2	7.7	109.1	1	A.-Cu.	------	1	------	Cu.	
22	Calm	Calm	SSW	W	Calm	Calm	16.4	64.2	73	4.8	158.4	1	------	Cu.	7	Ci.-S.	Cu. WNW	
23	Calm	Calm	NW	W	Calm	Calm	4.6	38.1	77	4	123.7	3	A.-Cu.	Cu.	4	Ci.	Fr.-Cu. NW	
24	Calm	Calm	Calm	N	Calm	Calm	25.4	43.3	110	13.1	191.8	3	Ci.	Fr.-Cu.	3	Ci.	Cu.	
25	SW	Calm	Calm	W	Calm	Calm	58.7	41.6	69.2	35.7	205.2	3	------	Fr.-Cu.	1	------	Cu.	
26	Calm	ESE	Calm	NW	NW	Calm	31.7	65	84.7	17.7	199.1	2	A.-Cu.	------	2	------	Cu.	
27	Calm	Calm	Calm	NW	NNW	N	25.9	37.6	104.6	63.8	231.9	3	Ci.	Cu.	2	------	Cu.	
28	N	Calm	N	N	N	Calm	75	83.9	143.5	15.6	318	2	Ci.	Cu.	2	------	Cu.	
Mean	------	------	------	------	------	------	27.5	46.3	95	27.9	196.7	3.2	------	------	2.8	------	------	
Total	------	------	------	------	------	------	------	------	------	------	5,508.1	------	------	------	------	------	------	

VIGAN.

[φ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

MARCH, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1	61.10	61.24	62.98	60.95	60.95	62.30	61.59	25.8	24.4	28.5	29	26.2	24.4	26.4	30.1	22.9	59	67	57	60	71	76	65	------
2	62.02	62.37	63.74	61.35	60.86	61.76	62.02	23.2	21.8	29	29	25.9	24.6	25.6	30.6	21.2	80	80	58	60	81	83	73.7	------
3	61.13	62	63.16	61.34	61.34	62.53	61.92	26	24	28.5	29.8	27.5	26	27	30.5	23	65	81	64	60	66	79	69.2	------
4	62.45	62.80	63.87	62.23	62.43	63.16	62.82	23.6	22.9	30.4	30	27.2	24.9	26.5	31.6	22.2	88	83	61	59	71	81	73.8	------
5	62.39	63	63.53	61.48	61.13	61.90	62.24	23.8	22.2	30.2	29.4	27.8	25.7	26.5	31.5	21.7	85	88	49	65	73	86	74.3	------
6	61.28	61.83	62.48	60.39	60.77	61.79	61.42	25.2	25	29.8	30.2	27.7	25.1	27.2	31.2	23.5	85	87	62	55	76	83	74.7	------
7	61.09	61.14	62.99	60.89	60.65	62.35	61.52	23.7	23.5	28.7	30	27.8	24.4	26.4	31.4	23	82	80	63	62	69	82	73	------
8	62.10	62.45	63.67	61.62	61.15	62.40	62.23	23.8	23.2	29.6	29.9	27	27.1	26.8	31.7	21.6	80	81	56	59	74	65	69.2	------
9	62	62.31	63	60.97	61.48	63.60	62.23	25.3	25.5	30.3	30.4	27.5	26.4	27.6	30.8	23.6	75	66	51	63	72	83	68.3	------
10	62.68	62.92	64.34	62.28	62.03	63.70	62.99	25.2	24	29.3	30.2	27.5	24.5	26.8	31.3	23.2	87	83	66	64	70	76	74.3	------
11	62.07	62.32	63.13	60.35	59.80	60.70	61.40	22.8	22.2	30.4	30.9	28	26.8	26.8	31.4	20.7	77	77	52	50	68	71	65.8	------
12	59.75	59.90	61.20	58.88	58.56	60.15	59.74	26.6	25	29.1	30.7	27.4	25.7	27.4	31.5	24.5	72	76	73	53	76	85	72.5	------
13	59.90	60.48	61.38	60.19	60.02	61.63	60.60	25.1	25	29	29.7	27.5	25.5	27	30.8	24.2	84	83	64	64	73	80	74.7	------
14	61	61.17	62.30	60.08	60.55	62.05	61.19	24.8	24.4	29	29.8	26.7	26.6	26.9	30.3	23.5	82	82	67	62	78	61	72	------
15	61.60	61.68	62.97	60.47	60.72	61.93	61.56	23.5	26.1	30.6	30.4	28.6	27.7	27.8	34.1	22.9	74	55	45	58	69	55	59.3	------
16	61.21	61.09	62.53	60.43	60.15	61.84	61.21	26.9	25.4	31.3	29.7	27.1	25.1	27.6	32.1	24.7	58	62	48	64	79	88	66.5	------
17	61.10	61.40	62.74	61.04	61.03	62.20	61.58	24	23.5	25.3	28.2	25.3	23.4	25	29.7	22.1	91	87	89	72	85	90	85.7	5.3
18	61.56	61.68	62.75	61.23	61.46	62.50	61.86	21.9	20.9	28	29.1	25.9	25.1	25.2	29.6	20	87	87	63	60	77	66	73.3	------
19	62.10	62.58	64.11	62.23	62.21	63.50	62.79	22.8	22.5	26.8	27.7	25.2	23.4	24.7	28.6	21.7	78	78	74	70	79	90	78.2	------
20	62.22	62.25	63.13	61.03	60.58	61.66	61.81	21.4	21.9	29.1	28.6	26.1	24.7	25.3	30.4	19.7	94	79	59	65	76	78	75.2	------
21	60.40	60.45	61.98	60.70	60.21	61.38	60.85	25.2	24.7	28	29.1	27.8	25	26.6	29.9	24.2	73	74	70	70	75	83	74.2	------
22	59.95	60.01	61.32	59.92	60.18	61.30	60.45	24.4	23.7	30.2	29.8	27.5	25.6	26.9	32	23.3	82	85	58	66	78	90	76.5	------
23	60.80	60.88	62.40	60.60	60.79	62.45	61.32	25.2	24.3	29.6	30.1	27	25.8	27	31	23.8	86	91	65	64	80	91	79.5	------
24	61.42	61.97	63.12	61.24	61.40	62.46	61.94	24.4	24	30.5	30	27	25.2	26.8	31.3	23.4	92	91	70	73	85	93	84	------
25	61.31	61.74	62.25	60.43	60.06	61.02	61.14	22.9	22.4	29	27.6	25.3	24	25.2	29.4	21.8	95	94	71	78	87	89	85.7	------
26	59.88	60.24	61.59	59.58	59.86	61.31	60.41	22.7	22.3	28.4	31.6	27.4	24.3	26.1	31.8	21.5	92	90	68	57	71	92	78.3	------
27	60.64	60.77	61.71	59.94	60	61.28	60.72	22.9	21.9	28.3	29.8	28	27.3	26.4	30.7	21.3	95	96	64	54	68	54	71.8	------
28	60.60	60.67	62.40	60.25	60.49	62.30	61.12	26.4	24.9	30	29	26.9	26.2	27.2	31	24.3	55	61	51	64	78	82	65.2	------
29	61.19	61.25	62.65	61.13	61.54	62.38	61.69	25.3	24.2	31	30.1	25.7	24.7	26.8	32.2	23.7	81	83	57	65	81	82	74.8	------
30	61.10	61.31	62.38	60.74	60.69	61.69	61.32	22.6	22.4	29.5	30.3	27.5	26.2	26.4	31	21.6	91	88	61	63	70	79	75.3	------
31	60.43	60.44	61.58	59.88	60.31	61.59	60.70	25.6	25	30.8	31.3	27.5	26.1	27.7	32.6	24.5	81	84	60	63	84	91	77.2	------
Mean	61.24	61.49	62.69	60.77	60.75	62.03	61.50	24.3	23.7	29.3	29.7	27	25.4	26.6	31	22.7	80.8	80.6	61.8	62.6	75.5	80.1	73.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	5.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	E	NW	NW	NW	N	72.6	70.8	88.8	18	250.2	3	Ci.	Cu.	1	------	Cu.
2	NE	ESE	NW	NNW	N	WNW	26.9	51.3	150.2	42.1	270.5	3	Ci.	Cu.	2	------	Cu.
3	E	Calm	SW	WSW	NW	Calm	30.3	56.5	70	20.6	177.4	5	Ci.	Cu. S	3	Ci.	Cu.
4	Calm	Calm	Calm	WNW	NW	NW	2.6	30.6	87.1	20.3	140.6	5	Ci.	Fr.-Cu. NE	3	Ci.	Cu.
5	N	NE	Calm	NW	NW	Calm	21.9	44.6	102.8	16.6	185.9	3	Ci.	Cu. ENE	1	------	Cu.
6	W	S	SW	SW	W	Calm	34.4	61.8	73.2	7.8	177.2	4	A.-Cu.	Cu. SSW	1	------	Cu.
7	ENE	E	WSW	W	NW	NW	26.2	35.6	81.9	30.4	174.1	2	------	S.-Cu.	2	------	Cu.
8	N	Calm	N	N	N	E	22.3	64.4	198.7	43.1	328.5	1	A.-Cu.	------	1	------	Cu.
9	E	S	NW	W	NNW	NNW	28.2	43.3	93	37.3	201.8	2	Ci.-S.	Cu.	2	Ci.-S.	Cu.
10	Calm	NNW	NW	WNW	NNW	NNW	5.1	38.8	105.4	54.5	203.8	5	Ci.-S.	Cu. SE	1	------	Cu.
11	N	N	Calm	NW	NW	NW	42.4	33.3	86.9	24.3	186.9	3	Ci.	S.-Cu.	2	------	Cu.
12	W	SSW	SW	SW	W	Calm	36.4	79.1	88.2	6.6	210.3	4	A.-Cu.	Cu. SW	1	------	Cu.
13	E	SSE	S	WSW	W	Calm	19	65.7	80.3	4.6	169.6	8	Ci.-S.	Cu.-N. S	7	Ci.-S.	Cu. SSW
14	Calm	SE	NW	NW	NNW	N	16.9	70.8	115.1	57.9	260.7	3	Ci.-S.	S.-Cu.	5	A.-Cu. NW	Cu.
15	ENE	NE	E	NW	Calm	ENE	39.2	106.7	89.3	54.4	289.6	4	A.-Cu.	Cu. E	1	------	Fr.-Cu.
16	E	ENE	ENE	W	WNW	W	63.3	68.1	80.5	26.6	238.5	2	Ci.	S.-Cu.	1	------	Cu.
17	Calm	E	W	NW	N	N	11.5	37.3	144.3	123.9	317	3	Ci.	Cu.	5	Ci.-S.	Cu.-N. N
18	N	N	NNW	N	NNW	E	75.1	64.9	120.4	60	320.4	1	Ci.	------	2	Ci.	Cu.
19	E	E	NW	NW	NNW	Calm	28.5	47.5	101.1	32.7	209.8	3	Ci.-Cu.	S.-Cu.	4	Ci.	Cu. S
20	Calm	E	W	W	NNW	Calm	10.7	45.4	81.6	17.9	155.6	2	Ci.	Cu.	2	Ci.	Cu.
21	E	SE	SSW	W	NW	Calm	48.6	57.3	72.7	4.8	183.4	3	Ci.	Cu. SSE	6	A.-Cu.	Cu.-N. SW
22	Calm	ESE	SW	W	NNW	Calm	10.7	32.5	75.9	25.5	144.6	8	Ci.-S.	Cu.-N. S	1	------	Cu.
23	Calm	Calm	NW	NW	NW	N	1	36.2	130	89.8	257	4	A.-Cu.	S.-Cu. SW	3	Ci.	Cu.
24	N	Calm	NW	NW	N	NNW	33.8	33.5	134.6	63.4	265.3	4	Ci.	S.-Cu. SW	2	Ci.	Cu.
25	N	N	N	NNW	N	N	55	137.8	212.9	103.6	509.3	3	Ci.	Cu.	3	A.-Cu.	Cu.
26	NNW	Calm	NW	WNW	NNW	ENE	21.4	30	74.5?	28	153.9	6	A.-Cu. SW	S.-Cu.	2	------	Cu.
27	Calm	Calm	WNW	NW	WNW	ENE	9.1	49.4	83.7	51.5	193.7	4	Ci.	S.-Cu.	3	Ci.-S.	Cu.
28	ESE	E	E	WNW	NW	NNW	83.1	59.7	82.6	63.8	289.2	5	A.-Cu.	Cu. SE	9	Ci.-S.	cu.-N.SSW
29	N	N	SSW	WNW	NNW	N	44	43.7	136	111.8	335.5	3	Ci.	S.-Cu.	2	Ci.	Cu.
30	Calm	Calm	SSW	W	N	NW	10.7	58.5	78.4	26	173.6	3	Ci.-S.	S.-Cu.	7	A.-Cu. SW	Cu.
31	ENE	E	SW	WSW	NNW	Calm	26.4	54.9	82.3	19.5	183.1	4	A.-Cu. S	S.-Cu.	4	Ci.-S.	Cu.
Mean	------	------	------	------	------	------	30.9	55.2	103.3	41.5	230.9	3.6	------	------	2.9	------	------
Total	------	------	------	------	------	------	------	------	------	------	7,157	------	------	------	------	------	------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

APRIL, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.93	59.97	60.69	58.83	58.48	59.62	59.59	24.9	23.5	30	30.7	27.6	25.5	27	32.7	22	91	85	65	67	80	90	79.7	------
2	58.62	58.78	59.85	58.43	59.18	60.12	59.16	24.2	24.4	31.6	31.7	28.7	27.9	28.1	33.1	23.4	91	85	54	65	81	82	76.3	------
3	59	59.21	60.98	59.11	59.25	60.79	59.72	26.2	25.2	31.3	30.9	29.7	27.7	28.5	33	24.5	88	87	61	69	73	84	77	------
4	59.41	59.45	60.74	59.15	60.03	61.23	60	26.6	26.3	31.5	32.4	29.3	27.6	29	33.3	25.9	82	79	61	62	76	87	74.5	------
5	60.35	60.45	61.54	59.99	60.22	61.15	60.62	25.6	25	31.3	31.5	29.7	26.8	28.3	33.5	24.3	85	88	66	66	76	90	78.5	------
6	60.70	60.90	61.93	59.86	59.95	61.18	60.75	25.8	25.7	32.4	32.2	29.2	27.3	28.8	34	24.2	90	84	58	61	78	90	76.8	------
7	60.85	61.50	62.72	61.89	62	62.10	61.84	27	26	30.1	29.9	27.5	25.3	27.6	31.7	23.6	87	88	69	67	77	83	78.5	------
8	60.92	61.11	61.99	59.81	59.56	61.45	60.81	23.4	22.2	31	30.9	28	26.4	27	32.6	21.1	85	86	59	64	71	78	73.8	------
9	60.31	61.21	62.41	60.61	60.73	61.23	61.08	26	25.7	31.9	30.7	28.4	26.2	28.2	32.7	25	74	75	54	67	75	86	71.8	------
10	61	61.43	62.18	59.52	59.67	60.33	60.69	24.7	25.2	31	31.4	28.8	27.5	28.1	32.3	24.2	83	78	64	65	76	81	74.5	------
11	59.70	59.76	60.63	58.74	59.34	60.64	59.80	27.1	26.7	31.3	31.7	29.6	26.4	28.8	32.8	25.6	82	84	69	66	71	86	76.3	------
12	60.13	60.15	60.99	59.39	59.60	61.23	60.25	26	26.2	32.5	31.7	28.5	26.5	28.6	34.2	24.9	82	79	58	70	84	92	77.5	------
13	61.09	61.33	62.28	60.57	60.84	61.59	61.28	25.9	25.8	32.2	31.2	28.6	27.2	28.5	33.3	25.1	89	78	57	71	84	90	78.2	------
14	60.50	60.69	62.01	60.08	59.87	60.62	60.63	26.5	25.9	31.2	31.2	29.5	27.4	28.6	32.9	25	91	88	69	69	71	85	78.8	------
15	59.80	59.90	60.94	58.77	59.10	60.23	59.79	26.2	25.5	30.8	31.6	29.8	27	28.5	33.1	25	85	83	70	60	67	79	74	------
16	59.27	59.30	60.83	58.44	58.05	59.28	59.20	25.6	24.8	30.4	31.2	29	27.2	28	32.5	24.2	84	85	72	75	86	90	82	------
17	58.28	58.46	59	56.88	57.52	58.83	58.16	26.6	26.7	31.6	31.6	29.4	28.3	29	33.1	26	90	87	72	62	79	85	79.2	------
18	57.91	58.26	59.29	57.91	58.43	59.55	58.56	27.5	26.7	32.3	31.8	28.8	26.5	28.9	33.8	25	87	88	64	65	76	89	78.2	8.6
19	58.87	59.47	60.43	59.25	59.55	60.63	59.70	26.5	25.8	31.6	29.8	29	27.5	28.4	32.8	25.1	90	92	62	73	78	82	79.5	------
20	59.90	60.38	61.43	59.36	59.74	60.63	60.24	25.9	25.3	31.1	32.8	29.5	27.9	28.8	33.3	24.7	86	88	60	59	76	84	75.5	------
21	59.65	60.78	60.93	59.01	59.23	60.75	60.06	27.9	27.2	31.9	32.4	29.7	26.8	29.3	33.7	26	68	76	58	58	67	92	69.8	6.9
22	59.50	60.19	60.68	59.28	59.05	60.69	59.90	27.2	27.1	33.3	31.8	29.5	28.2	29.5	35.4	26	84	72	38	59	73	83	68.2	------
23	59.58	60.03	61.08	59.88	59.82	61.22	60.27	27.4	27.3	33.8	31.9	30.9	29	30	35.6	26.1	63	62	38	55	59	51	54.7	------
24	60.63	61.02	61.44	59.01	59.10	60.97	60.36	27.9	27.9	33.9	32.8	29.9	29.4	30.3	34.5	26.7	50	54	49	62	77	59	58.5	------
25	59.75	60.48	60.52	58.94	58.69	59.84	59.70	28.8	28.6	34	30.5	29.5	28.5	30	35.4	26	57	60	56	72	75	62	63.7	------
26	59.08	59.51	60.18	58.55	58.56	59.33	59.20	27.9	28	32.4	31.9	30.2	28.2	29.8	34.3	26.2	64	70	68	61	67	80	68.3	------
27	58.35	59.13	60.01	57.87	58.40	59.75	58.92	27.1	27	31.5	32.5	29.4	27.8	29.2	33.5	26.4	76	74	63	55	72	83	70.5	------
28	58.74	59	59.98	58.57	58.83	59.69	59.14	27.4	27	31.4	31.5	29.2	28	29.1	33.2	26	84	80	63	79	74	84	77.3	------
29	58.29	58.95	59.53	57.86	58.22	58.92	58.63	27.5	27.9	32.1	32.4	29	28	29.5	33.8	26.3	84	81	67	73	81	85	78.5	------
30	58.16	58.40	59.12	57.33	57.93	59.14	58.35	27	28	30.9	32.1	29.8	28.1	29.3	34	26.5	89	85	70	69	77	73	77.2	------
Mean	59.61	59.97	60.88	59.10	59.30	60.42	59.88	26.5	26.2	31.7	31.6	29.2	27.4	28.8	33.5	25	81.4	80	61.1	65.5	75.2	82.2	74.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	15.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Mid-night.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	NW	WNW	N	N	5.8	52.8	78.9	28.5	146	4	Ci.	S.-Cu.	7	A.-Cu. W	Cu.
2	Calm	Calm	SSW	SW	WNW	Calm	5.4	51.3	74	5.9	136.6	3	Ci.	S.-Cu.	3	Ci.	Cu.
3	Calm	Calm	SW	WSW	W	Calm	14.7	39.9	66.3	8.3	129.2	4	A.-Cu. W	S.-Cu.	3	Ci.	Cu.
4	Calm	W	SSW	SW	W	Calm	7.4	55.7	67.8	3.2	134.1	3	Ci.	S.-Cu.	2	Ci.-S.	Cu.
5	Calm	Calm	SSW	NW	NW	NNW	10	32	83.9	40.8	166.7	2	Ci.	Cu.	3	Ci.	Cu.
6	Calm	ESE	SW	W	NW	Calm	24.9	55.3	70.5	5.4	156.1	4	Ci.-S.	S.-Cu.	2	Ci.	Cu.
7	Calm	Calm	NW	NNW	N	N	3.2	58.5	149.1	62.6	273.4	6	Ci.	Cu. SW	4	Ci.	Cu. N
8	NNW	Calm	NW	W	NNW	Calm	26.4	46.9	87.5	17.2	178	1	------------	S.-Cu.	1	------------	Fr.-Cu.
9	Calm	ESE	W	WNW	NW	N	26.9	62.6	103.8	-----	-------	1	------------	S.-Cu.	2	------------	Cu.
10	E	SE	W	NW	N	Calm	-----	-----	113.3	64.6	-------	1	------------	Cu.	2	Ci.	Cu.
11	SW	Calm	NW	W	NW	Calm	32.2	39.2	74.3	26.8	172.5	4	A.-Cu.	Cu. SW	3	Ci.	Cu.
12	Calm	SE	SSW	WNW	NW	N	16.7	73.7	105.9	28.4	224.7	4	Ci.	S.-Cu.	4	Ci.	Fr.-Cu. NNW
13	Calm	ESE	SW	NW	NNW	Calm	30.8	70.3	102	17.7	220.8	1	------------	Cu.	3	Ci.	Fr.-Cu. N
14	Calm	Calm	W	NW	Calm	Calm	1.6	61.7	80.2	10.8	154.3	5	Ci.	Cu. S	4	A.-Cu.	Cu. W
15	Calm	ENE	NNW	WSW	Calm	Calm	27.2	64.7	70.6	4.6	167.1	3	Ci.	Cu.	2	Ci.	Cu.
16	Calm	NNE	NNW	NW	NW	Calm	8.7	59.2	68.4	31.7	168	2	Ci.	Cu.	7	Ci.	Fr.-Cu. N
17	Calm	Calm	NW	NW	WNW	Calm	1.9	46.1	-----	-----	-------	5	A.-Cu. N	S.-Cu.	1	------------	Cu.
18	Calm	Calm	Calm	NNW	NE	NW	-----	48.9	-----	27.4	-------	6	------------	S.-Cu.	3	Ci.-S.	Cu.-N.
19	Calm	Calm	SW	WNW	NNW	N	12.3	41	-----	-----	-------	8	A.-Cu.	S.-Cu.	6	Ci.-S. SSW	Cu.-N.
20	Calm	ENE	SW	WNW	NNW	Calm	-----	-----	85.6	17.2	-------	0	------------	Cu.	2	Ci.-S. SE	Cu. E
21	SE	ESE	WNW	NW	NW	Calm	41	62.6?	134.7	19.3	257.6	1	------------	Cu.	2	------------	Cu.-N. ESE
22	SE	ESE	SE	WNW	NW	Calm	42.8	61.5	101.9	12.1	218.3	0	------------	Cu.	2	Ci.-S. N	Cu.-N. ESE
23	Calm	NE	ENE	NNW	Calm	NE	36.7	73.4	109.7	43	262.8	0	------------	Cu.	2	------------	Cu.-N.
24	NE	Calm	ESE	WNW	SSW	Calm	86.3	78.4	114	47.5	326.2	0	------------	S.-Cu.	2	------------	Fr.-Cu. ESE
25	NNE	Calm	ESE	SW	WSW	Calm	48.3	75.1	80.2	20.4	224	1	------------	Cu.	8	------------	Fr.-N. ESE
26	Calm	ESE	NNW	WNW	Calm	Calm	47.7	60	97.7	6.1	211.5	0	Ci.-S.	Cu.	2	Ci.-S. N	Cu.N. ESE
27	Calm	Calm	SSW	WNW	NNW	NNW	16.3	83.9	94.4	42.8	237.4	2	Ci.-S. E	S.-Cu.	2	Ci.-S.	Cu.
28	Calm	Calm	SSW	WSW	NW	Calm	7.2	67.9	99.3	13.1	187.5	2	Ci.	Cu.	8	Ci.-S. W	Fr.-Cu. NW
29	SW	SSE	SSW	WSW	NW	Calm	30.3	97.2	79.7	27.4	234.6	2	Ci.	Cu.	2	Ci.	Cu.
30	Calm	SSE	SW	WSW	Calm	E	32	89.1	84.5	17.4	223	2	Ci.	Cu.	2	Ci.	Cu.
Mean	------	------	------	------	------	------	23.9	60.3	91.8	24.1	200.4	2.6	------------	------------	3.2	------------	------------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

MAY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.06	58.30	59.08	57.33	57.37	58.92	58.18	27.3	27.5	32.2	32.8	29.9	27.6	29.6	33.8	26	78	76	56	63	73	81	71.2	------
2	57.68	58.16	58.52	57.08	57.34	59.19	58	27.1	26.7	32.2	31.5	29.1	27.7	29	33.5	25	83	81	53	60	73	80	71.7	------
3	57.55	57.32	58.06	56.50	57.10	58.71	57.54	25.9	25.8	32.4	32.8	29.8	28.7	29.2	33.5	24	84	82	58	73	79	75	75.2	0.3
4	57.39	56.80	57.55	56.13	56.55	57.99	57.07	25.6	26.4	29.8	32.8	29.8	26.2	28.4	33.2	24.5	91	89	69	61	73	89	78.7	5.6
5	57.12	57.21	58.40	57.06	57.05	58.44	57.55	24.8	25.6	30.6	31.3	29.8	28	28.4	32.3	23.5	93	92	65	64	72	80	77.7	------
6	57.21	57.57	58.47	56.95	57.69	58.51	57.73	26.5	26	32.7	32.1	29.1	27.8	29	34.4	25	86	76	52	59	62	72	67.8	------
7	57.17	57.53	58.54	56.54	58.30	57.77	57.64	26.6	25.8	30.8	31	27.9	27.8	28.3	33	24.4	77	81	67	69	67	65	71	------
8	56.37	57.65	58.33	56.85	57.07	57.83	57.35	26	25.5	30.6	33.2	29.9	27.8	28.8	33.9	24	76	81	64	52	72	79	70.7	------
9	56.78	57.59	58.36	56.86	57.12	57.88	57.43	27.2	27	31.4	33	29.9	28	29.4	33.5	25.9	65	72	62	60	72	83	69	------
10	57.29	57.57	58.01	56.47	56.39	57.43	57.19	27	26.8	31.6	32.6	30.5	28.2	29.4	33.7	25.5	78	85	61	55	70	80	71.5	------
11	57.10	57.34	58.36	56.86	57.21	58.98	57.64	27	28	31.8	32.9	30.7	28.9	29.9	34.2	26.1	80	80	63	58	70	78	71.5	70.4
12	57.85	58.02	58.87	56.77	57.18	58.52	57.87	28	26.3	32	33	30.1	27.4	29.5	34.7	25.2	80	87	66	54	68	80	72.5	------
13	58.17	57.99	58.41	56.44	56.38	57.73	57.52	26	27	32.6	33.1	30.8	29.4	29.8	35.2	24.5	80	83	54	55	70	79	70.2	------
14	56.98	56.83	57.37	55.91	56.67	59.70	57.24	28.3	28.5	32.3	32.4	30.4	23.3	29.2	34.5	22.2	82	78	62	62	72	100	76	35.4
15	57.46	57.15	58.10	57.17	57.30	58.80	57.66	23.6	25	30.1	26.8	25.8	25.2	26.1	32.5	22.9	97	86	62	80	93	94	85.3	20.8
16	57.21	57.17	58.14	56.89	56.54	58.38	57.39	25.3	25.5	29.4	30	28.9	26.8	27.6	32.4	24.2	88	88	72	77	74	90	81.5	1.3
17	57.16	57.24	58.60	56.99	56.89	58.75	57.60	26.5	26.8	30.5	31.4	29.8	27.8	28.8	33.1	26	94	82	71	67	75	89	79.7	------
18	57.38	57.95	58.68	57.53	58.39	59.72	58.28	27	28.2	31.4	31.5	27.6	27.8	28.9	33.5	25.8	84	80	63	70	91	80	78	4.7
19	58.40	58.96	59.43	58.12	58.20	59.10	58.70	26.8	26.3	30.2	31.5	28.8	28.4	28.7	32.7	25.5	86	86	68	65	76	78	76.5	.5
20	57.56	58	58.09	56.78	57.34	57.60	57.56	28	27.2	31.7	31.2	28.8	28.2	29.2	32.8	26.2	77	84	63	64	79	80	74.5	------
21	56.20	56.60	57.16	56.19	56.90	57.64	56.78	27.3	27.5	31.3	30.8	28.3	26.6	28.6	33.3	25.1	82	81	60	71	80	83	76.2	4.2
22	56.50	56.67	57.13	55.96	56.75	58.20	56.87	26.4	26.7	31.1	32.8	28.4	28.1	28.9	33.6	25.6	85	85	64	60	77	81	75.3	------
23	56.41	56.90	57.03	55.67	56.71	58.52	56.87	26.4	27.3	31.3	32.2	27.3	25.3	28.3	33	23.7	85	84	63	68	94	89	80.5	36.6
24	57.27	57.68	58.40	57.05	57.61	59.06	57.84	25.4	26.4	29.6	30	27.2	25.2	27.3	32.1	24.3	87	89	72	75	90	97	85	20.2
25	57.96	58.02	59.05	57.54	58.25	60.26	58.51	25	27.2	30.6	30.8	25.5	26.3	27.6	32.1	23.9	97	90	70	73	93	93	86	9.8
26	58.20	58.27	58.47	57.30	57.68	59.79	58.28	25.1	27	31	32.3	29.4	26.1	28.5	33	24.4	89	88	64	67	81	94	80.5	26.3
27	57.23	57.35	58.43	57.52	58.28	59.03	57.97	26.2	27.4	31.3	30.7	29.1	26.5	28.5	32.7	25.1	92	85	65	67	78	91	79.7	------
28	57.40	58.20	58.68	58.67	58.73	59.73	58.57	27	27.3	28.3	25.3	24.2	25	26.2	28.7	21.3	90	76	75	93	91	84	84.8	90.2
29	58.60	58.57	58.93	57.41	57.88	58.80	58.36	25.1	25.3	31.2	31.3	29.3	27.5	28.3	32	24.2	83	85	64	72	78	91	78.8	------
30	57.82	57.12	57.80	56.64	56.25	57.55	57.20	26.4	27.2	30.5	30.3	29.1	27.5	28.5	31.6	25.5	92	88	76	75	77	87	82.5	------
31	56.35	56.61	57.69	55.37	55.63	57.24	56.48	27	27	26.8	30.4	28.9	27.5	27.9	31.3	25.2	90	87	85	72	80	87	83.5	28.5
Mean	57.35	57.56	58.26	56.86	57.25	58.57	57.64	26.4	26.7	30.9	31.4	28.8	27.2	28.6	33	24.7	84.9	83.5	64.8	66.5	77.4	84.2	76.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	354.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	ESE	SW	WNW	NNW	Calm	36.7	51.7	90.7	16.1	195.2	1	------------	Cu.	2	Ci.-S.	Cu. ESE
2	Calm	Calm	SW	NNW	NNW	NW	2.1	40.7	104.3	20.3	167.4	2	Ci. S	S.-Cu.	2	Ci.	Cu. ESE
3	Calm	Calm	SSW	SSW	NNW	Calm	23.8	52.3	79.2	19.8	175.1	4	Ci. W	Cu.	3	Ci.-S.	Cu.
4	Calm	Calm	SSW	WSW	WNW	Calm	23	44.8	84.8	20.3	172.9	9	Ci.-S. W	Fr.-Cu. SW	9	Ci.-S.	S.-Cu. WSW
5	NNW	Calm	Calm	WNW	NNW	Calm	-----	19.6	83.9	8.7	-------	8	Ci.-Cu. SSW	Cu.	8	Ci.-S. SSW	Cu. ESE
6	Calm	ENE	WSW	NNW	Calm	ENE	14.8	44.5	88.8	37	185.1	3	Ci.-S.	Cu.	8	Ci.-S. SW	Cu.-N. ESE
7	Calm	Calm	WNW	WNW	Calm	ESE	20.3	47.8	71.9	31.2	171.2	6	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N. SW
8	Calm	Calm	NW	NNW	NW	Calm	19.9	38.3	108.1	16.4	182.7	9	Ci.-S. W	S.-Cu.	6	Ci. W	Fr.-Cu. ESE
9	ESE	SE	SSW	WNW	NW	Calm	57.9	68.2	90.9	25.4	242.4	3	A.-Cu.	S.-Cu.	3	Ci.-S. SW	Cu.
10	Calm	ESE	SSW	WSW	NNW	Calm	16.4	70.6	91.1	22.8	200.9	3	Ci.-S.	Cu.	2	Ci.	Cu.
11	Calm	Calm	SW	SW	WNW	Calm	8.9	62.5	77.4	8.7	157.5	3	------------	Fr.-Cu. SW	4	Ci.-S.	Cu. SW
12	Calm	Calm	NW	NW	NW	NW	7.9	-----	90.3	13.5	-------	3	Ci.	Cu. ESE	1	Ci.-S.	Cu.
13	Calm	ESE	SW	SW	Calm	SW	-----	-----	83.2	37.5	-------	2	Ci.	Cu.	1	Ci. SW	Cu.
14	SSW	SSW	SSW	SSW	SSW	NW	52.3	130	134.2	86.9	403.4	2	Ci.	Cu. SW	8	Ci. SW	Cu. SSW
15	SE	ESE	SSW	NNE	Calm	E	50.2	51.8	53.7	26.9	182.6	8	C.-S. WSW	S.-Cu.	10	------------	Cu.-N. SSW
16	ESE	ESE	SW	NNW	NNW	Calm	39.2	39.6	54.9	7	140.7	9	A.-Cu. SW	N.-cf.	8	Ci.-S. WNW	Cu.-N.
17	Calm	Calm	Calm	WNW	Calm	Calm	15.1	17.7	26.6	5.9	65.3	9	A.-Cu. SW	S.-Cu.	9	Ci.-S. SW	Cu.-N. ESE
18	Calm	Calm	SSW	WSW	SW	SE	10.5	74.8	115.4	92.8	293.5	8	Ci.-Cu.	Fr.-Cu. SSW	8	Ci.-S. SW	Cu.-N. ESE
19	Calm	ESE	SSW	SSW	SSW	SSW	28.7	60.4	92.5	64.2	245.8	10	A.-S.	Cu. SW	9	A.-S. SW	Cu.-N. ESE
20	Calm	ESE	SSW	SSW	SSW	SSW	20.6	75.4	104.1	74.5	274.6	9	Ci.-S. ESE	Cu.	9	Ci.-S. SSW	Cu.-N.
21	Calm	SSW	SSW	WSW	Calm	SSW	22.2	83.5	74.6	-----	-------	7	A.-Cu. W	Cu.	10	------------	Cu.-N. SSW
22	Calm	SE	SSW	SW	Calm	SSW	34.4	71.3	85.5	42.8	234	8	Ci.	Cu.	8	Ci.-Cu. WNW	Fr.-Cu.
23	Calm	SSE	SSW	SSW	NNE	ESE	42.4	86.3	69.7	58.5	256.9	6	Ci.-S. SSW	Cu.	5	Ci.-S. SW	Cu.-N. SSW
24	Calm	ESE	SSW	WNW	Calm	Calm	38.1	43.5	63.6	26.9	172.1	7	Ci.	Cu.	8	Ci. ESE	Fr.-Cu. SW
25	Calm	Calm	WSW	NW	WSW	SW	26.6	34.8	64.7	34.8	160.9	3	Ci.	S.-Cu.	6	A.-Cu. SSE	Cu.-N.
26	ESE	ESE	SSW	SW	WSW	SSW	43	64.1	90.9	79.9	277.9	6	A.-Cu.	S.-Cu.	7	Ci.-S. SW	Cu.-N.
27	Calm	SSW	SSW	SSW	SSW	Calm	26.2	79.4	107.2	34.6	247.4	6	Ci.	Cu. SSW	8	Ci.-S.	Cu.-N. ESE
28	Calm	SSE	SSW	SSW	ESE	ESE	47.2	86.3	-----	65.4	-------	9	------------	Cu.-N. SW	10	------------	Fr.-N. SW
29	ESE	ESE	SSW	WSW	Calm	Calm	52.1	53.1	68.7	5.9	179.8	9	A.-Cu.	Cu.	6	Ci.-Cu. SW	Cu.-N. ESE
30	Calm	SSW	SSW	SSW	SSW	Calm	15.1	95.6	83.4	18.2	212.3	4	Ci.	Cu. SW	9	Ci.-S.	Cu.-N. ESE
31	Calm	Calm	NNW	SW	Calm	Calm	19.6	35.4	73.7	15.1	143.8	9	Ci.-S. SW	Cu.	9	Ci.-S.	Fr.-Cu. SW
Mean	------	------	------	------	------	------	28.1	59.4	83.6	33.9	205.4	6	------------	------------	6.6	------------	------------

VIGAN.

[ϕ=17° 34′ N ; λ=120° 23′ E ; barometer above sea, 12.2 meters ; gravity correction not applied, —1.61 mm.]

JUNE, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.80	57.20	57.85	57.31	57.83	59.25	57.71	26	25.4	31.5	31	29	27	28.3	33	23.8	85	93	64	71	78	94	80.8	------
2	58.97	58.68	59.73	58.53	58.62	59.73	59.04	26.1	26.4	30.5	31.5	28.9	27.5	28.5	32.3	24.5	93	91	72	68	79	92	82.5	------
3	59.21	59.10	59.42	58.43	58.22	59.26	58.94	27	27.8	32	31.4	29.8	27.5	29.2	33.8	25.2	83	79	57	74	77	92	77	------
4	58.59	58.76	58.99	57.56	57.45	57.86	58.20	27	28.8	31.1	31.7	29.8	27.2	29.3	33	25.5	89	86	68	70	75	91	79.8	------
5	57.39	57.51	58.33	57.28	57.16	58.50	57.70	26.2	27.2	31.4	31.6	30.1	27.3	29	32.8	24.5	90	84	63	68	71	94	78.3	------
6	57.85	58.77	59.09	57.71	58.07	59.78	58.54	27.1	28	32.1	32.5	29.8	27	29.4	33.5	25.5	83	81	68	67	79	89	77.8	7.2
7	59.37	59.07	58.82	57.91	57.88	58.89	58.66	26.4	27.8	31.3	31.3	30	26.9	29	32.9	25	89	90	72	72	76	95	82.3	------
8	57.68	58.21	58.60	56.33	56.48	57.78	57.51	25.2	26.8	31.1	32.5	30.8	27.5	29	33.7	24.8	89	84	66	60	73	79	75.2	------
9	56.67	56.55	57.11	55.88	56.34	57.52	56.68	26.2	26.5	32.1	31.8	23.6	25	27.5	33.2	20.3	87	80	60	63	90	82	77	44.1
10	56.37	56.97	57.29	56.18	56.83	57.70	56.89	25.9	26	29.8	30.3	28.7	26.8	27.9	32.3	23.8	77	82	67	68	78	75	74.5	------
11	56.88	57.32	57.47	56.32	56.23	58.29	57.08	25.9	25.8	30.7	31.5	30.3	27.2	28.6	32.7	25	81	79	59	68	76	83	74.3	------
12	57.11	56.85	57.76	56.55	57.38	58.39	57.34	26.2	26.5	31.7	31.3	30.5	26.8	28.8	33.2	25	82	84	59	73	74	77	74.8	------
13	57.17	57.35	58.04	56.87	57.33	58.18	57.49	26	26.6	32.9	32.7	30.4	26.8	29.2	33.8	25	80	78	54	60	70	75	69.5	------
14	57.12	57.77	57.67	56.42	56.85	57.95	57.30	26.1	27.3	31.5	32.3	31.1	27.8	29.4	33.5	25.3	79	78	65	62	70	76	71.7	------
15	56.94	57.42	57.78	56.88	58.33	58.94	57.72	26	27	33.2	32.6	29.2	25.8	29	33.8	24.7	86	78	57	66	76	83	74.3	2.3
16	58.02	58.16	58.56	58.36	58.55	59.85	58.58	25.3	26.5	32.7	32.8	31.5	28.9	29.6	33.8	24.5	86	82	64	64	72	88	76	------
17	58.75	58.31	58.44	57.16	56.93	58.28	57.98	27.2	27.6	31.8	32.3	31.2	30	30	33.7	26	90	86	64	71	77	84	78.7	------
18	57.88	57.68	57.35	56.66	57.32	57.98	57.48	28.7	28.9?	34.3	32.5	31.2	27.3	30.5	34.7	24.3	84	78?	55	63	69	81	71.7	------
19	56.77	57.24	57.68	56.26	56.88	58.09	57.15	26.9	26.8	32.4	32.3	28.9	27.6	29.2	34.2	25.8	81	83	57	68	67	76	72	------
20	57.55	57.14	57.36	56.01	56.98	57.74	57.13	28.2	28.4?	32.2	30.8	28.7	27.4	29.3	33.3	25.5	79	79?	65	70	84	83	76.7	------
21	56.59	57.29	58.16	56.83	56.99	58.36	57.37	26.5	27.2	32.1	32.4	30.3	28.2	29.4	33.3	25.2	84	83	61	61	73	83	74.2	------
22	57.30	57.82	58.03	56.66	56.67	58.21	57.45	27	28.4	32	32.7	30.3	27.2	29.6	33.7	25.8	80	82	60	64	68	90	74	2
23	56.61	57.17	57.53	56.43	56.59	57.64	57	26.5	27.5	31.2	32.5	30.5	28	29.4	33.9	25.5	84	84	66	65	69	86	75.7	------
24	56.41	56.87	57.16	56.26	56.31	58.26	56.88	26.8	27.5	32.3	32.3	30.8	26.8	29.4	33.9	25.7	86	84	66	64	69	92	76.8	.5
25	57.31	57.29	57.26	55.96	55.94	57.55	56.88	26.7	28	31.2	32.8	30.5	27.9	29.5	34.2	26.1	92	82	71	60	73	88	77.7	------
26	57.09	56.75	57.06	56.22	56.16	57.29	56.76	26.9	27.4	31.6	33.1	28.3	27.2	29.1	33.8	25.7	86	85	64	63	92	93	80.5	10.8
27	55.91	56.04	56.20	55.28	55.55	56.70	55.95	26.3	26.5	30.5	31.8	28.5	27.7	28.6	33.5	25.3	89	88	76	69	88	92	83.7	1.4
28	56.29	56.23	56.79	56.02	56.47	58.09	56.65	27.1	28	31.8	31.1	29.5	28.7	29.4	33.7	26	88	77	66	67	76	73	74.5	------
29	57.14	56.69	57.63?	56.58	56.18	57.94	57.03	27.5	28.3	31.9	32.5	30.6	29.8	30.1	33.5	26.3	76	75	61	59	68	71	68.3	------
30	57.34	56.70	56.97	56.65	57.32	59.10	57.35	27.6	29	30.8	31.7	28.3	25.5	28.8	32.9	23.7	79	71	70	65	76	90	75.2	17.6
Mean	57.37	57.50	57.87	56.78	57.06	58.30	57.48	26.6	27.3	31.7	32	29.7	27.4	29.1	33.5	25	84.6	82.2	63.9	66.1	75.4	84.9	76.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	85.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SSW	ESE	SSW	WSW	NNW	Calm	24.3	49.9	61.8	11.5	147.5	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
2	Calm	Calm	NNW	NNW	NNW	Calm	9.7	58.4	94.3	24.4	186.8	6	Ci.	Cu.	3	Ci. WNW	Cu.-N.
3	Calm	ESE	SSW	WSW	NNW	Calm	40.4	53.9	66	5.3	165.6	2	Ci.-S.	Cu.	6	Ci.-S. SW	Cu.-N.
4	Calm	Calm	SSW	WSW	SSW	Calm	12.6	49.1	67.3	10.7	139.7	1	Ci.-S.	Cu.	5	Ci.	Fr.-Cu. SW
5	Calm	Calm	WSW	WSW	NNW	Calm	14	44.6	61.5	14	134.1	0	------------	Cu.	2	Ci.-S.	Cu.-N.
6	Calm	ESE	WNW	WNW	NNW	Calm	27.9	43.1	63.8	-----	-------	6	Ci. ESE	Cu.	4	Ci.-S.	Cu.-N. ESE
7	Calm	Calm	NW	WNW	NNW	Calm	21.5	45.1	83.5	29	179.1	8	Ci. N	Cu.	5	Ci.-S.	Fr.-Cu. W
8	Calm	ESE	SSW	WNW	NNW	Calm	24.7	29.2	62.3	21.2	137.4	2	Ci. ↘	Cu.	4	Ci.-S. NNW	Cu.-N.
9	Calm	ESE	SSW	WNW	NE	Calm	25.1	51.7	81.5	39.7	198	3	Ci. NW	Cu.	3	Ci. NW	Cu.-N.
10	ENE	ENE	ENE	WSW	Calm	Calm	49.4	33.8	35.9	39.1	158.2	9	A.-S. W	Cu.	8	A.-S. W	Cu.-N.
11	ESE	ESE	SSW	WSW	WNW	ENE	48.9	46.4	66.2	25.2	186.7	9	A.-Cu. W	Cu.	3	Ci.	Cu.-N.
12	ENE	ESE	WSW	WSW	Calm	ENE	42.6	51.2	68.9	53.3	216	2	Ci.	Cu.	2	Ci.	Cu.-N.
13	ENE	ESE	Calm	WNW	NNW	ENE	54.9	45.4	62	51.8	214.1	9	A.-S. W	Cu.	8	Ci.-S.	Cu.-N.
14	ENE	ESE	Calm	WNW	NNW	ENE	46.9	42.8	80.7	59.2	229.6	8	Ci.-S.	Fr.-Cu.	2	Ci.-S.	Cu.-N.
15	Calm	SE	Calm	WSW	ENE	NE	37.2	58.5	61.4	50.9	208	3	Ci.	S.-Cu.	2	Ci.-S.	Cu.-N. ESE
16	NE	NE	NNW	WNW	WNW	Calm	37.3	28	68.7	12.9	146.9	9	Ci. ENE	Cu.	3	Ci.-S. W	Cu.-N.
17	Calm	Calm	WNW	NW	Calm	Calm	17.5	34.9	74.5	4.2	131.1	8	Ci.	Cu.	4	Ci.-S. WNW	Cu.-N.
18	Calm	E	WNW	WSW	WNW	ENE	35.4	49.3	71.1	70.6	226.4	6	Ci. N	Cu.	2	Ci.	Cu.-N.
19	ENE	ESE	SSW	WSW	NE	ESE	51.5	42.8	75.4	42.8	212.5	6	Ci. NE	Cu.	3	Ci.-S. WNW	Cu.-N.
20	Calm	Calm	WNW	WNW	Calm	Calm	-----	29.3	64.4	32.8	-------	8	Ci. NNE	Cu.	8	Ci.-S.	Cu.-N.
21	Calm	ESE	SSW	WSW	Calm	ENE	40.7	51	51	25.5	168.2	4	Ci.	Cu.	5	Ci.-S.	Cu.-N.
22	ENE	Calm	Calm	WNW	NNW	Calm	33.6	30.8	81	11.6	157	3	Ci.	S.-Cu.	3	Ci. NNE	Cu.-N.
23	ESE	ESE	SSW	WNW	ESE	E	42.6	51.3	66.8	21.9	182.6	3	Ci.-S. SSE	Cu.	3	Ci.-S. ESE	Cu.-N.
24	Calm	ESE	SW	SW	Calm	Calm	41.8	57.7	49.9	26.2	175.6	1	Ci.-S.	Cu.	2	Ci.-S. SW	Cu.-N.
25	Calm	ESE	SSW	WNW	Calm	Calm	28	59.7	65	25.9	178.6	2	A.-Cu. SSW	S.-Cu.	1	Ci.-S.	Cu.-N. ESE
26	Calm	ESE	SSW	WSW	Calm	Calm	28	58.2	60.6	21.1	167.9	1	------------	Cu.	4	Ci.-S. WSW	Fr.-Cu. ESE
27	Calm	ESE	SSW	WSW	SSW	Calm	23.1	70.8	62	25.9	181.8	8	A.-Cu. ESE	S.-Cu.	2	Ci.	Cu.-N. ESE
28	Calm	SSW	SSW	SSW	SW	SSW	26.2	87.4	162.5	122	398.1	9	A.-S. SE	Cu.	8	Ci. SSW	Fr.-Cu. NE
29	Calm	SSW	SSW	SSW	SSW	WSW	27.2	110.7	144 8	98.7	381.4	3	Ci. ESE	Cu.	6	Ci.-S. SSW	Cu.-N.
30	SSW	SSW	SSW	SSW	SSW	SSW	110.5	119.1	129.5	50.9	410	2	Ci. SSW	Cu.	8	Ci.-S. SSW	Fr.-Cu.
Mean	------	------	------	------	------	------	35.3	52.8	74.8	35.5	200.7	5	------------	------------	4.2	------------	------------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

JULY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.28	57.20	57.40	56.51	56.80	57.62	57.30	26.3	26.2	30.5	30.9	26.7	24	27.4	32.3	22.3	85	82	63	65	86	91	78.7	76.2
2	55.13	55.27	55.72	56.55	56.15	55.02	55.64	24.6	26.5	30.6	25	25.8	25.8	26.4	31	22.7	87	76	67	92	85	81	81.3	17.2
3	54.60	54.82	55.68	54.77	54.76	56.03	55.11	26.3	27.7	30	31.4	30.5	29.3	29.2	32.4	24.5	80	68	69	66	72	79	72.3	.3
4	55.75	56.34	57.46	56.51	57.07	58.17	56.88	29	29	31.3	32	31.1	29.2	30.3	32.9	25.8	76	77	67	66	75	78	73.2	-----
5	57.21	57.68	58.74	57.93	57.70	58.84	58.02	27.7	28	31.2	32.3	31.3	28.3	29.8	33.2	26.5	87	85	68	64	72	86	77	-----
6	57.76	58.37	58.43	57.66	57.38	59.48	58.18	26.8	27.6	32	32.3	31.3	28.6	29.8	33.5	25.7	88	84	62	69	73	87	77.2	-----
7	58.10	58.20	58.91	57.65	57.64	59.44	58.32	27.6	27.9	31.8	32.5	30.7	28	29.8	33.7	26	90	83	66	65	74	85	77.2	29.4
8	59.16	59.27	59.78	58.18	58.13	60.32	59.14	27.3	27.2	31.5	32.1	30.5	28.4	29.5	33.1	24	88	89	67	69	77	81	78.5	-----
9	59.70	59.84	60.41	59.18	59.45	60.68	59.88	27.5	28.3	32	32.4	28.3	27.9	29.4	33.1	25.7	89	87	72	67	79	84	79.7	-----
10	60.19	60.40	60.76	58.87	58.21	59.47	59.65	27.5	28.3	31.7	32.1	30.2	29	29.8	33.2	25.7	87	83	70	69	83	85	79.5	-----
11	58.50	58.71	59.58	58.26	58.20	59.28	58.76	27.8	28	31.9	32.8	31	28.9	30.1	33.8	26.3	82	79	64	68	76	83	75.3	-----
12	58.76	58.79	58.83	57.25	57.84	59.30	58.46	26.9	27.8	32.9	32.3	28.2	27.5	29.3	33.3	25.7	88	87	68	69	72	77	76.8	-----
13	58.23	58.16	58.18	56.78	57	58.20	57.76	25.8	25.8	29.8	31.9	25.8	26	27.5	32.5	24.1	88	89	76	69	91	86	83.2	9.4
14	57.37	57.26	57.49	56.69	56.86	57.64	57.22	25.8	26.3	32.2	32.3	30.6	26.9	29	33.4	24.7	85	88	57	66	74	91	76.8	.1
15	56.97	57.33	57.87	58.28	56.64	58.39	57.58	26.2	26.5	31.7	23.8	26.3	25.8	26.7	33.3	22.2	91	82	65	93	87	89	84.5	40.4
16	58.36	57.73	58.86	57.58	57.19	59.39	58.18	25.5	24.8	30	31.5	29.9	27.1	28.1	32	24	95	93	80	72	82	75	82.8	.2
17	57.69	57.98	57.98	57.21	57.44	58.18	57.75	25.4	25.6	30.9	31.3	28.6	25.4	27.9	32.7	23.5	85	84	66	66	80	92	78.8	7.4
18	57.11	57.33	57.54	56.24	56.21	57.25	56.95	24.6	25.9	31.6	29.7	27.2	26.5	27.6	33.4	23.8	90	83	59	77	90	83	80.3	1
19	55.52	56.07	56.67	55.36	55.10	56.15	55.81	25.1	25.9	31.5	31.3	31.2	27.7	28.8	33	24.3	92	86	59	66	69	82	75.7	-----
20	55.25	55.74	56.38	55.47	55.44	56.69	55.83	26.8	26.6	30.9	31.7	29.7	27.5	28.9	33	25.5	83	83	68	67	80	87	78	-----
21	55.42	56.25	57.34	56.23	56.71	58.62	56.76	26.3	26.7	31.2	32.8	31.3	28.6	29.5	33.4	25.3	92	88	64	64	70	83	76.8	7.4
22	57.71	57.46	58.03	57.13	57.68	59.90	57.98	26.3	26.9	30.6	31.2	28.6	25.8	28.2	32.6	23.7	94	85	75	74	77	91	82.7	12.5
23	57.53	58.32	58.48	57.59	57.15	58.10	57.86	24.8	25.5	30.7	29.8	25.7	25.7	27	31.3	23.9	92	91	70	79	92	90	85.7	3.8
24	56.75	56.20	56.86	54.86	54.45	55.46	55.76	25.1	25.6	27.8	29.2	29	25.3	27	30.1	24	93	88	82	76	78	93	85	8.1
25	54.68	54.69	55.55	53.32	53.65	55.06	54.49	25.7	25	27.1	30.8	28.7	24	26.9	32.1	22.2	85	96	87	69	79	96	85.3	30.9
26	54.59	53.92	54.59	53.50	53.42	54.07	54.02	24.2	24	28.9	29.5	25.3	25.5	26.2	31.2	23.2	97	97	77	79	93	93	89.3	2.2
27	53.03	52.77	53.12	52.19	51.95	53.16	52.70	25.1	25.1	29.2	29.7	28.6	25.5	27.2	31.3	24.2	93	91	74	75	80	96	84.8	4.9
28	52.14	52.13	52.67	50.96	50.22	51.95	51.68	25.5	24.8	28.2	29	28.2	27.2	27.2	29.5	24	93	96	80	76	82	87	85.7	1.2
29	50.64	50.46	50.43	48.83	48.22	50.12	49.78	25.5	25.8	30.3	30.8	30.3	27.9	28.4	32	24.7	94	93	74	76	80	91	84.7	4.1
30	48.87	49.85	50.54	49.53	49.96	50.62	49.90	27.8	26.2	29.5	30.9	27	26.9	28	32.3	24.8	87	97	85	72	78	77	82.7	-----
31	50.37	51.17	52.06	52.02	52.45	53.61	51.95	25.2	25.3	30	30.3	29	27.3	27.8	32	24.5	88	89	70	70	72	82	78.5	3.1
Mean	56.17	56.31	56.85	55.78	55.71	56.97	56.30	26.2	26.5	30.6	30.8	28.9	27	28.3	32.5	24.4	88.5	86.4	70	71.5	79.3	85.8	80.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	259.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SSE	Calm	SSW	SSW	SSW	SSW	41.5	95.2	126	99.3	362	9	-----	N.-cf.	10	A.-S. SSW	S.-Cu.
2	Calm	SSW	SSW	SSW	SSW	Calm	49.1	98.7	89.9	65.4	303.1	10	A.-S. SSW	S.-Cu.	10	-----	N. SSW
3	SSW	SSW	SSW	SSW	SW	SSW	51.2	102.5	138.6	124.1	416.4	9	A.-Cu. WSW	S.-Cu.	9	Ci.-S. SSW	Cu.-N.
4	SSW	SSW	SSW	SW	SSW	SW	89.3	113.7	122	63.9	388.9	3	Ci.-S. SSW	Cu.	3	Ci.-S. SW	Cu.-N.
5	Calm	SSE	SSW	SW	SW	Calm	31.6	77.2	80.3	18.7	207.8	3	Ci.-S. SSW	Cu.	2	Ci.-S.	Cu.-N.
6	Calm	ESE	SSW	WSW	WSW	Calm	32.7	51.7	68.6	6.7	159.7	0	Ci.-S.	Cu.-N.	1	Ci.-S. SW	Cu.-N.
7	Calm	ESE	NW	W	Calm	Calm	29.8	39.1	60.9	28.4	158.2	6	Ci.	Cu.	2	Ci.-S.	Cu.-N. ESE
8	WNW	ESE	SSW	NW	NW	Calm	35.6	46.9	62.6	35.2	180.3	1	Ci.-S.	S.-Cu.	1	Ci.-S. NE	Cu.-N.
9	Calm	Calm	NNW	NNW	Calm	Calm	6.2	24.3	75.6	5.8	111.9	6	A.-Cu. SSW	Cu.	2	Ci.-S. NNE	Cu.-N.
10	Calm	NNE	NNW	NNW	Calm	Calm	28.4	43	89.9	20.9	182.2	3	Ci.-S.	Cu.	1	Ci.	Cu.-N.
11	ESE	ESE	SSW	W	Calm	Calm	55.2	61.4	58.7	14.2	189.5	0	-----	Cu.	4	Ci. SE	Cu.-N.
12	Calm	Calm	NNW	NW	SSW	Calm	24.3	44.5	97.4	34.9	201.1	0	-----	Cu.	1	A.-Cu. NNW	Cu.-N.
13	ESE	Calm	NNW	W	Calm	Calm	16.7	33	89.6	22.5	161.8	7	Ci.	S.-Cu.	2	Ci.-S. NNW	Cu.-N.
14	ESE	ESE	Calm	WSW	WNW	Calm	41	41.3	58.4	17.1	157.8	6	Ci.	Cu.	2	Ci. SSE	Cu.-N.
15	Calm	Calm	NNW	Calm	Calm	Calm	12.3	25.4	39.9	9.7	87.3	4	Ci.	Cu.	10	-----	N. NNW
16	Calm	Calm	Calm	WNW	Calm	Calm	17.9	16.7	52.6	58.7	145.9	9	A.-S.	S.-Cu.	10	A.-S. NNW	Cu.-N. ESE
17	Calm	Calm	Calm	NW	Calm	Calm	11.5	22.8	58.7	34.3	127.3	9	Ci.-S. NNE	S.-Cu.	8	Ci.	Fr.-Cu. NE
18	Calm	ESE	Calm	ENE	ENE	ESE	41.5	33.8	66.5	38.1	179.9	5	Ci.	Cu.	7	Ci.	Fr.-Cu. WNW
19	Calm	ESE	Calm	WSW	NNW	ESE	34.8	45.3	64.4	30	174.5	3	Ci.	Cu.	2	Ci.-S. W	Cu.-N.
20	ESE	SE	SSW	WSW	Calm	NNE	41	60.6	48.5	22.3	172.4	5	Ci. SSW	Cu.	4	Ci.-S. SSW	Fr.-Cu. ESE
21	NNE	ESE	SSW	SSW	Calm	Calm	38.6	52.8	56.8	20.7	168.9	2	A.-Cu.	Cu.	6	Ci.-S. SSW	Cu.-N.
22	Calm	ESE	SSW	SSW	WSW	SW	38.6	75.4	93.3	69.5	276.8	3	Ci.	Fr.-Cu.	8	Ci.	Cu.-N.
23	SSW	Calm	SSW	Calm	ESE	Calm	31.1	59.7	50.9	24.7	166.4	10	A.-Cu.	S.-Cu. SSW	10	A.-S.	S.-Cu.
24	ESE	SSE	SSW	Calm	WSW	E	31.2	34.8	27.9	32.7	126.6	9	Ci.-S. SSW	S.-Cu.	9	A.-S.	S.-Cu.
25	ESE	Calm	Calm	SW	WSW	ESE	35.1	4	46.7	44.3	130.1	10	-----	N.	8	Ci.-Cu. SSW	Cu.-N.
26	SSW	Calm	SW	SW	ENE	Calm	29.2	36.8	67.8	23.6	157.4	10	Ci. SE	S.-Cu.	10	Ci.-S. WSW	Fr.-N. NW
27	Calm	Calm	SSW	WSW	WNW	SSE	22.2	54.1	74.5	28.7	179.5	10	A.-Cu. NNW	S.-Cu.	6	Ci.-S. WSW	Cu.-N. NW
28	SSW	SW	SSW	SSW	SSW	SSW	37	64.2	65.7	34.1	201	10	-----	N. SSW	10	-----	Fr.-N. SW
29	Calm	Calm	NNW	NNW	Calm	SSW	9.4	43.7	67.8	41	161.9	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. NNW
30	Calm	Calm	WSW	SW	SSW	SE	23	27.6	91.1	44.3	186	10	-----	N. NNE	10	Ci.-S.	Cu.-N.
31	Calm	Calm	SSW	SSW	SW	Calm	20.9	46.7	133.8	41.2	242.6	10	Ci.-S.	S.-Cu.	10	-----	Fr.-N. SSW
Mean	-----	-----	-----	-----	-----	-----	32.5	50.9	75	37.3	195.7	6.2	-----	-----	6.1	-----	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	6,065.2	-----	-----	-----	-----	-----	-----

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

AUGUST, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	53.07	54.47	54.45	53.29	54.55	56.56	54.40	27.3	26.5	27.5	30.2	27.4	27.3	27.7	32.2	24.9	81	90	83	71	91	89	84.2	9
2	55.51	55.11	55.40	54.92	55.08	56.42	55.41	27.5	27.6	31	30.8	29.7	29.1	29.3	32	26	84	90	75	74	75	76	79	------
3	56.21	55.75	56.59	55.43	55.27	56.44	55.95	27.2	27.5	31.1	28.9	28.8	27.8	28.6	32.2	25.9	85	84	67	83	86	85	81.7	3.1
4	55.35	55.39	55.97	55.28	55.68	56.59	55.71	26.8	27.3	30.5	31.3	28.8	27.3	28.7	32.3	26	90	86	72	70	80	84	80.3	1.8
5	55.55	55.56	56.30	56.74	57.26	57.68	56.52	27.1	26.6	28.5	25.8	25.1	25.3	26.4	29.2	24	83	91	82	97	95	91	89.8	21
6	56.25	56.25	57.29	55.92	56.02	58.12	56.64	25.8	26	28.3	29.9	26	24.3	26.7	31.3	23.9	87	88	75	72	91	97	85	43
7	57.45	56.86	57.84	56.80	56.34	57.68	57.16	23.8?	24.1	27.3	27.1	26.8	23.6	25.4	28	22.5	96	91	77	83	81	99	87.8	75.1
8	55.75	55.49	55.87	54.97	54.51	55.39	55.33	24.2	23.4	26.2	26.8	28.3	27.7	26.1	29.2	22.7	96	97	87	96	84	88	91.3	31.1
9	54.30	54.15	55.38	54.79?	54.63	56.04	54.88	26.6	26.8	30.5	30.8	28.8	25.8	28.2	31.5	25.2	92	93	78	76	83	93	85.8	48.7
10	54.86	55.11	56.18	55.79	56.32	58.07	56.06	26.8	26.5	29.6	29.6	26	26.4	27.5	30.5	25.1	92	93	79	81	94	86	87.5	12.4
11	56.70	56.80	57.20	56.67	57.05	58.15	57.10	26.9	26.2	29.8	25.5	23.7	25.7	26.3	30.8	23	82	85	75	96	98	92	88	64.9
12	56.55	56.65	56.68	55.75	55.50	56.55	56.28	26.8	26.2	28.7	26	25.6	25.3	26.4	29.4	24.2	86	90	80	90	92	85	87.2	25.2
13	55.12	55.03	56.14	55.16	55.15	56.47	55.51	25.3	25.9	26.7	28.9	27	26.4	26.7	29.8	23.4	84	80	88	78	80	85	82.5	18.2
14	56.79	55.56	56.66	56.20?	55.36	56.94	56.25	23.3	24.1	28.9	28.6	28.2	27.5	26.8	30.1	22.5	97	87	72	80	77	88	83.5	------
15	56.39	56.57	57.35	56.82	57.19	58.31	57.10	26.6	25.7	30.3	30.3	27.3	26.2	27.7	31.8	24.7	89	89	66	74	78	86	80.3	------
16	57.83	58.17	58.60	57.48	57.45	58.45	58	26	25.3	30	30.8	29.8	27.4	28.2	31.9	24.6	85	85	68	72	78	91	79.8	------
17	57.50	58	58.20	55.98	55.75	57.35	57.13	26	25.5	30.3	31.3	29	25.2	27.9	31.8	23.5	93	92	75	72	81	95	84.7	18.8
18	55.75	55.97	56.08	54.80	54.86	56.03	55.58	24.9	25.4	30.5	31.5	28.3	26.8	27.9	31.8	24	94	93	72	77	89	96	86.8	4.6
19	55.42	55.38	55.35	54.20	54.03	55.51	54.98	26.2	25.6	31.2	31.2	29.5	26.5	28.4	32.2	24.8	94	95	69	74	81	92	84.2	8.2
20	54.90	55.23	55.68	53.88	54.05	55.71	54.91	26.3	26	31.8	30.8	28	25.5	28.1	33	23.3	94	89	66	73	91	94	84.5	82.4
21	55.42	55.13	55.98	55.16	54.84	56.09	55.44	24.6	24.7	26.2	27.2	27	27.2	26.2	27.7	23.3	97	97	91	89	86	85	90.8	6.2
22	55.45	55.32	56.39	55.67	55.40	56.62	55.81	26.7	25.3	28.3	27.3	26	25.8	26.6	29.2	24.3	83	96	81	84	93	89	87.7	16.4
23	55.53	54.90	56.61	54.93	55.01	56.85	55.64	25.9	26.4	28.9	29.9	28.2	24.9	27.4	30.8	24.1	87	88	78	72	80	93	83	14.4
24	55.50	55.13	55.90	54.88	54.77	56.58	55.46	25	25.3	29	25.8	25.7	24.4	25.9	30	23.2	94	93	70	92	90	96	89.2	13.5
25	55.67	55.48	57.14	55.95	55.92	57.45	56.27	24.8	24.7	24	27.5	25.4	25.9	25.4	28.6	22.4	93	86	95	81	90	89	89	25.2
26	56.92	57.05	57.98	57.06	57.54	58.64	57.53	26.5	25.6	28.9	29.4	27.5	27	27.5	30.6	24	86	90	80	75	81	85	82.8	.6
27	58.37	58.87	59.26	58.33	58.51	59.61	58.82	26.3	25.3	30.2	30.8	28.4	27.4	28.1	31.6	24.3	89	89	66	70	78	88	80	.5
28	58.97	58.88	60	58.55	58.86	60.28	59.26	25.5	25.3	30.5	30.6	27.8	25.9	27.6	31.9	24.4	92	90	64	71	85	85	81.2	1.5
29	59.50	59.02	59.53	58.15	58.13	59.49	58.97	25.4	24.7	31	31	29	27.3	28.1	32.5	23.7	84	84	59	65	74	89	75.8	------
30	58.47	58.25	59.21	58.20	58.09	58.70	58.49	26.5	25	29.7	31	29.2	26.9	28	32.3	24.2	84	88	69	69	75	91	79.3	------
31	57.72	57.60	58.40	57.18	56.85	58.61	57.73	26.1	25.3	30.7	30.4	28.1	24.5	27.5	32.3	23.3	89	89	65	72	80	96	81.8	33.4
Mean	56.28	56.23	56.96	55.97	56	57.33	56.46	26	25.7	29.2	29.3	27.6	26.3	27.3	30.9	24	89.1	89.6	75	78.4	84.4	89.6	84.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	579.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	S	SSW	SSW	SSW	SSW	SSW	59.2	68.7	135.4	116.4	379.7	10	------------	N. SSW	10	Ci.-S.	S.-Cu.
2	SSW	SSW	SSW	SSW	SSW	SSW	82.6	127.3	135.2	92.8	437.9	10	A.-Cu.	Fr.-N. ssw	9	A.-S. SSW	Cu.-N.
3	SSW	Calm	SSW	SSW	Calm	SSW	71	73.8	55	45.3	245.1	10	------------	S.-Cu.SSW	9	------------	S.-Cu.ssw
4	SSW	SSW	SW	SSW	SSW	SSW	35.9	98.5	103.6	65.7	303.7	9	------------	S.-Cu.SSW	10	Ci.-S. SSW	Cu.-N.
5	SSW	Calm	Calm	Calm	ESE	Calm	28.2	56.6	37.3	32	154.1	10	------------	Fr.-N. ssw	10	------------	N. SSW
6	SSW	SSW	SSW	SSW	SW	SSW	42	66.6	98.8	94.1	301.5	10	------------	Fr.-N. ssw	10	------------	cu.-N.ssw
7	ESE	Calm	SW	SSW	SSW	Calm	42	53.9	109.4	59.7	265	8	Ci.-S.	S.-Cu.SSW	10	------------	cu.-N.ssw
8	SSW	SW	SSW	SSW	SW	SSW	58.9	60.4	94.4	86.3	300	10	------------	N.	10	------------	cu.-N.ssw
9	SW	SSW	SW	SW	SW	SSW	80.5	112.9	115.4	67.6	376.4	10	------------	Cu.-N. SW	5	------------	Cu.-N.SW
10	SSW	SSW	SSW	SSW	SSW	SSW	73.2	89.3	108	98	368.5	10	------------	N. SSW	9	Ci.	Cu.-N.SW
11	SSW	SSW	SSW	SSW	SSW	SSW	63.6	84.8	70.3	60.4	279.1	10	------------	Fr.-N. ssw	10	------------	N. SSW
12	SSW	SSW	SSW	SSW	SSE	Calm	106.2	109.4	106.7	56.9	379.2	10	------------	cu.-N. ssw	10	------------	N. SSW
13	SSW	SSW	SSW	SSW	SW	Calm	51.5	72.2	99.5	35.2	258.4	9	Ci.-S.	S.-Cu.	10	A.-S.	S.-Cu.
14	ESE	ESE	SSW	SSW	SSW	Calm	61.7	80.3	118.5	40.8	301.3	10	Ci.-S.	S.-Cu.	10	------------	cu.-N. ssw
15	ESE	Calm	SW	SW	SSE	SSE	27.9	41.3	100.1	26.8	196.1	6	Ci.-Cu.	S.-Cu.	8	Ci.-S. SW	Cu.-N.
16	SE	SE	WSW	WSW	WSW	Calm	44.1	52.1	56.5	14.3	167	0	------------	Cu.	1	Ci.-S. wsw	Cu.-N.
17	Calm	Calm	Calm	NNW	NNW	NW	20.9	25.1	81.3	66.2	193.5	6	Ci.	Cu.	6	Ci.-S. NNW	Cu.-N.
18	Calm	Calm	NNW	NNW	Calm	Calm	11.1	34.9	70.8	19.5	136.3	6	Ci.	Cu.	8	Ci.-S. NNW	Cu.-N.
19	Calm	Calm	Calm	WNW	Calm	ESE	9.4	32.2	64.2	31.2	137	8	Ci.	Cu.	8	------------	Fr.-N.WNW
20	Calm	ESE	Calm	WNW	Calm	Calm	31.7	23	43.5	36.8	135	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
21	Calm	SSE	Calm	SSW	SSW	SSW	22.7	-----	62.8	91.1	------	10	------------	S.-Cu.	10	------------	cu.-N.ssw
22	SSW	Calm	SSW	SSW	SSW	SW	82.1	100.6	122.1	46.1	350.9	10	------------	cu.-N. ssw	10	------------	cu.-N.ssw
23	SSW	SSW	SSW	SSW	SSW	SW	45.1	87.4	101.4	90.3	324.2	3	Ci.-S. SSW	Cu.	9	A.-Cu. ssw	Cu.-N.
24	SSW	SSW	SSW	SSW	SSW	SSW	69.4	89.3	95.8	84.2	338.7	10	------------	N. SSW	10	------------	Cu.-N.
25	SSW	SSW	Calm	SSW	Calm	SSW	60.4	53.3	73.8	81	268.5	10	------------	S.-Cu.	10	------------	cu.-N.ssw
26	SSW	SSW	SSW	SSW	WSW	SW	76.7	72.4	105.7	59.3	314.1	10	Ci.-S.	S.-Cu.SSW	9	Ci.-S. SSW	Cu.-N.
27	Calm	Calm	SSW	SSW	SSW	Calm	29	47.3	78.7	38.9	193.9	8	A.-cu. ssw	Cu.	2	Ci.-S. SW	Cu.-N.
28	Calm	ESE	SSW	SW	S	ESE	27.2	45.1	57.6	38.4	168.3	0	------------	Cu.	2	Ci.-S. SW	Cu.-N.
29	ESE	ESE	WSW	SW	Calm	Calm	67	53.7	54.1	3.7	178.5	1	Ci.-S.	Cu.	0	Ci.	Cu.-N.
30	SE	ENE	Calm	WSW	Calm	Calm	34.1	23.9	53.7	6.1	117.8	7	Ci.	Cu.	4	Ci.	Cu.-N.
31	Calm	ESE	Calm	WNW	Calm	Calm	25.4	34.8	56.9	21.9	139	1	Ci.	Cu.	10	Ci.-S. NW	Cu.-N.
Mean	------	------	------	------	------	------	49.7	65.7	86	55.1	257	7.8	------------	------------	8	------------	------------

VIGAN.

[φ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

SEPTEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.40	56.43	57.81	55.95	56.41	57.98	57	24.3	24.6	29.5	30.2	26.2	24.7	26.6	31.7	23.5	95	91	73	65	89	97	85	41.7
2	56.80	56.78	57.24	55.64	55.96	57.40	56.64	24.2	24.5	27.3	28	27.1	25.1	26	30	23.3	96	96	82	81	83	92	88.3	.5
3	56.30	56.73	56.95	55.66	55.65	56.63	56.32	25	24.5	28.4	28.3	27.3	25.7	26.5	29.8	23.6	90	92	75	79	84	93	85.5	------
4	55.91	55.60	56.60	54.64	54.75	56.37	55.64	25	24.7	30.2	30.5	28.3	26.1	27.5	31.4	24.1	93	94	68	72	81	94	83.7	4.7
5	55.25	55.02	55.43	53.99	53.93	55.32	54.82	25.3	25	29.8	30.4	28.8	26.6	27.6	31.5	24.1	96	95	71	72	81	95	85	23.6
6	54.72	54.68	54.91	54	53.98	55.11	54.57	25.3	25.2	28.7	27.6	26.6	26.1	26.6	30.1	24.2	95	97	78	85	89	88	88.7	22.7
7	53.52	53.47	53.85	52.76	52.72	54.15	53.41	26.2	24.8	28.8	28.7	27.5	27	27.2	30.2	23.8	87	98	79	83	88	88	87.2	4.8
8	53.05	52.53	53.42	51.82	51.78	53.57	52.70	26.1	25.5	27.3	27.3	24.2	24.5	25.8	28.4	23.1	94	94	88	88	97	92	92.2	52.5
9	52.94	53.28	54.12	52.96	53.56	54.68	53.59	24.5	24.9	29.2	30.2	27.8	25.8	27.1	31	22.8	93	96	74	74	82	94	85.5	.8
10	54.07	53.72	54.95	53.70	53.89	54.92	54.21	25	25.2	29.4	29.7	25.4	26.2	26.8	31.3	24	98	90	72	75	93	77	84.2	13.1
11	54.65	54.94	55.61	54.45	54.41	55.66	54.95	24	23.6	29.2	29.5	28.8	26.5	26.9	30.8	22.5	96	97	70	72	77	86	83	------
12	55.10	55.01	56.38	54.75	54.87	56.30	55.40	25.3	24.2	29.9	30.5	28.8	26.5	27.5	32.4	23.6	89	91	73	68	78	92	81.8	------
13	55.67	55.90	56.68	55.33	55.37	56.81	55.96	26.5	26.2	30.4	30.7	28.6	27.4	28.3	32.5	25.5	90	92	69	70	82	91	82.3	------
14	56.29	56.10	57.62	56.40	56.46	57.66	56.76	26.5	25.3	30.9	30	28.5	27.3	28.1	32.3	24.5	90	89	71	75	82	91	83	.1
15	56.97	56.96	58.06	56.90	57.22	59.04	57.52	26.1	25.4	29.8	31	28.9	26	27.9	31.6	24.3	92	92	73	69	78	86	81.7	------
16	58.32	58.48	59.77	58.23	57.83	59.07	58.62	26.1	25.5	31.2	31	27.7	26.2	28	31.9	24.4	93	95	72	69	83	91	83.8	------
17	58.65	59.32	59.92	58.86	58.75	60.02	59.25	26.1	25.8	31.5	30.9	28.9	27.5	28.4	32.5	24.6	83	82	65	69	81	88	78	------
18	58.57	58.15	59.13	57.49	58.01	59.05	58.40	26.5	25.3	31.1	31.3	29.8	27.5	28.6	32.8	24.3	88	91	71	68	76	90	80.7	------
19	58.01	57.34	58.09	56.48	57.20	59.04	57.69	26.5	26.2	32.1	32	29.6	27.8	29	33	25.2	92	86	68	69	79	90	80.7	------
20	57.80	58.09	58.65	56.87	56.73	58.06	57.70	26.9	26.4	30.5	31.3	27.7	26.8	28.3	32.7	25.6	90	86	68	70	81	89	80.7	------
21	58.02	58.55	59.55	57.90	58.06	59.20	58.55	26.1	25.7	31.5	30.9	28.4	26.5	28.2	33	24.7	87	88	65	68	85	88	80.2	------
22	57.48	57.73	58.84	57.44	57.88	59.05	58.07	25.5	25.5	32	31.8	29.6	28.5	28.8	32.6	24.5	90	85	60	66	78	88	77.8	------
23	58.25	58.36	58.79	56.75	56.77	57.80	57.79	26.2	25	30.5	30.6	29.6	27.6	28.2	32	24.1	92	92	73	73	72	85	81.2	------
24	57.21	57.82	58.18	56.36	56.78	58.20	57.42	25.5	25.5	32.4	31.8	28	27	28.4	33.5	24.5	87	85	55	66	88	88	78.2	------
25	57.56	57.53	58.33	56.84	57.25	58.95	57.74	25.5	25.5	31.5	31.8	28.2	26.3	28.1	32.2	24.7	92	88	60	69	80	86	79.2	------
26	58.45	57.98	58.59	57.12	57.53	58.91	58.10	25.6	25.1	31.5	31	28.3	25.7	27.9	32.8	24.1	87	87	63	71	77	89	79	1.3
27	57.86	57.92	58.74	57.78	57.80	59.34	58.24	26.1	25.8	30.6	30.5	29.3	27	28.2	32.5	24.6	87	84	65	72	75	88	78.5	------
28	57.59	58.33	59.34	57.58	58.58	59.03	58.41	26.3	25.7	30.5	31.7	27.3	25.5	27.8	32.5	24.7	87	86	70	65	82	85	79.2	.4
29	58.08	58.12	58.89	57.59	58.13	60.04	58.48	25.1	24.5	30.8	31.5	28.5	25	27.6	33.1	23.6	81	83	57	59	78	88	74.3	.8
30	59	59.24	59.94	58.44	59.44	60.40	59.41	25.3	24.2	29.9	30.1	25.5	25	26.7	32.1	23	85	90	73	70	76	88	80.3	16.8
Mean	56.65	56.67	57.48	56.02	56.26	57.59	56.78	25.6	25.2	30.2	30.4	28	26.4	27.6	31.8	24.1	90.5	90.4	70	71.7	81.8	89.2	82.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	183.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SSE	Calm	NNW	NW	Calm	Calm	40.2	23.5	73.7	8.2	145.6	10	------------	S.-Cu.	9	Ci.-S.	Cu.-N.
2	Calm	Calm	WNW	SW	Calm	Calm	5.6	23.8	48.3	5.1	82.8	10	------------	S.-Cu.	9	Ci.-S.	Cu.-N.
3	SE	Calm	SW	SW	Calm	Calm	25.5	36.5	41.5	4.5	108	10	------------	S.-Cu.	10	------------	Cu.-N.SW
4	Calm	Calm	SSW	SW	Calm	SSW	1.8	41	55.2	19.3	117.3	4	Ci.	S.-Cu.	5	Ci.-S. SW	Cu.-N.
5	Calm	S	SSW	SW	SW	Calm	25.9	46.5	62.8	9.9	145.1	4	Ci.-S. SSW	Cu.	4	Ci.-S.	Cu.-N.SW
6	SSW	Calm	SSW	Calm	Calm	Calm	18.5	51.8	55	21.1	146.4	10	------------	Fr.-N. SW	10	------------	Fr.-N.SW
7	Calm	Calm	SSW	SSW	SSW	SSW	25.2	43.7	83.2	53.4	205.5	10	------------	N. SW	9	Ci.-S. SSW	Fr.-N.
8	SSW	SSW	SSW	WSW	NNW	S	70.8	77	59	34.1	240.9	10	------------	Fr.-N.	10	------------	Cu.-N.WSW
9	Calm	Calm	Calm	SW	Calm	Calm	15.9	23.1	57.3	10.8	107.1	10	------------	Fr.-N. SSW	7	Ci.-S. SW	Cu.-N.
10	Calm	ESE	SW	SSW	SSW	SSW	33.8	38.6	108.9	69.4	250.7	7	Ci.-S. S	S.-Cu.	10	Ci.-S. S	Fr.-N.
11	Calm	Calm	S	SSW	SSW	Calm	34.3	57.1	62.6	21.4	175.4	10	------------	Fr.-N. S	7	Ci.-S. S	Cu.-N. S
12	SSW	Calm	NNW	NNW	NW	Calm	36.7	38.3	71.6	14.7	161.3	1	Ci.	S.-Cu.	1	------------	Cu.-N.
13	Calm	Calm	Calm	NW	Calm	Calm	10.7	26	66.8	9.1	112.6	7	A.-Cu. W	S.-Cu.	2	Ci.	Cu.-N.
14	NW	Calm	NW	W	Calm	Calm	19.5	28	54.7	5.9	108.1	0	Ci.	Cu.	9	------------	Fr.-N. SW
15	Calm	Calm	SW	WSW	Calm	N	12.6	42.4	46.4?	25.7	127.1	1	Ci.-S.	Cu.	5	Ci.-S. SW	Fr.-N.
16	Calm	Calm	WNW	WNW	N	Calm	8.7	28.8	61.4	19.3	118.2	9	Ci.-S.	S.-Cu.	9	------------	Cu.-N.NE
17	Calm	SE	SSW	WNW	NNW	Calm	33.5	53.6	69.5	23.9	180.5	4	Ci.	S.-Cu.	2	Ci.	Cu.-N.
18	Calm	Calm	NW	NW	Calm	Calm	20.9	30.6	44.6	12.6	108.7	0	Ci.	------------	2	Ci.-S.	Cu.-N.NE
19	Calm	Calm	NW	SW	Calm	Calm	9.2	36.5	46.1	8.3	100.1	1	Ci.	S.-Cu.	6	Ci.	Cu.-N.SW
20	Calm	E	SW	WNW	NbyE	Calm	24.4	33.6	70.3	22.3	150.6	8	A.-Cu.	S.-Cu.	7	Ci.-S. NW	Cu.-N. SE
21	SW	Calm	Calm	NW	NWbyN	NNW	33.8	24.7	49.4	31.1	139	9	A.-Cu. E	S.-Cu.	4	Ci.-S. NNW	Cu.-N.
22	Calm	SbyE	SSW	SW	Calm	Calm	18.2	61.2	51.5	3.2	134.1	3	Ci.	Cu.	3	Ci.-S. SW	Cu.-N.
23	NW	Calm	NW	NW	Calm	Calm	21.7	26.9	56	30.9	135.5	1	Ci.	Cu.	7	Ci. SW	Cu.-N.ENE
24	Calm	EbyS	Calm	WNW	NbyE	Calm	23.5	35.6	54.5	23.6	137.2	1	Ci.	Cu.	2	Ci.-S. N	Cu.-N.
25	ESE	SEbyE	SW	WNW	EbyN	Calm	38.3	49.9	66.5	31.4	186.1	1	Ci.	Cu.	5	Ci.-S.WbyN	Cu.-N.
26	Calm	SSE	Calm	WbyS	NNE	ESE	26	32	56.6	33.8	148.4	2	Ci.-S.	Cu.	4	Ci.-S. WNW	Cu.-N.
27	SE	SE	SW	SW	Calm	Calm	46.4	56.9	51.2	5.4	159.9	7	Ci.-S.	Cu.	8	Ci.-S. SW	Cu.-N.SW
28	Calm	SSE	SbyW	WSW	E	SE	35.2	43.3	51	61.5	191	2	Ci.-S.	Cu.	9	Ci.-S.WSW	Cu.-N.
29	SE	SEbyE	Calm	WSW	Calm	Calm	53.9	38	46.7	23	161.6	4	Ci.	Cu.	2	Ci.	Cu.-N.
30	Calm	Calm	NWbyN	NNW	NE	ESE	15.6	34.9	91.1	37.2	178.8	6	Ci.	Cu.	8	Ci.-S. N	Cu.
Mean	------	------	------	------	------	------	26.2	39.5	60.4	22.7	148.8	5.4	------------	------------	6.2	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	4,463.6	----	------------	------------	----	------------	------------

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

OCTOBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.57	60.10	60.65	58.55	58.28	59.44	59.43	25.5	24.3	30.8	31.3	28.5	27.6	28	32.7	23.6	82	89	60	68	78	87	77.3	------
2	58.32	58.47	58.50	56.02	56.28	57.59	57.53	26.4	25	31.6	31.7	28.2	28.2	28.5	32.9	24	85	88	64	62	85	77	76.8	1.3
3	56.11	56.13	56.55	54.14	54.58	55.95	55.58	26.3	26	31	31.5	29.6	27.5	28.6	33	24.8	88	85	69	65	77	86	78.3	------
4	54.83	55.66	56.65	54.81	55.09	56.03	55.51	27	25.6	31.5	31.1	29.1	27.8	28.7	32.8	24.6	77	84	63	65	81	83	75.5	------
5	55.41	55.63	56.05	54.72	54.88	56.06	55.46	26.8	25.5	30.8	31	28.8	28.5	28.6	32.6	24.5	81	86	67	69	76	78	76.2	------
6	55.21	54.95	55.68	53.99	54.23	55.39	54.91	27.4	25.8	31	31.3	28.3	26.7	28.4	32.7	25	81	82	61	58	79	86	74.5	------
7	54.41	54.42	55.40	53.78	53.93	55.51	54.58	26.3	25	31.8	31.8	28.7	27	28.4	33.2	24.4	86	90	59	63	75	86	76.5	------
8	54.23	54.59	55.88	53.91	54.29	55.70	54.77	26.7	25.5	31.7	31.7	28.7	27.7	28.7	33.9	24.8	81	85	58	62	78	85	74.8	------
9	54.64	55	56.14	54.34	54.90	56.35	55.23	25.3	24.9	32.4	31.8	29.1	28	28.6	34	24.2	93	91	52	65	77	83	76.8	------
10	55.50	55.83	56.74	56.02	57.53	59.07	56.78	26.9	25.7	32.3	32.1	26.8	26.5	28.4	34	24.3	83	84	57	60	85	88	76.2	2.8
11	59.37	59.35	59.84	58.80	59.74	60.89	59.66	25.9	25.3	30.3	30.5	28.8	25.8	27.8	32.3	24.6	93	96	77	74	84	89	85.5	.8
12	59.95	59.75	60.27	58.20	58.36	59.42	59.32	25.7	24.8	30.5	30.6	28	26.3	27.6	32	24	84	92	66	69	85	86	80.3	------
13	58.18	58.13	58.20	56.09	56.18	57.18	57.33	25	24.6	30.3	31.7	28.4	27.4	27.9	33.7	23.7	91	91	64	61	83	74	77.3	------
14	56.85	56.81	57.39	55.67	55.79	56.71	56.54	25.5	24.7	31	30.9	29.3	27.2	28.1	32.8	24	84	86	67	66	76	88	77.8	------
15	56.60	56.75	57.38	55.83	56.23	58.30	56.85	26.3	26	29.3	30.6	29.7	25	27.8	32.6	23.3	88	84	79	74	75	95	82.5	155
16	57.61	57.75	58.03	56.70	57.83	59.12	57.84	24.7	25	29.7	30.5	28.8	25.4	27.4	32.3	23.7	96	98	73	72	86	94	86.5	33.8
17	58.12	58.51	59.55	57.08	57.29	58.62	58.20	25.5	25.3	29.6	30.7	27.9	26.2	27.5	31.8	24.5	94	93	77	69	84	90	84.5	------
18	57.70	58.13	58.87	57.15	57.62	58.93	58.07	25.2	24.7	30.8	31	27	26	27.4	32.5	23.7	90	88	67	71	80	90	81	------
19	57.53	57.60	58.55	56.81	57.75	59.23	57.91	25.2	24.3	31.5	31.9	30.3	25.3	28.1	33.3	23.5	90	91	63	66	78	89	79.5	47.2
20	58.22	58.52	59.44	57.33	57.18	58.73	58.24	25.2	25.3	31.5	31.2	29.5	27.4	28.4	32.8	24.1	86	86	65	68	82	89	79.3	------
21	58.20	58.33	58.70	56.31	56.31	57.95	57.63	26	24.9	31.5	30.8	30	27.5	28.4	33.7	24	92	87	70	70	77	87	80.5	------
22	57.10	57.36	57.79	55.77	55.84	57.56	56.90	25.3	24.1	32	31.8	30.3	28.6	28.7	34.1	23.2	85	82	49	54	73	52	65.8	------
23	55.97	55.27	55.65	53.17	52.55	53.08	54.28	26.5	25.5	30.1	31.3	31	30.8	29.2	32.6	24.1	63	71	68	70	50	49	61.8	------
24	50.75	50.39	50.70	47.78	47.88	48.55	49.34	27.7	27.3	29.1	30.1	29.5	31	29.1	31.5	26.5	69	71	63	63	61	50	62.8	------
25	47.53	47.85	48.91	48.51	50.49	52.57	49.31	30.2	30.3	33.6	31.6	29.3	27.2	30.4	37.1	26.5	58	54	51	70	89	87	68.2	.3
26	52.73	53.94	55.40	54.24	55.48	57.18	54.83	26.3	26	30.3	31.2	28.5	27.8	28.4	32.1	25	81	81	76	71	83	87	79.8	------
27	56.67	56.73	57.70	55.48	56.25	57.16	56.66	27.1	25.6	30.1	30.5	27.7	26.5	27.9	32.2	24.7	84	83	71	68	82	84	78.7	------
28	55.86	55.73	55.99	54.27	54.37	54.89	55.18	25.7	25.2	28.8	28	25.6	24.6	26.3	29.7	23.3	82	83	72	71	76	89	78.8	7.3
29	52.22	51.13	49.85	45.17	41.58	39.76	46.62	25.4	23.3	24.2	24.3	-----	-----	24.3	25.8	22.7	85	99	98	97	-----	-----	94.8	243.3
30	39	42.43	48.29	48.67	51.19	53.08	47.11	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	50.3
31	53.04	54.16	56.45	55.13	56.41	58.02	55.54	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1.4
Mean	55.40	55.66	56.49	54.66	55.04	56.26	55.59	26.2	25.4	30.7	30.8	28.8	27.2	28.1	32.6	24.3	83.9	85.5	66.4	67.6	78.4	82.4	77.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	543.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	ESE	Calm	NW	NW	Calm	41.6	37.6	55.8	5.9	140.9	0	Ci.	Cu.	1	Ci.-S. N	Fr.-Cu.
2	SE	Calm	NbyW	NWbyN	Calm	SE	10.7	37.5	70.6	36	154.8	0	Ci.	Cu.	1	Ci.	Cu.
3	Calm	Calm	NWbyN	NWbyW	Calm	Calm	13.7	28.4	40.2	35.7	118	7	Ci.	S.-Cu.	7	Ci. NE	Cu.-N.
4	Calm	Calm	SWbyS	SWbyW	Calm	Calm	30.8	-----	-----	-----	-------	3	Ci.	Cu.	1	Ci.-S.	Cu.-N.
5	ESE	Calm	NW	NW	Calm	Calm	28.8	36.4	-----	-----	-------	0	Ci.	Cu.	2	Ci.-S. NW	Cu.-N.
6	Calm	EbyS	Calm	NW	Calm	Calm	-----	-----	64.1	13.1?	-------	0	------------	Cu.	1	------------	Cu.-N.
7	Calm	Calm	Calm	WSW	NNW	Calm	23.1	21.9	52.6	4.6	102.2	0	Ci.	Cu.	3	Ci.-S. W	Fr.-N.
8	ESE	Calm	Calm	NNW	Calm	Calm	34.6	23.9	55	16.3	129.8	1	Ci.	------------	1	Ci.	Cu.
9	Calm	Calm	Calm	NNW	Calm	Calm	14.3	19.1	60.7	11.5	105.6	3	Ci.	S.-Cu.	7	Ci.-S.	Fr.-Cu.
10	Calm	Calm	Calm	W	NE	Calm	13.4	24.4	69.7	17.4	124.9	4	Ci.	S.-Cu.	8	Ci.-S.	Fr.-N. WSW
11	Calm	Calm	NNW	NWbyN	NNE	Calm	1.9	53.1	67.1	27.9	150	10	Ci.	Cu.	10	Ci. NNE	Fr.-N. NNW
12	ESE	Calm	NNW	WNW	Calm	Calm	28.2	-----	-----	-----	-------	8	Ci. N	S.-Cu.	5	Ci.-S. NW	Cu.-N. NW
13	Calm	Calm	NbyW	NNW	SW	Calm	-----	-----	-----	-----	-------	1	Ci.-S.	Cu.	6	Ci.-S. E	Cu.-N.
14	Calm	EbyS	NNW	NW	Calm	Calm	-----	-----	33.6	1.8	-------	2	Ci.	Cu.	9	A.-Cu. EbyS	Fr.-Cu.
15	Calm	Calm	NW	NW	W	Calm	3.7	19.3	51.8	36.7	111.5	10	A.-Cu. SE	S.-Cu.	8	Ci.-S. E	Fr.-Cu. E
16	Calm	Calm	Calm	WNW	Calm	Calm	2.7	14.2	47.2	26.4	90.5	10	------------	S.-Cu. SSE	7	Ci.-S. WbyS	Cu.-N.
17	Calm	Calm	Calm	NW	Calm	Calm	5.3	8.9	50.2	19.8	84.2	10	A.-Cu.	S.-Cu.	6	Ci.	Cu.-N.
18	Calm	Calm	N	NNW	Calm	Calm	17.5	35.6	94.6	2.9	150.6	2	Ci.	Cu.	3	Ci.-S. N	Cu.-N.
19	Calm	Calm	Calm	SWbyW	Calm	ESE	15.5	19	22	35.1	91.6	1	Ci.	Cu.	5	Ci.	Cu.-N.
20	ESE	ESE	Calm	WbyN	Calm	Calm	38.8	48.3	42.4	11.3	140.8	2	Ci.	Cu.	2	Ci.-S. S	Cu.-N.
21	Calm	Calm	NWbyN	NWbyN	WNW	ESE	11.9	27.9	51.3	22.3	113.4	0	Ci.	Cu.	6	Ci. N	Fr.-Cu.
22	Calm	Calm	NbyE	NW	Calm	NbyE	17.5	54.9	48.3	73.5	194.2	6	Ci.	Cu.	9	Ci. SSW	Cu.
23	NbyE	NNW	NbyW	NNE	NNE	NNE	79.7	98.7	112.5	112.7	403.6	10	Ci.-S. E	S.-Cu. NE	10	A.-Cu.	S.-Cu. E
24	NbyE	NbyE	NNE	NbyE	NbyE	NNE	122.8	132.3	125.7	125	505.8	10	------------	S.-Cu.	10	------------	S.-Cu.
25	ENE	Calm	ENE	WbyS	Calm	Calm	68.9	49.3	39.7	10	167.9	10	Ci.-S.	S.-Cu.	9	Ci.-S. SE	Fr.-Cu.
26	Calm	Calm	NNW	NNW	Calm	Calm	20.4	36.7	70.6	2.2	129.9	9	A.-Cu. SE	S.-Cu.	2	Ci.-S. NW	Fr.-Cu.
27	Calm	Calm	Calm	NWbyN	NbyW	NbyW	7.5	21.4	76.1	36.8	141.8	7	Ci.	S.-Cu.	7	A.-Cu. N	Fr.-Cu.
28	NbyW	NbyE	NbyE	N	NbyW	N	106.5	161.9	234.7	210.8	713.9	10	Ci.	S.-Cu.	10	Ci.-S. NE	Fr.-Cu. NE
29	NNW	NW	NW	NW	WNW	SW	336	372	437.7	446.5?	1,592.2	10	------------	N. NNW	10	------------	N. NW
30	SSW	SSW	SSE	SSE	SSW	SSW	-----	-----	-----	-----	-------	10	------------	N. SSW	10	------------	Fr.-N. SSW
31	SSW	SW	SWbyS	SW	Calm	Calm	-----	-----	-----	-----	-------	10	A.-Cu. E	S.-Cu.	8	A.-Cu. SE	Cu.
Mean	------	------	------	------	------	------	42.1	57.6	83	53.7	246	5.4	------------	------------	5.9	------------	------------

NOTE.—The thermometer—shelter of this station was partly destroyed during the typhoon of the 29th and 30th.

VIGAN.

[$\phi=17°$ 34′ N; $\lambda=120°$ 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

NOVEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.60	58.63	59.19	57.74	58.37	59.62	58.52	25	24.1	28.7	29	26.7	25.8	26.6	30.8	23.2	91	97	76	71	86	93	85.7	------
2	58.91	59.37	59.73	57.57	57.75	58.79	58.69	25	24.8	30	30.4	28	26	27.4	31.8	23.8	93	95	75	71	88	88	85	------
3	57.21	57.02	56.36	52.41	48.82	42.73	52.42	26.8	27.2	29.3	28	27.2	28	27.8	30	24.9	57	59	66	81	73	66	67	------
4	45.22	49.04	52.95	52.83	55.24	57.80	52.18	28.9	27.6	30.6	31.5	29.2	27	29.1	32.9	26.1	65	73	60	55	62	80	65.8	0.5
5	57.72	58.45	59.55	58.03	59	59.89	58.77	24.7	24.5	30.2	30.7	27.9	26.7	27.4	32.3	23.6	93	90	67	66	74	86	79.3	------
6	59.17	58.76	58.98	56.75	57.03	58.98	58.28	25.2	24.3	29.5	29.8	27.5	27	27.2	32.7	23.4	91	93	70	71	86	92	83.8	------
7	58.15	58.32	58.93	57.32	58.03	59.05	58.30	26.1	25.3	30	29.9	27.9	25.3	27.4	32	24.2	91	84	65	67	80	87	79	1.9
8	58.32	58.91	59.64	57.73	58.01	59.22	58.64	24	23.7	29.4	29.3	27.1	26.3	26.6	30.5	22.6	89	90	72	77	86	92	84.3	------
9	58.47	58.81	59.53	57.49	58.06	58.86	58.54	25.6	24.7	30.1	30.4	27.7	26.7	27.5	31.5	23.7	93	92	64	63	83	86	80.2	------
10	57.88	57.71	57.48	55.16	55.29	56	56.59	25.2	24	29.8	33.3	29.7	27.1	28.2	35.4	23	92	83	62	48	57	71	68.8	------
11	54.83	54.90	56.63	56	56.96	58.06	56.23	27.8	26.1	29.5	28.6	26.2	24.5	27.1	30	23.7	61	72	62	77	89	96	76.2	------
12	56.47	57.36	58.63	57.20	58.85	59.55	58.01	24.5	24.2	28.4	30.1	27.2	25	26.6	31	23.5	92	93	76	69	90	85	84.2	5.9
13	58.96	59.07	60.20	57.93	58.55	60.61	59.22	24.3	24	28.3	29.8	27.6	24.7	26.4	30.4	22.5	91	89	77	66	85	92	83.3	13.5
14	59.87	60.71	61.54	58.95	58.62	60.35	60.01	24.6	23.8	28.3	28.2	26.9	26	26.3	30	23	89	94	78	80	89	92	87	------
15	59.93	60.64	61.27	59.34	59.42	59.96	60.09	24.7	24.5	30.8	29.8	27.3	25.8	27.2	32	23.6	93	81	54	66	84	91	78.2	------
16	59.48	59.73	60.82	58.48	58.59	59.79	59.48	24.7	24.5	29.5	28.8	27.3	26.5	26.9	32.1	23.6	93	95	68	72	84	90	83.7	------
17	58.35	58.67	59.50	57.63	58.23	59.63	58.67	25.3	24.8	29.8	32.5	28.3	28	28.1	33.5	23.2	95	92	56	35	52	49	63.2	------
18	59.36	60.85	61.18	58.81	59.29	61.38	60.14	27	25.1	31.3	32	29	27.6	28.7	32.9	24.3	49	46	39	41	45	50	45	------
19	60.90	61.06	61.70	59.33	60.19	61.78	60.83	24.4	23.5	29.5	31	27.1	25	26.8	33.5	22.5	67	75	60	56	72	78	68	------
20	61.11	61.64	61.80	59.18	59.62	60.84	60.70	27.7	24.7	29.3	32.2	29.3	25.4	28.1	33.1	23.6	52	74	59	42	52	77	59.3	------
21	59.94	60.15	60.77	58.03	58.83	59.90	59.60	25.6	24.5	30.3	32.7	28.9	27.5	28.2	33.4	23.5	71	75	59	47	58	62	62	------
22	59.29	58.85	59.61	57.61	58.58	59.98	58.99	25.4	27.9	31.4	32	29.3	26.3	28.7	33.3	23.2	73	54	52	47	47	62	55.8	------
23	59.25	59.12	59.55	57.05	57.64	58.69	58.55	25	24.1	29.3	32.2	28.8	28.8	28	33.5	23.2	70	74	60	48	51	54	59.5	------
24	57.78	57.99	58.24	56.20	56.60	57.35	57.36	24.7	24.2	30.3	30.2	28	26.2	27.3	31.5	23.2	74	82	57	70	77	75	72.5	------
25	56.26	56.88	57.28	54.81	55.39	56.82	56.24	25.5	25	30.7	30.8	28.6	25.8	27.7	32.8	23.6	84	83	64	67	80	81	76.5	------
26	55.65	55.81	56.53	54.44	55.39	57	55.80	24.3	24	29.5	31.1	28	27.4	27.4	32	22.8	89	90	67	62	83	78	78.2	------
27	56.41	56.87	58.16	56.09	56.44	58.07	57.01	26.1	25.8	28.5	29.3	27.5	25.5	27.1	30.5	24.1	87	91	78	74	84	95	84.8	5.8
28	56.63	57.64	58.39	56.57	57.27	58.59	57.52	24.7	24.4	28.8	29.2	26.2	25	26.4	31	23.5	94	95	72	75	79	84	83.2	------
29	57.77	58.27	59.65	57.96	57.84	59.59	58.51	24.5	24.2	25.6	24.2	24.9	24.9	24.7	26.1	23.1	83	85	84	94	84	84	85.7	11.4
30	59.32	60.56	61.49	59.12	58.69	60.35	59.92	24	23.4	23.2	25.8	24.8	25	24.4	28	22.1	87	88	90	74	85	83	84.5	6.9
Mean	57.87	58.39	59.18	57.13	57.55	58.64	58.13	25.4	24.8	29.3	30.1	27.7	26.2	27.2	31.7	23.5	81.6	82.8	66.3	64.4	74.8	80	75	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	45.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
													Amount.	Form and direction.		Amount.	Form and direction.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	-------	----	Calm	----	Calm	----	NNW	3	NbyE	1	Calm	----	2	Ci.	S.-Cu.	7	Ci.	Fr.-Cu.
2	WbyN	1	WNW	1	NW	1	NW	1	Calm	----	Calm	----	7	A.-Cu.	S.-Cu.	0	------------	Cu.
3	ENE	3	NE	2	NbyE	2	NNE	3	NNE	3	N	7	2	Ci. E	S.-Cu.	10	------------	Fr.-N. NE
4	E	2	Calm	----	SbyW	1	SW	3	SSW	3	S	1	10	------------	Fr.-N. SW	10	Ci.-S. S	Fr.-Cu.
5	Calm	----	Calm	----	NNW	1	NW	2	NNW	1	NW	1	1	Ci.	S.-Cu.	1	------------	Fr.-Cu.
6	Calm	----	NW	1	SSW	2	NW	1	Calm	----	SW	1	1	Ci. NE	S.-Cu.	6	Ci. SE	Cu.
7	Calm	----	SSE	1	WbyS	1	NW	2	NNW	1	NNE	1	1	Ci.	Cu.	1	------------	Cu.
8	Calm	----	ENE	1	NNW	2	NW	2	NW	1	Calm	----	0	------------	Cu.	2	Ci.-S. NW	Fr.-Cu.
9	Calm	----	Calm	----	NW	1	NW	2	NNW	1	Calm	----	0	------------	Cu.	6	------------	Fr.-Cu. NE
10	NW	1	N	2	NbyW	2	NE	3	NE	2	N	3	5	Ci. E	S.-Cu.	7	A.-Cu. E	S.-Cu.
11	N	2	N	1	Calm	----	WSW	1	NbyE	2	NW	1	10	A.-S. E	S.-Cu. NE	10	A.-S. E	S.-Cu. S
12	Calm	----	ESE	1	NNW	1	NW	2	WNW	1	Calm	----	10	A.-S. E	S.-Cu.	9	A.-Cu. NE	Cu.
13	Calm	----	WSW	1	NNW	2	NW	3	NNW	1	NW	1	4	Ci.	S.-Cu.	1	------------	Cu.
14	Calm	----	NE	1	NNW	2	NNW	5	N	3	Calm	----	2	Ci.	S.-Cu.	6	Ci.-S. NbyW	Cu.
15	NW	2	ENE	2	NWbyW	3	NW	3	NWbyN	2	Calm	----	0	Ci.	Cu.	2	Ci.-Cu. N	Fr.-Cu.
16	Calm	----	Calm	----	NbyE	2	NW	3	Calm	----	Calm	----	8	Ci.-S. NE	S.-Cu.	8	Ci. E	Cu.-N. NE
17	Calm	----	Calm	----	NNW	3	NNW	4	NNW	2	NNE	3	1	Ci.	S.-Cu.	1	------------	Fr.-Cu.
18	ENE	3	NNE	3	ENE	4	NNE	3	NE	3	ENE	3	0	------------	Cu.	0	------------	Cu.
19	ENE	2	Calm	----	NbyW	3	NNW	3	NbyE	3	NW	3	1	------------	S.-Cu.	4	Ci.-S. E	Fr.-Cu. E
20	NbyE	3	NbyW	3	NbyW	4	NE	5	NE	4	NNW	2	1	Ci.	S.-Cu.	1	------------	Fr.-Cu. E
21	NNW	3	NNW	3	NbyW	3	NbyE	5	NbyE	5	NbyE	3	0	------------	Cu.	0	Ci.-S. E	Fr.-Cu. E
22	NNE	4	NNE	5	NbyW	4	NNE	5	NE	5	NNW	3	6	Ci.-S. EbyN	S.-Cu.	6	Ci.-S. E	Fr.-Cu. E
23	NNW	3	NW	3	NbyW	3	NE	4	NNE	4	NE	5	1	------------	S.-Cu.	3	Ci.-S. E	Cu.
24	NbyW	3	NbyW	3	NbyW	4	NNW	4	NWbyN	2	NbyE	3	8	A.-Cu. E	S.-Cu. NE	6	A.-Cu. E	Fr.-Cu. NE
25	NNW	3	NbyE	2	W	2	NbyW	5	Calm	----	NNW	2	1	Ci.	S.-Cu.	4	------------	Fr.-Cu. E
26	Calm	----	Calm	----	NNW	2	NNW	3	Calm	----	Calm	----	0	------------	Cu.	1	------------	Cu.
27	Calm	----	Calm	----	NWbyN	2	NW	2	NbyW	2	Calm	----	10	------------	N.-cf. NE	9	------------	Fr.-N. NW
28	NW	2	Calm	----	NWbyN	3	NbyW	5	NbyW	4	NNW	4	5	Ci.-S. N	S.-Cu.	2	------------	Fr.-Cu. E
29	NNW	3	NNW	2	NbyW	2	NW	2	NbyW	4	NNW	2	4	Ci.-S. NE	S.-Cu. NE	10	------------	N.-cf.
30	NE	3	Calm	----	NbyW	3	NNW	2	NbyW	4	NbyW	2	10	------------	N.-cf.	10	------------	N.-cf. NE
Mean	-------	1.5	-------	1.3	-------	2.2	-------	3	-------	2.1	-------	1.7	3.7	------------	------------	4.8	------------	------------

VIGAN.

[φ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

DECEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.74	59.85	60.75	58.23	59.35	60.70	59.77	23.8	23.2	26.8	29.8	27.9	27.3	26.5	31.2	22.2	87	88	76	63	58	71	73.8	0.1
2	59.65	59.82	60.80	58.49	59.34	60.43	59.76	26.9	23.9	29	31.1	28.1	26	27.5	32.7	22.8	72	76	70	59	67	76	70	------
3	58.93	59.24	59.85	57.83	58.34	59.77	58.99	23.2	23.5	29.6	31.8	27.8	27	27.2	32.6	21.2	86	75	67	44	64	53	64.8	------
4	59.12	58.97	59.91	57.37	57.80	59.22	58.73	26	27	28.5	31.6	26.8	25.1	27.5	33	24.3	55	60	54	44	75	75	60.5	------
5	58.24	58.32	58.88	57.01	57.40	58.41	58.04	23.9	23.5	29.8	29.2	26.9	26.3	26.6	32.3	21.5	77	77	67	74	78	72	74.2	------
6	57.90	57.46	58.08	55.01	55.07	55.58	56.52	25.9	22.5	29.3	29.1	27.2	24.5	26.4	31.3	21.7	64	82	64	64	73	83	71.7	------
7	53.58	52.72	53.53	50.95	50.71	50.38	51.98	25	25.8	26.2	27.3	26.3	27.3	26.3	28.1	23.2	88	88	85	84	76	65	81	.1
8	49.01	49.85	51.98	51.29	52.50	53.71	51.39	29.7	29.8	30.6	28	26.9	25.8	28.5	31.2	25	67	51	44	79	88	84	68.8	------
9	52.76	54.15	55.40	54.70	56.18	57.26	55.08	25.7	24.4	31.2	31	28.7	26	27.8	32.5	23.2	78	84	58	59	76	79	72.3	------
10	57.31	57.42	58.66	57.21	57.91	58.82	57.89	24.6	24.2	28.3	28.8	27	24.6	26.2	30	23.2	91	91	79	75	84	95	85.8	1.4
11	57.24	57.07	58.51	56.52	56.52	58.05	57.32	24.3	24.8	25.5	26.4	25.5	25	25.2	27	23	95	92	96	86	88	92	91.5	2.4
12	56.82	56.81	57.81	55.70	56.66	57.37	56.86	25.2	24.3	29.1	28.8	26.7	25.3	26.6	31.2	23.1	82	89	71	76	86	93	82.8	------
13	56.37	56.49	57.84	55.36	55.98	57.20	56.54	24.4	23.4	28.3	28.4	26.2	24.8	25.9	30.1	22.6	92	96	76	77	82	85	84.7	------
14	56.92	57.19	58.22	55.70	56.05	57.77	56.98	23.6	24.7	27.1	27.8	25.5	25	25.6	29.2	23	95	91	86	87	89	90	89.7	------
15	57.43	57.83	58.95	56.63	57.61	58.33	57.80	24.1	23.5	28.7	29.6	26.3	24.5	26.1	31	22.3	91	91	80	62	82	83	81.5	------
16	58.17	58.67	59.59	57.17	57.83	59.59	58.50	24.3	23.1	29.4	30.4	27.8	26.5	26.9	31.3	22.2	89	92	59	63	79	71	75.5	------
17	59.37	59.97	61.01	58.42	58.44	60.15	59.56	24.6	24.3	25.7	27	24.4	23	24.8	29.8	22.1	87	89	81	73	78	77	80.8	------
18	59.73	60.08	61.10	58.95	59.62	61.60	60.18	23	22.7	27	29.5	26.6	24.2	25.5	30.4	21.3	74	74	59	44	47	59	59.5	------
19	60.60	60.30	61.89	59.14	59.61	60.97	60.42	25.2	25	27.2	29.3	26.2	24.5	26.2	30.3	22.4	49	50	53	53	59	66	55	------
20	60.40	61.02	61.86	59.49	60.19	61.66	60.77	25.1	22.8	29	29	27.2	26.8	26.6	30.7	22	56	76	53	60	78	52	62.5	------
21	60.95	61.27	62.49	60.24	60.41	61.82	61.20	23.2	22.5	27.6	29	25.9	24.2	25.4	30.5	20.7	75	78	58	58	78	78	70.8	------
22	60.71	60.37	61.66	58.76	59.76	61.19	60.41	22.5	22.1	26.2	29.5	27	26.3	25.6	31.3	21.2	82	86	75	58	56	74	71.8	------
23	60.09	60.36	61.69	59.28	60.19	61.43	60.51	25.5	23.7	28.5	30.3	27	25.8	26.8	31.9	22.5	74	77	72	42	73	76	69	------
24	60.16	60.77	61.58	59.45	60.05	61.01	60.50	24.8	22.2	29.3	28.7	26.5	24.5	26	31.1	20.5	77	79	51	52	67	77	67.2	------
25	60.24	60.51	61.55	58.78	59.37	60.31	60.13	24.9	23	27.6	28.8	26.3	25.7	26	30.5	21.7	62	74	63	55	73	68	65.8	------
26	59.85	59.93	60.33	58.34	58.67	59.47	59.43	26.2	25.3	28.8	29.2	27	26.8	27.2	30.6	23	65	70	51	54	76	59	62.5	------
27	58.76	59.31	59.45	56.23	57	57.46	58.04	23.8	23.6	28.8	30.5	28	27.5	27	31.3	22.2	84	86	56	56	74	70	71	------
28	56.50	56.98	58.28	55.90	57.11	57.50	57.04	25.5	24.8	30	29.5	26.7	25.5	27	31	23.5	80	81	65	67	86	90	78.2	------
29	56.78	57.27	58.20	56.60	57.82	58.98	57.61	24	23.7	28.8	29	26.2	25.5	26.2	30.4	22.7	91	93	75	73	86	88	84.3	------
30	58.57	58.74	59.85	57.80	58.26	58.61	58.64	23.8	23.6	28.7	29.2	27.4	26.6	26.6	30.4	22.7	95	95	71	73	85	87	84.3	------
31	58.51	58.93	60.58	58.54	58.32	59.42	59.05	25	24.8	29.8	26.8	26.8	25.2	26.4	30.3	23.5	93	86	72	83	90	95	86.5	40.9
Mean	58.08	58.31	59.36	57.13	57.74	58.84	58.25	24.8	24.1	28.4	29.2	26.8	25.6	26.5	30.8	22.5	79.1	81.2	67.3	64.4	75.8	76.9	74.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	44.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NbyW	NbyW	NNW	NNE	NE	NE	90.7	103.6	150.5	130.6	475.4	10	------------	Fr.-N. N	7	A.-Cu. N	Fr.-Cu.
2	NNE	NNW	NW	W	Calm	NbyW	111	59.8	55.7	62	288.5	5	Ci.-S. N	S.-Cu. N	3	Ci.	Cu.
3	Calm	NWbyN	N	NNW	Calm	NNE	46.5	92	65.2	92.8	296.5	0	Ci.	S.-Cu.	8	Ci.-S. W	Fr.-Cu.
4	N	NE	NWbyN	NbyE	SW	Calm	139.4	69	70.6	24.3	303.3	0	Ci.	------------	1	Ci.-S.	Cu.
5	Calm	Calm	NE	NW	Calm	NE	23	54.7	60.2	71.8	209.7	3	Ci.	S.-Cu.	4	Ci.	Cu.
6	NNE	Calm	EbyN	NW	Calm	NbyW	53.6	57.3	71.1	100.4	282.4	6	Ci.-S. NE	S.-Cu.	6	Ci. SE	Fr.-Cu.
7	N	NbyE	N	NbyW	NbyE	N	144.3	202.4	219.6	192.9	759.2	10	------------	Cu.-N. NE	10	------------	Cu.-N. NE
8	NE	NEbyE	ESE	W	Calm	NbyW	143.2	98.5	54.9	23	319.6	9	Ci.-S.	S.-Cu. E	10	A.-S.	S.-Cu.
9	Calm	NNW	NW	NW	Calm	NW	25.4	39.7	56.8	51.8	173.7	4	Ci.	S.-Cu.	4	Ci. S	Cu.
10	NW	NNE	WNW	NW	NW	Calm	42.4	44	112.7	21.5	220.6	6	Ci.-S. N	S.-Cu. N	5	Ci.-S. N	Cu.-N. NW
11	Calm	Calm	Calm	Calm	Calm	Calm	19.9	23.9	27.7	20.4	91.9	10	------------	S.-Cu. N	10	------------	S.-Cu.
12	SW	NEbyN	Calm	WNW	Calm	Calm	42.4	36.7	64.6	27.9	171.6	10	Ci.-S.	S.-Cu.	8	Ci.-S. NE	Fr.-Cu.
13	Calm	NNE	NNW	NNW	NNW	NNW	21.1	33.3	167.3	89	310.7	4	Ci.	S.-Cu.	6	Ci.-S. N	Fr.-Cu. NNW
14	NbyW	NbyW	NbyW	N	NbyW	NNW	65.8	87.7	160.9	99	413.4	10	------------	S.-Cu. N	10	------------	S.-Cu. NE
15	NbyW	NbyW	NNW	NbyW	NWbyN	Calm	95.3	62.5	116.2	30.4	304.4	3	Ci.-S. S	S.-Cu.	3	Ci.	Fr.-Cu.
16	Calm	Calm	NWbyW	NNW	Calm	E	22.3	40.2	60	44	166.5	1	Ci.	S.-Cu.	8	Ci.-S. N	Cu.
17	NbyW	NWbyN	N	N	N	NbyW	39.4	181.3	244.6	130.6	595.9	4	Ci.-S.	S.-Cu. NW	3	Ci. N	Cu. N
18	NNW	NNW	NNW	NNE	NE	NE	94.8	101.1	101.6	103.2	400.7	5	Ci.	S.-Cu.	9	Ci.	Fr.-Cu.
19	ESE	ESE	NNW	NNW	NE	NWbyN	109.6	94.4	108.4	74.6	387	4	A.-Cu. SW	S.-Cu.	1	Ci.	Cu.
20	NNE	Calm	WNW	NNW	Calm	NbyW	51.2	54.1	82.4	65.7	253.4	2	Ci.	S.-Cu.	1	Ci. SW	Fr.-Cu.
21	Calm	Calm	WNW	NWbyN	NNW	NNW	21.5	87.6	111	70.8	240.9	2	Ci.	S.-Cu.	7	Ci.-S. SW	Cu.
22	NNW	NNW	NbyW	NNE	NNW	NNE	92.5	157.2	129	125.2	503.9	0	------------	Cu.	1	Ci. SW	Cu.
23	NNE	NNW	NNE	ENE	NE	NE	72.6	83.1	102.4	97.2	355.3	1	Ci.-S.	Cu.	9	Ci.-S. W	Cu.
24	ENE	Calm	SbyW	NW	Calm	Calm	75	41	51.5	23.1	190.6	1	Ci.-S.	S.-Cu.	8	Ci. SW	Fr.-Cu. SW
25	NEbyN	N	Calm	NWbyN	NW	Calm	48.1	41.6	91.4	24.6	205.7	6	A.-Cu. SW	S.-Cu.	1	------------	Fr.-Cu.
26	N	Calm	NNW	NW	Calm	ENE	87.9	40.4	51.8	33.8	213.9	1	------------	S.-Cu.	9	Ci.-S.	Cu.
27	Calm	Calm	NbyW	NWbyW	Calm	Calm	28.7	47.2	75.6	32	183.5	1	Ci.	------------	2	Ci. SW	Cu.
28	E	NbyW	Calm	NW	NWbyN	Calm	54.4	42.8	91.1	28.2	216.5	0	Ci.	Cu.	1	------------	Cu.
29	Calm	ESE	NWbyN	NW	NbyW	NNW	27.9	48.9	137	89.8	303.6	3	Ci.-S.	S.-Cu. NE	5	Ci.-S. N	Fr.-Cu. N
30	Calm	NbyW	NNW	NWbyN	NNW	SWbyS	36.4	55.3	125.2	25.2	242.1	2	Ci.	S.-Cu.	2	Ci. SW	Fr.-Cu.
31	Calm	ESE	SWbyW	Calm	NW	Calm	26.4	55.2	33.8	17.5	132.9	1	Ci.	S.-Cu.	10	------------	Fr.-N. SE
Mean	------	------	------	------	------	------	63	70.5	98.4	65.3	297.2	4	------------	------------	5.5	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	9,213.3	---	------------	------------	---	------------	------------

TUGUEGARAO.

[φ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

JANUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.82	62.26	63.24	60.32	60.54	61.92	61.52	21	20.4	23.5	32.3	26.7	23	24.5	32.9	19.3	89	92	87	55	86	87	82.7	------
2	62.02	62.84	63.76	60.45	60.86	61.92	61.98	21.6	21	27.2	31	25.6	21.8	24.7	32.7	20.1	89	93	73	56	78	87	79.3	------
3	62.02	62.43	64.31	61.57	62.45	63.89	62.78	19.6	18.6	25.5	31.1	25.1	21.2	23.5	32.2	18	94	94	77	55	70	87	79.5	------
4	63.66	64.21	64.98	62.71	63.23	64.23	63.84	18.4	17	26	28	26.1	24.5	23.3	29.6	16.6	91	96	72	61	71	82	78.8	------
5	63.37	63.58	64.02	60.90	61.29	62.23	62.56	23.6	22.3	28	33.6	28.7	25.1	26.9	34.4	21.7	86	90	70	50	63	84	73.8	------
6	61.57	62.37	62.91	59.77	60.61	61.49	61.45	22.5	21.2	28.4	32	27.1	24.7	26	34.2	20.8	92	96	75	57	77	86	80.5	3.3
7	60.46	61.01	62.37	60.25	61.16	62.37	61.27	23.4	23.3	25.5	26.7	23.4	22.3	24.1	27.8	21	97	92	83	64	72	77	80.8	------
8	61.63	62.41	63.92	61.62	62.24	63.54	62.56	21.1	20.5	25.4	27.5	24	22.7	23.5	29.3	19.8	85	87	66	61	81	83	77.2	------
9	62.37	63.39	65.04	61.95	62.27	63.83	63.14	21.8	21.5	26.5	30.1	24.4	21	24.2	31.7	19.6	90	91	70	62	79	97	81.5	------
10	62.53	63.24	64.74	61.56	62.10	63.31	62.91	19.3	18.7	25.5	31	27.8	24	24.4	32	18.1	97	95	76	62	67	81	79.7	------
11	62.82	63.07	64.47	61.35	61.78	63.07	62.76	21.2	20.2	27.6	31.9	26.3	23.5	25.1	33.5	19.5	91	98	69	55	74	79	77.7	------
12	62.17	62.64	63.89	61.55	62.15	63.99	62.73	20.8	19.9	26.2	32.2	26.5	23.5	24.8	33.3	19.4	90	97	72	57	73	76	77.5	------
13	63.89	64.38	65.44	63.27	63.92	65.73	64.44	21.2	20.5	26.1	31.4	25.2	23.6	24.7	33	20	91	93	77	48	73	82	77.3	------
14	65.69	65.87	66.95	65.28	65.35	66.52	65.94	21.7	21.4	24.5	25	23	20.5	22.7	26.6	20	94	91	79	73	79	93	84.8	4.6
15	66.20	66.30	67.80	65.14	65.32	66.56	66.22	19.9	19.8	24.7	25.1	24	22	22.6	28.6	19.6	91	90	73	70	76	82	80.3	------
16	65.91	66.29	67.35	64.98	65.32	66.33	66.03	20.2	19	25	29.4	25.5	22.4	23.6	31.1	17.5	88	92	73	56	65	88	77	1.5
17	66.08	66.49	67.98	65.23	65.71	66.63	66.35	22	21.5	23.6	27	23.5	21.2	23.1	28.1	20.4	90	90	84	63	84	91	83.7	------
18	65.83	66.23	66.85	64.26	64.35	64.75	65.38	20.9	21	24.3	29.5	25.9	22.2	24	31	20.3	94	95	77	63	78	86	82.2	------
19	64.04	64.04	64.16	60.93	61.97	63.17	63.05	19.8	18.8	26.8	32.5	27.1	22.4	24.6	33.6	18.3	91	96	67	54	69	91	78	------
20	62.20	62.59	63.29	60	60.84	62.07	61.83	22.3	22.4	25.4	32.4	25.8	22	25	33	20.8	91	91	81	49	70	91	78.8	------
21	61.89	62.32	63.41	60.35	60.96	62.69	61.94	21.3	21.5	25.5	31.7	27.5	23	25.1	33.6	20.5	94	94	76	47	66	84	76.8	------
22	62.65	63.29	64.46	61.60	62.35	63.26	62.94	20.4	20.1	26.5	30.3	27.2	23.6	24.7	32.6	19	96	93	73	66	63	86	79.5	------
23	63	63.37	64.38	61.55	62.66	64.05	63.17	22	20.6	27.4	31	25.6	22.6	24.9	31.5	19.5	91	94	61	47	64	78	72.5	------
24	63.45	63.56	64.82	62.67	63.47	64.47	63.74	21.4	20.7	24	25.2	22.4	21.1	22.5	26.3	19.5	94	98	82	70	93	94	88.5	------
25	64.25	64.43	65.67	62.98	63.29	64.17	64.13	20.7	20.5	24.4	28	25	22.2	23.5	29.1	20.3	94	95	78	65	80	92	84	7.9
26	63.40	63.53	64.42	62.24	62.15	63.23	63.16	21.6	21.8	23.8	26.4	25.8	24	23.9	29	21	95	95	91	86	84	86	89.5	1
27	62.10	62.53	63.32	60.43	60.25	62.12	61.79	21.9	20	27.1	33	29.5	23.7	25.9	34	19.9	96	95	76	49	61	84	76.8	------
28	61.52	61.73	63.26	60.64	61.42	62.99	61.93	22.4	20.8	26.8	31.2	26	23	25	31.6	20.4	95	96	72	53	72	89	79.5	------
29	62.38	62.94	64.20	62.69	62.83	63.87	63.15	22.1	21.2	23	23.1	23.5	22	22.5	24	20.3	93	96	87	94	90	91	91.8	1.8
30	63.27	63.20	64.49	62.33	62.46	63.78	63.26	21.1	21	24.3	27.8	26.5	23	24	30.2	20.6	95	95	77	65	70	91	82.2	------
31	62.88	62.71	63.67	60.47	60.72	62.19	62.11	21.3	19.9	25.9	32.5	27.4	23.6	25.1	33.8	19.6	93	96	77	50	69	86	78.5	------
Mean	63.10	63.52	64.63	61.97	62.45	63.69	63.23	21.2	20.6	25.6	29.7	25.7	22.8	24.3	31.1	19.7	92.2	93.7	75.8	60.1	74.1	86.2	80.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	20.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	S	1	SW	1	Calm	----	NW	2	4	------------	S.-Cu.	2	------------	Fr.-Cu. S
2	Calm	----	Calm	----	S	1	S	1	N	1	Calm	----	8	------------	S.-Cu. SE	6	------------	Cu. S
3	Calm	----	Calm	----	S	1	NW	1	NW	1	Calm	----	0	------------	------------	5	------------	Cu. S
4	Calm	----	Calm	----	S	1	SE	2	Calm	----	Calm	----	0	------------	------------	10	------------	S.-Cu. SE
5	SE	1	S	1	SE	1	S	1	Calm	----	Calm	----	8	------------	S.-Cu. SW	4	------------	Fr.-Cu. SW
6	Calm	----	Calm	----	S	1	N	1	NW	1	NW	2	7	------------	S.-Cu. SE	6	------------	Cu. NE
7	NW	1	NW	2	N	5	NNE	3	NW	4	NE	3	7	------------	S.-Cu. N	4	------------	Cu. N
8	N	1	NW	1	NE	1	Calm	----	N	2	Calm	----	8	------------	S.-Cu. W	8	------------	S.-Cu. SW
9	Calm	----	Calm	----	WNW	1	SE	1	NW	1	Calm	----	9	------------	S.-Cu. SE	5	------------	Cu. S
10	Calm	----	Calm	----	SE	1	SW	2	S	1	Calm	----	0	------------	------------	7	------------	Cu. S
11	Calm	----	Calm	----	S	2	SE	1	Calm	----	N	1	6	------------	S.-Cu.	6	------------	Cu. S
12	NE	1	Calm	----	N	1	Calm	----	NNW	1	NW	2	7	------------	S.-Cu. SE	6	------------	Cu. S
13	Calm	----	Calm	----	Calm	----	N	2	NW	3	NW	5	7	------------	S.-Cu. SE	6	------------	Cu. SE
14	NW	3	NW	2	N	1	N	4	NE	3	NW	4	8	------------	Cu.-N. E	8	------------	Cu.-N. NE
15	N	2	NW	2	Calm	----	NE	3	Calm	----	Calm	----	6	------------	S.-Cu. E	8	Ci.-S.	Cu.-N. E
16	Calm	----	Calm	----	S	2	NE	2	N	1	NW	2	6	------------	S.-Cu. SE	8	------------	Cu. S
17	NW	1	Calm	----	NW	1	NW	1	NW	2	NW	4	10	------------	N. N	7	A.-Cu. E	Cu.-N. N
18	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	8	------------	Cu.-N.	8	------------	Cu. S
19	Calm	----	Calm	----	SSE	2	S	2	N	3	NW	2	1	------------	S.	4	------------	Fr.-Cu. S
20	N	1	Calm	----	Calm	----	NW	1	N	2	NW	1	10	------------	Cu.-N. N	5	------------	Cu. N
21	S	1	SE	1	SW	1	SSW	1	NE	1	Calm	----	10	------------	Fr.-N.	4	------------	Cu. S
22	Calm	----	Calm	----	Calm	----	N	2	N	1	NW	2	1	------------	S.-Cu.	7	------------	Cu. N
23	NW	1	Calm	----	NE	2	NW	3	N	4	NW	4	8	------------	S.-Cu. NE	5	------------	Cu. N
24	NW	3	NW	3	N	3	NE	4	N	2	NNW	3	10	Ci.-Cu. N	S.-Cu. NE	10	------------	Cu.-N. NE
25	NW	2	Calm	----	Calm	----	NE	1	NE	1	Calm	----	8	------------	S.-Cu.	10	------------	Cu.-N. NW
26	Calm	----	Calm	----	S	1	E	2	ESE	1	Calm	----	10	------------	N. SW	10	------------	Cu.-N. SW
27	Calm	----	Calm	----	SE	1	S	2	SW	1	SE	1	2	A.-Cu.	S.	6	------------	Cu. SW
28	Calm	----	Calm	----	NE	1	NE	2	N	2	N	3	10	A.-S.	S.	4	------------	Cu. N
29	N	2	NE	1	Calm	----	Calm	----	NW	1	NE	1	8	------------	Cu.-N. NE	10	------------	Cu.-N. NE
30	Calm	----	Calm	----	NE	1	Calm	----	SW	1	Calm	----	10	------------	S.-Cu.	6	------------	Cu.-N. S
31	Calm	----	Calm	----	S	1	SE	1	N	1	NW	1	5	------------	S.-Cu.	6	------------	Cu. S
Mean	-------	0.6	-------	0.4	-------	1.1	-------	1.5	-------	1.4	-------	1.4	6.5	------------	------------	6.5	------------	------------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

FEBRUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.88	62.43	63.63	60.98	61.01	62.19	62.02	22	22.2	27	33.5	29.1	23.6	26.2	34.4	21.6	97	93	63	45	65	86	74.8	------
2	61.39	61.46	61.97	59.40	59.22	60.69	60.69	21.9	21.6	28	33	29.6	24.3	26.4	34.3	21.1	95	95	67	50	58	80	74.2	------
3	59.91	60.23	61.08	58.39	58.61	60.47	59.78	21.6	20.5	28.4	33.5	29.5	24.4	26.3	34.5	20	90	95	68	41	56	90	73.3	------
4	59.62	60.38	62.02	59.37	59.96	60.65	60.33	22.1	20.3	24.2	31.7	28	24.4	25.1	33.1	19.3	95	90	84	49	67	84	78.2	------
5	60.99	61.98	63.12	59.80	60.25	61.67	61.30	24	23.5	29.1	33.4	28.4	24.5	27.2	34.8	21.5	82	82	65	39	65	82	69.2	------
6	60.71	61.50	62.78	60.41	60.57	61.29	61.21	22	21	24.8	27.5	26	24.3	24.3	28.4	20.9	89	95	83	73	72	86	83	------
7	60.44	50.92	61.90	58.93	59.39	61.26	60.47	23	22.7	28	33.7	30.4	24.7	27.1	34.8	21.8	90	93	58	40	48	76	67.5	------
8	61.01	61.65	62.90	60.27	60.23	62.05	61.35	21.3	19.4	28.4	34.4	30.7	24.4	26.4	35.3	18.6	84	92	58	50	53	85	70.3	------
9	62.02	62.62	63.81	60.93	60.55	61.72	61.94	21.8	21.4	28	34.5	30	23.7	26.6	35.5	19.6	87	87	66	39	49	69	66.2	------
10	61.35	61.91	62.52	59.03	59.15	61.05	60.84	20.3	17.4	27.2	34.9	30.5	25.1	25.9	36.1	16.1	75	83	55	34	50	76	62.2	------
11	60.26	60.68	61.67	58.73	59.15	61.16	60.28	21.5	19.4	29.5	35.2	29.3	25.4	26.7	37	18.8	84	91	59	41	61	84	70	------
12	60.79	60.99	62.22	59.96	60.12	61.67	60.96	24.4	24.6	28.5	32.8	26.7	24	26.8	33.5	23.3	83	87	70	49	67	84	73.3	------
13	61.47	61.62	63.51	60.37	60.05	61.54	61.43	23.6	22.7	27	32.5	27	24.6	26.2	34	22.2	85	87	71	50	65	78	72.7	------
14	61.29	61.88	63.90	61.03	61.84	63.67	62.27	23.4	21.8	29	32	28.4	25	26.6	35.1	21.2	83	87	64	49	64	88	72.5	------
15	63.31	63.87	64.73	61.89	62	63.67	63.24	24.4	21.8	29.5	33.6	29	23.7	27	36	21.2	90	93	60	37	58	82	70	------
16	63.25	63.62	64.57	61.25	60.95	62.41	62.68	21.9	21.8	27.8	34.2	29	23	26.3	35.5	20.6	92	87	66	39	55	80	69.8	------
17	61.87	62.46	63.47	60.58	60.52	62.07	61.83	22.1	19	27.5	33	27.4	23.8	25.5	34.8	18.5	85	88	64	40	64	85	71	------
18	61.72	61.89	63.35	60.47	60.30	62.48	61.70	22	21	27.8	32.5	27.8	24.6	26	34.7	19.9	89	87	65	46	62	75	70.7	------
19	62.29	62.67	63.89	60.93	62.27	63.68	62.62	23.1	21.5	27.4	33.8	25	22.4	25.5	34.1	20.6	86	96	68	40	68	86	74	------
20	62.74	62.91	63.98	61.05	61.87	63.53	62.68	21.9	19	26.2	30.7	25.6	23.4	24.5	33	18.5	92	98	66	50	66	80	75.3	------
21	62.78	63.34	64.49	62.67	62.83	63.59	63.28	22.9	22	27.8	26.4	24.8	23.4	24.6	29.5	21.4	83	84	67	66	77	84	76.8	2.3
22	62.57	63.37	64.73	62.07	61.63	63.24	62.94	22.2	21.8	24.8	29.2	27.8	24.4	25	32	21	98	99	88	70	82	92	88.2	------
23	62.69	62.83	63.62	60.59	60.92	63.15	62.30	22.6	20.2	28.6	34.6	28.7	25.5	26.7	36.1	19.7	93	94	64	34	52	69	67.7	------
24	62.31	62.93	63.80	60.97	61.13	63.26	62.40	24.2	23.6	30.5	35	29.1	25	27.9	37.1	22.4	77	80	60	31	57	78	63.8	------
25	62.88	63.66	64.41	60.90	60.40	62.62	62.48	21.3	19.5	28.2	34.7	31	24	26.4	36	19.1	84	89	52	23	39	74	60.2	------
26	62.05	62.96	64.04	60.78	59.93	62.06	61.97	19.6	18	27	34.9	30.6	22.3	25.4	36.8	17.1	82	92	59	31	39	76	63.2	------
27	61.50	62.14	63.61	60.39	60.10	62.72	61.74	18.4	18.3	27.3	33.6	29.8	23.6	25.2	36	17.3	84	81	53	48	67	63	66	------
28	62.89	63.59	65.14	62.85	62.67	64.50	63.61	21.7	20.7	26.4	27	23.5	22	23.6	30.1	20.2	72	89	66	60	73	78	73	------
Mean	61.71	62.23	63.39	60.54	60.63	62.29	61.80	22.2	21	27.6	32.7	28.3	24.1	26	34.4	20.1	86.6	89.8	65.3	45.1	60.7	80.4	71.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	NW	2	SSE	1	SW	1	SE	1	NW	2	WNW	2	8	------------	Cu.-N. S	5	------------	Cu. W
2	S	1	Calm	----	SE	1	S	1	NW	1	NE	1	10	------------	N.	7	------------	Cu. W
3	SE	1	SE	1	SE	2	SE	1	Calm	----	SE	1	10	------------	S.-Cu. S	2	------------	Fr.-Cu. S
4	SE	1	SE	1	SE	1	NE	2	NE	1	NW	2	0	------------	------------	3	Ci.	Fr.-Cu.
5	SE	1	Calm	----	Calm	----	SE	1	NW	1	NW	1	10	------------	S.-Cu. NE	8	------------	Cu. SW
6	S	1	Calm	----	Calm	----	N	2	N	1	NW	2	10	------------	S.-Cu.	10	------------	Cu.-N. NE
7	W	1	SE	1	SE	1	S	2	SE	1	Calm	----	6	------------	S.-Cu. SE	2	------------	Fr.-Cu.
8	S	1	Calm	----	SSW	2	S	1	Calm	----	W	1	6	------------	S.-Cu.	2	------------	Fr.-Cu.
9	SW	1	SE	1	SE	1	SE	2	SE	1	NW	1	7	------------	Fr.-N. S	5	------------	Fr.-Cu. S
10	Calm	----	Calm	----	SE	1	SE	5	SE	2	Calm	----	0	------------	------------	0	------------	------------
11	Calm	----	Calm	----	S	1	SW	1	N	2	NE	2	0	------------	------------	6	------------	Cu. S
12	Calm	----	Calm	----	N	1	N	2	NW	2	NE	1	8	------------	S.-Cu. N	4	------------	Cu. N
13	Calm	----	Calm	----	Calm	----	NW	2	NW	1	Calm	----	7	------------	S.-Cu. SW	6	------------	Cu. W
14	SW	1	Calm	----	SE	1	SW	1	NE	1	Calm	----	6	------------	S.-Cu. E	8	------------	Cu. S
15	Calm	----	Calm	----	SE	1	NE	1	N	2	NW	1	2	------------	Fr.-S.	4	------------	Cu. N
16	SE	1	Calm	----	SW	1	S	1	N	1	NW	1	8	------------	S.-Cu. S	6	------------	Fr.-Cu. W
17	Calm	----	Calm	----	SE	1	S	1	NE	3	NW	2	0	------------	------------	2	------------	Fr.-Cu.
18	SE	1	Calm	----	SE	1	SE	1	NE	2	NE	2	3	------------	S.	7	------------	Cu. E
19	NW	1	NW	1	NE	1	NE	1	N	4	N	3	6	------------	S.-Cu. N	8	------------	Cu. W
20	NE	1	N	1	N	1	NE	1	NW	2	NNE	4	8	------------	S.-Cu.	8	------------	Cu. E
21	Calm	----	Calm	----	Calm	----	NE	2	NW	2	NW	1	8	------------	Cu.-N. E	10	------------	N.
22	Calm	----	Calm	----	Calm	----	N	1	NW	2	NE	1	10	------------	N.	7	------------	Cu. WSW
23	SE	1	Calm	----	E	2	S	4	SE	2	Calm	----	3	Ci.	S.	6	------------	Cu. SW
24	Calm	----	Calm	----	SE	1	SSE	1	N	1	Calm	----	10	------------	S.-Cu. SE	6	------------	Cu. S
25	S	1	S	2	SSW	1	SW	1	S	1	Calm	----	0	------------	------------	0	------------	------------
26	SE	1	SE	1	SE	1	S	1	Calm	----	E	1	1	------------	Fr.-S.	0	------------	------------
27	S	2	SE	2	SE	1	NE	1	NE	1	NW	2	0	------------	------------	2	------------	Fr.-Cu.
28	N	1	Calm	----	NE	3	NE	5	NW	3	NE	3	7	------------	S.-Cu. N	8	------------	Cu.-N. N
Mean	------	0.8	------	0.4	------	1	------	1.6	------	1.5	------	1.2	5.5	------------	------------	5.1	------------	------------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

MARCH, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	63.70	63.91	65.59	62.65	61.68	63.87	63.57	21.3	20.5	25.7	30.1	27.5	23.5	24.8	32	20.1	82	88	73	54	62	80	73.2	------
2	63.25	63.88	65.39	62	61.75	63.68	63.32	21	18.2	27.5	33.7	28.6	24.4	25.6	35.6	18	81	98	61	47	54	74	69.2	------
3	63.07	63.38	64.35	60.83	59.89	63.45	62.50	24	23	29.2	36.5	31.3	25.6	28.3	37.3	22.6	78	81	57	43	46	69	62.3	------
4	62.98	63.57	64.83	61.95	61.91	63.88	63.19	22.5	20.5	29.7	35.6	30.5	25.8	27.4	38.5	20	77	87	57	41	57	75	65.7	------
5	63.37	64.21	64.35	61.12	61.05	63.22	62.89	24.6	23.2	29.4	35.4	30	25	27.9	38.5	22.1	80	85	59	40	59	76	66.5	------
6	62.87	63.31	63.60	60.43	60.03	62.20	62.07	22.4	18.6	30.1	35.5	31.7	26.6	27.5	36.8	18	83	85	51	40	45	67	61.8	------
7	61.81	62.15	63.30	60.16	60.35	62.92	61.78	23.7	19.9	29.5	35	29.5	25	27.1	37.7	19.5	81	90	55	37	65	83	68.5	------
8	62.99	63.48	64.78	61.95	62.14	65.15	63.42	22.5	20.5	29.4	34.3	28.2	24.7	26.6	35.5	20.3	87	91	58	43	63	86	71.3	------
9	64.31	64.53	64.91	61.28	61	63.91	63.32	22.1	21.1	29.4	35.1	27.2	26.1	26.8	37.6	21	88	90	61	42	63	67	68.5	------
10	63.47	63.95	64.56	60.90	61.78	64.30	63.16	23	22.4	30.5	34.6	30	26.5	27.8	37.5	21.4	75	76	49	40	53	68	60.2	------
11	63.11	63.67	64.47	60.50	60.19	62.17	62.35	25.4	24.2	30	33	28.2	26	27.8	35.8	23.6	82	88	64	53	61	73	70.2	------
12	60.77	61.19	62.11	57.83	57.16	59.71	59.80	23.8	23.8	29.6	36.6	31.1	26.1	28.4	37.8	22.6	83	81	55	36	53	73	63.5	------
13	59.07	60.66	61.26	58.19	59.57	61.67	60.07	25	22.5	30.5	35.1	27	24	27.4	37.2	22	81	87	57	41	66	79	68.5	------
14	61.19	62.37	64.32	61.67	63.13	64.92	62.93	23.4	22.5	25.6	29.4	24.1	23	24.7	30.2	21.7	85	90	77	52	73	80	76.2	------
15	64.40	64.97	66.41	63.70	63.53	64.99	64.67	22	21.8	25.6	28.2	25.4	22.8	24.3	29.6	21.2	90	91	64	57	70	82	75.7	------
16	64.09	63.77	64.38	60.88	60.12	62.20	62.57	22.3	22	28	32.7	29.6	24	26.4	34.6	21.6	83	83	59	49	56	80	68.3	------
17	61.25	61.59	62.52	59.78	61.42	63.69	61.71	21.9	20.6	29	33.3	26	23	25.6	35.3	19.8	84	89	62	54	67	84	73.3	------
18	63.43	63.83	65.19	63.20	64.19	65.34	64.20	21.3	21	26.7	27	22.7	21.5	23.4	29.4	20.5	95	88	58	54	72	74	73.5	------
19	64.37	64.77	65.64	63	63.37	64.92	64.34	21.5	21.5	24.4	28.2	26.7	22.4	24.1	29.5	20.8	74	77	65	56	58	84	69	------
20	64.52	64.29	64.77	61.95	61.58	63.35	63.41	22	21.6	27.7	28.9	25.6	23.2	24.8	32.4	21.3	84	82	65	51	64	75	70.2	------
21	62	62.30	63.17	60.03	60.38	62.16	61.67	22	20	28.5	34.2	26.7	25.4	26.1	35.2	19.5	79	83	57	40	61	68	64.7	------
22	61.21	61.20	62.37	59.53	60.15	62.18	61.11	24.4	22.2	28.5	34.7	26.4	24.6	26.8	37.6	21.8	78	85	62	45	82	87	73.2	0.8
23	61.49	61.81	62.92	59.86	60.18	63.03	61.55	22.6	21.6	30.2	34.7	30.6	26	27.6	37.2	21.1	90	91	61	43	59	78	70.3	------
24	62.18	62.72	63.57	60.14	60.94	63.03	62.10	24.9	24.1	31	36.3	29.5	26	28.6	38.2	24	83	83	58	41	65	75	67.5	------
25	62.04	62.58	63.40	60.32	60.80	62.25	61.90	24.5	23.8	30	34	27.2	25.4	27.5	35	23.5	83	86	62	42	61	74	68	------
26	60.85	61.72	63.10	61.34	61.67	63.63	62.05	24.3	23.6	28	29.5	25.3	22.6	25.6	31.2	21.9	79	81	61	53	64	82	70	------
27	63.12	63.17	64.54	62.55	62.44	64.49	63.38	22	21.5	27.5	28.5	24.2	22.3	24.3	29.5	21.2	85	87	64	54	71	73	72.3	------
28	63.52	63.78	64.77	61.39	60.47	63	62.82	21.8	20.6	27	31.6	30.4	25	26.1	35.3	20	75	83	66	56	60	77	69.5	------
29	62.19	62.19	63.32	60.05	61.70	63.84	62.22	24.2	22.4	30.2	36	25.3	23.7	27	38.3	22.1	87	81	50	40	76	85	69.8	1
30	62.52	63.19	64.42	62.02	61.80	63.36	62.88	23.2	23.2	27.2	29.6	28	23.3	25.8	32.6	22.7	89	91	72	59	64	93	78	.5
31	62.03	61.79	62.42	59.39	59.45	61.63	61.12	23.2	23.4	28	35.7	31.4	25.6	27.9	38.1	22.7	92	90	62	44	52	83	70.5	------
Mean	62.62	63.03	64.02	60.99	61.16	63.29	62.52	23	21.8	28.5	33	27.9	24.5	26.5	35.1	21.2	83	86.1	60.7	46.7	62	77.5	69.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	NE	1	NE	2	Calm	----	SW	1	NW	1	Calm	----	6	----------	S.-Cu. N	7	----------	Cu. S
2	Calm	----	Calm	----	S	1	WSW	1	N	3	NW	1	4	Ci. S	----------	6	Ci.	Cu. N
3	Calm	----	Calm	----	SE	2	SE	2	S	1	Calm	----	8	----------	S.-Cu. E	5	Ci. NW	Cu. SW
4	SW	1	S	1	ESE	1	SE	1	N	2	N	1	4	Ci.	S.	5	Ci.	Cu. S
5	NW	1	Calm	----	SE	1	NE	1	N	1	S	1	10	----------	Cu.-N. N	6	----------	Cu.
6	Calm	----	SE	1	S	2	S	3	SE	1	SE	2	0	----------	----------	4	----------	Cu. SE
7	S	1	Calm	----	Calm	----	NE	1	N	3	NW	3	0	----------	----------	1	----------	Fr.-Cu.
8	Calm	----	Calm	----	S	1	N	1	N	3	NW	3	0	----------	----------	6	----------	Cu. NE
9	SE	1	Calm	----	S	1	S	1	SSW	1	NW	1	0	----------	----------	4	----------	Fr.-Cu. S
10	NW	1	SE	1	SW	1	Calm	----	NW	2	NW	3	7	----------	S.-Cu. W	7	----------	Cu. NW
11	Calm	----	NE	1	N	1	NE	3	N	2	Calm	----	10	----------	S.-Cu. N	6	----------	Cu. N
12	Calm	----	SE	1	SE	2	S	1	NE	1	Calm	----	2	----------	S. S	6	----------	Cu. W
13	S	1	Calm	----	N	1	NW	1	N	6	NW	3	6	Ci.	S.	8	----------	Cu. W
14	N	2	NE	1	NE	3	N	4	NW	6	NW	3	7	----------	S.-Cu. NE	5	----------	Cu. N
15	NW	4	NW	3	NE	3	N	3	NE	1	N	1	10	----------	Cu.-N. NE	8	----------	Cu.-N. N
16	NW	1	W	1	S	1	SE	2	SSW	2	N	1	10	----------	S.-Cu.	4	----------	Cu. S
17	SE	1	Calm	----	SW	1	N	4	N	4	N	6	0	----------	----------	5	----------	Cu. W
18	NW	4	NW	3	NW	3	N	4	NW	3	NW	2	6	----------	S.-Cu.	9	----------	Cu.-N. N
19	N	2	Calm	----	WNW	1	NE	2	NW	5	NW	3	10	----------	Cu.-N. SW	10	----------	Cu.-N. W
20	NNW	3	N	1	NW	1	N	1	NW	2	NW	2	4	----------	S.-Cu. N	4	----------	Fr.-Cu. S
21	Calm	----	Calm	----	WSW	1	ESE	1	N	2	Calm	----	0	----------	----------	6	----------	Cu. SW
22	Calm	----	Calm	----	S	1	SE	2	NE	1	Calm	----	6	----------	S.-Cu. S	7	----------	Cu. SE
23	Calm	----	Calm	----	S	1	SE	1	N	2	NW	5	2	----------	S.	6	----------	Cu. W
24	NW	2	SE	1	SE	2	NNW	1	NE	3	NE	3	8	----------	Cu.-N. SE	6	----------	Cu. W
25	NE	2	NW	1	NW	3	NW	3	NW	2	NW	3	7	----------	S.-Cu. NE	6	----------	Cu. N
26	N	1	N	2	NE	4	NE	5	N	4	NW	5	8	----------	S.-Cu. NW	7	----------	Cu. N
27	NW	4	N	2	WNW	1	NE	2	NNE	1	NW	2	7	Ci.-Cu.	Cu.-N. NE	10	----------	Cu.-N. S
28	S	1	Calm	----	SE	1	SE	1	Calm	----	Calm	----	8	----------	Cu.-N. SE	7	----------	Cu. SE
29	SE	2	Calm	----	S	3	SE	1	N	2	NW	2	4	Ci.-Cu.	N.-cf.	8	----------	Cu. WNW
30	Calm	----	Calm	----	SW	1	NE	2	NE	2	NW	1	10	----------	N.	8	----------	Cu.-N. W
31	NW	1	Calm	----	SE	2	SE	1	NW	2	NW	1	8	----------	S.-Cu. SE	4	----------	Cu. S
Mean	-------	1.2	-------	0.7	-------	1.5	-------	1.8	-------	2.3	-------	1.9	5.5	----------	----------	6.2	----------	----------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

APRIL, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.82	60.80	61.02	57.59	58.75	60.54	59.92	24.9	23.8	29.5	38.2	26.4	25.8	28.1	39.6	23.1	85	91	65	41	79	90	75.2	12.7
2	59.37	59.55	60.35	57.51	58.67	60.75	59.37	24.4	23.6	29.7	36.5	24.4	23.5	27	37.2	22.8	93	95	71	43	87	90	79.8	27.7
3	60.16	60.37	61.45	58.26	58.55	60.92	59.95	22.7	22.4	28.5	35.5	31.2	25.6	27.6	37.6	22.1	97	98	74	44	64	89	77.7	10.9
4	60.37	60.52	60.86	58.26	59.63	61.50	60.19	24.4	24.4	29.8	34.6	29.7	26.6	28.2	36.6	23.8	93	91	73	50	75	86	78	------
5	61.15	61.23	61.86	59.23	60.12	61.91	60.92	25.6	24.4	30.1	36.5	29.5	26.8	28.8	37	24	88	93	71	43	66	86	74.5	------
6	61.32	62.05	62.73	58.79	58.61	60.97	60.74	25.3	24.6	32	38	32.5	26.7	29.8	89.7	24.3	91	95	58	37	53	80	69	------
7	60.79	62.02	62.91	60.37	62.39	63.50	62	25	23.3	30.3	33.6	28	24.5	27.4	36	22.9	83	90	63	53	63	85	72.8	-----
8	62.57	63.01	63.88	60.38	60.27	63.10	62.20	24	22.4	28.5	33.5	28.8	25.5	27.1	36.3	22.2	92	93	66	53	69	89	77	------
9	61.82	62.84	63.60	60.22	60.58	62.71	61.96	24.6	24.4	30.8	36.6	32.8	27.7	29.5	38.4	23.7	95	94	58	38	48	67	66.7	------
10	61.92	62.72	63.36	59.76	59.18	61.94	61.48	23.5	22	31.5	37.7	33.5	27.7	29.3	39	21.5	79	88	48	39	48	67	61.5	------
11	60.95	61	61.55	58.44	59.11	61.84	60.48	24.4	23.1	32	38.2	31.7	27.6	29.5	40.3	22.7	82	84	54	35	57	79	65.2	------
12	61.30	61.58	62.38	58.95	58.89	62.62	60.95	25.2	25	31.7	39	33.5	27.7	30.4	41.1	23.5	88	88	51	29	49	72	62.8	------
13	62.43	62.66	63.58	60.53	60.38	63.05	62.10	25.1	23.2	32	39.5	33.5	27.7	30.2	41.1	22.8	77	82	53	33	42	64	58.5	------
14	61.95	62.25	63.01	59.85	59.12	61.57	61.29	24.2	21	32	38.6	32	27	29.1	41.6	20.6	75	83	46	30	51	78	60.5	------
15	60.84	61.19	61.55	58.25	57.77	60.45	60.01	24.1	22.4	32	37.5	32.5	26.7	29.2	40.7	22	95	82	51	33	50	76	64.5	------
16	59.96	60.59	61.25	57.46	56.98	60.25	59.42	24.8	23.7	31.4	37	32.4	27.5	29.5	40	23.5	90	85	55	30	49	73	63.7	------
17	59.52	59.49	59.43	56.29	57.35	59	58.51	26.6	24.1	31.7	37.6	30	25.8	29.3	40	23.5	79	86	48	30	65	85	65.5	14.7
18	58.60	59.54	60.17	57.34	57.45	60.37	58.91	24.6	24.4	30.7	34.4	30.1	27.2	28.6	37	24	92	91	67	45	59	78	72	------
19	59.87	60.79	61.40	58.60	58.70	61.27	60.10	24.6	22.8	32.4	38.2	33.4	27.4	29.8	39.9	22.3	83	88	48	38	45	71	62.2	------
20	61.10	61.82	62.36	60.57	60.20	62.22	61.38	24.6	22.9	32.3	33.7	32.5	27.7	29	38.4	22.6	79	87	46	44	47	76	63.2	------
21	61.52	62.12	62.66	59.46	58.63	62.10	61.08	24.2	22.4	31.4	37	33.2	27.7	29.3	39.1	22.1	85	88	49	36	49	69	62.7	------
22	61.25	62.22	63.07	60.73	59.84	62.37	61.58	25.7	24.3	28.7	33.8	32.6	27	28.7	37.2	23	73	76	59	46	42	66	60.3	------
23	61.62	62.57	63.66	60.53	60.95	63.16	62.08	25.4	23	30.3	35	30.4	25.4	28.2	37.4	22.7	74	85	53	39	48	68	61.2	------
24	62.63	63.62	63.94	61.22	61.18	63.17	62.63	22.1	21	30.5	32.5	29.6	25.1	26.8	35.4	20	83	83	50	42	50	83	65.2	------
25	62.33	62.86	63.68	60.70	60.37	62.28	62.04	23.6	23	26.5	30	27.7	25.2	26	35.4	22.2	90	93	79	59	62	78	76.8	2.3
26	61.39	61.86	62.22	59.23	58.92	61.02	60.77	23.6	23	29.8	36.6	32.4	27	28.7	38.6	22.5	97	94	55	38	50	74	68	1.8
27	59.62	60.65	60.94	58.44	57.73	60.89	59.71	25	24	32.5	37.5	33.5	27.8	30	39.6	23.1	94	92	50	39	45	68	64.7	------
28	60.14	60.41	60.95	58.09	57.88	60.53	59.67	24.1	22.1	32.2	38.8	33.2	27.4	29.6	41	21.9	79	81	53	33	51	73	61.7	------
29	60.38	60.54	60.63	57.36	57.67	59.72	59.38	26.4	24.4	32.2	37.4	28.1	27.4	29.3	39.5	23.6	80	88	55	41	77	84	70.8	14.2
30	59.37	59.37	59.97	56.65	57.67	59.57	58.77	26.1	25.2	31	37.7	29	27.8	29.5	39.6	25	88	92	63	36	72	82	72.2	------
Mean	60.90	61.41	62.01	58.97	59.12	61.51	60.65	24.6	23.3	30.8	36.4	30.9	26.7	28.8	38.7	22.8	86	88.5	57.7	39.9	57.1	77.5	67.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	84.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SSW	1	S	1	SSW	1	E	1	SE	1	Calm	----	5	A.-Cu. W	S. S	6	Ci. E	Cu. S
2	SE	1	SE	1	S	2	S	1	NNW	1	Calm	----	5	----------	S.-Cu. S	6	----------	Cu.-N. W
3	SE	1	S	1	SE	1	Calm	----	NW	2	Calm	----	4	Ci.-Cu. S	----------	5	Ci.-Cu.	Fr.-Cu.
4	SSW	1	Calm	----	S	1	SW	1	NW	2	NW	1	10	A.-S.	----------	8	Ci.	Cu.
5	SW	1	Calm	----	S	1	NE	1	NW	2	Calm	----	5	----------	N.-cf. S	6	----------	Cu. W
6	Calm	----	Calm	----	SW	2	S	1	NE	1	NW	1	8	----------	Cu.-N. S	1	----------	Fr.-Cu.
7	Calm	----	S	1	NE	1	N	4	N	3	W	1	8	----------	S.-Cu. S	3	----------	Fr.-Cu.
8	Calm	----	Calm	----	WSW	1	NW	1	NNW	1	Calm	----	8	----------	S.-Cu. SW	7	----------	Cu. W
9	S	1	Calm	----	S	2	SE	3	Calm	----	SE	1	0	----------	----------	3	----------	Fr.-cu. SW
10	Calm	----	Calm	----	SSW	1	SE	3	S	1	SW	2	0	----------	----------	2	----------	Fr.-Cu.
11	SE	1	S	1	SE	2	SSE	2	N	3	N	1	0	----------	----------	1	Ci.	----------
12	S	1	Calm	----	S	1	S	2	N	1	Calm	----	0	----------	----------	2	----------	Fr.-Cu.
13	SE	1	Calm	----	S	2	SW	1	E	1	E	1	0	----------	----------	4	----------	Cu. S
14	Calm	----	Calm	----	SW	1	S	1	ENE	1	Calm	----	0	----------	----------	0	----------	----------
15	Calm	----	Calm	----	S	1	ESE	1	N	1	Calm	----	0	----------	----------	0	----------	----------
16	Calm	----	Calm	----	SE	1	Calm	----	NW	2	NE	1	7	----------	S.-Cu.	5	Ci.	Cu. S
17	SE	1	SSE	1	S	3	SE	2	N	4	Calm	----	6	----------	N.-cf.	3	Ci.	Fr.-Cu.
18	SE	1	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	8	----------	Cu.-N. SE	9	----------	Cu.-N. S
19	Calm	----	Calm	----	SE	1	Calm	----	S	2	Calm	----	0	----------	----------	6	----------	Cu. E
20	Calm	----	Calm	----	S	2	SE	1	Calm	----	Calm	----	0	----------	----------	8	----------	Cu.-N. S
21	Calm	----	Calm	----	SE	2	SW	1	SE	2	Calm	----	0	----------	----------	6	----------	Cu. E
22	Calm	----	Calm	----	Calm	----	Calm	----	ENE	1	Calm	----	8	----------	S.-Cu. S	8	----------	Cu.-N. SE
23	Calm	----	Calm	----	SE	1	Calm	----	NW	1	W	1	4	----------	S.-Cu.	5	----------	Cu. E
24	Calm	----	Calm	----	SW	1	SW	1	NW	1	NW	1	10	A.-S.	S. NE	7	----------	Cu.-N. E
25	Calm	----	Calm	----	SE	1	NE	1	NE	1	Calm	----	8	----------	S.-Cu. NE	8	----------	Cu.-N. E
26	SE	1	Calm	----	SE	1	SE	1	SE	1	Calm	----	5	Ci.-Cu.	N.-cf. N	7	----------	Cu. S
27	Calm	----	Calm	----	S	1	S	2	S	1	Calm	----	1	----------	Cu.	5	----------	Cu. E
28	Calm	----	Calm	----	SE	1	SE	1	N	1	E	1	0	----------	----------	4	----------	Cu.
29	Calm	----	SE	1	SE	1	NE	1	NW	1	NW	3	3	Ci.	N.-cf.	7	Ci.-Cu.	Cu. S
30	Calm	----	Calm	----	S	1	NW	1	N	2	NE	2	0	----------	----------	4	Ci.-S.	Cu.
Mean	-------	0.4	-------	0.2	-------	1.2	-------	1.2	-------	1.4	-------	0.6	3.8	----------	----------	4.9	----------	----------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

MAY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.45	58.67	59.31	55.76	56.63	58.83	57.94	26.9	26.2	30.8	37	29.4	27.6	29.6	39.5	26	86	90	69	39	72	82	73	1.3
2	58.42	58.16	58.42	55.40	56.53	59.33	57.54	26.2	25.8	31.1	36.6	29.5	27.4	29.4	39	25.6	90	93	65	42	68	78	72.7	------
3	58.11	58.42	58.66	55.66	56.24	58.83	57.65	25.8	25.4	30.2	36	30.4	25.7	28.9	38.7	24.7	87	88	65	40	55	81	69.3	------
4	57.75	57.74	57.90	55.28	55.97	57.82	57.08	25	23.8	30.3	35	26.6	26	27.8	38.4	23.4	84	93	66	46	83	87	76.5	2.5
5	57.45	58.34	58.99	56.75	57.65	60.78	58.33	25.7	24.6	30.6	34.1	28.8	23.5	27.9	35.8	23	86	92	65	52	67	96	76.3	21.6
6	59.29	59.69	60.38	58.30	59.16	60.57	59.56	23.6	23.8	28	32	28.2	25	26.8	34.8	23	97	94	82	63	70	89	82.5	3.6
7	59.15	59.60	60.43	57.54	58.97	60.27	59.33	23.7	23.4	28.4	34	27.6	25	27	35.1	22.6	97	97	73	54	76	88	80.8	------
8	59.03	59.44	60.20	58.20	58.10	59.29	59.04	24.1	23.4	28.4	32.4	30.2	26	27.4	34.2	23.2	91	95	73	50	52	76	72.8	------
9	58.73	59.41	59.66	57.19	57.03	58.89	58.48	24.2	25.2	31	35.5	32.1	28.6	29.4	37.2	23	90	82	59	40	54	63	64.7	------
10	58.11	58.29	58.60	55.76	56	57.90	57.44	25.2	23.5	31.8	37.1	31.3	27.7	29.4	40.1	23.3	82	87	56	36	58	76	65.8	------
11	57.49	57.99	58.34	55.21	55.90	58.36	57.22	26.9	25.8	32.5	36.4	31.4	28.5	30.2	39	25.4	82	88	55	43	59	74	66.8	------
12	57.85	58.40	58.96	55.91	56.18	59.57	57.81	26.7	25.6	32.5	38.2	31	27.7	30.3	40.4	25.2	80	93	61	32	59	84	68.2	1.8
13	58.62	58.29	58.57	55.55	54.75	57.35	57.19	25.7	25.3	30.7	36.6	33.5	28.5	30	39.6	25	93	93	71	39	56	72	70.7	------
14	57.23	57.19	56.92	53.48	54.86	57.14	56.14	25.3	25	33	38.2	33.5	30	30.8	39.5	24.8	92	92	57	38	50	65	65.7	------
15	56.54	57.25	58.38	56.48	56.77	58.52	57.32	24.5	24.4	28.7	32.1	29.7	27.1	27.8	36.3	24.3	93	90	68	60	73	83	77.8	------
16	57.78	58.10	58.40	56.71	57.18	59.78	57.99	25.3	25	30.7	29.3	27.2	25.4	27.2	37	24.5	94	93	67	73	83	90	83.3	5.8
17	58.51	58.36	59.49	56.70	58.57	60.09	58.62	24.6	24	28	34	24.7	25.5	26.8	35	23.7	93	95	79	56	95	91	84.8	14.7
18	58.26	58.90	59.11	56.73	59.54	60.84	58.90	24.5	24.5	30.6	35	25.4	24.7	27.4	35.9	23.9	99	97	72	50	93	94	84.2	16.8
19	59.25	59.40	59.72	57.45	57.88	59.63	58.89	24.1	24.7	26.8	33.5	26.5	24.1	26.6	35.2	23.1?	93	95	87	59	80	94	84.7	52.1
20	58.15	58.84	58.82	56.06	56.39	58.59	57.81	24.3	24.2	28	31	29.2	24.8	26.9	33	23.5	93	95	79	69	74	96	84.3	15.7
21	57.10	57.14	57.73	55.09	57.18	58.27	57.08	24.3	24.4	29	33.5	24.8	24.8	26.8	35.5	23.9	97	97	78	55	98	98	87.2	10.7
22	56.76	57.04	57.63	55.77	56.70	58.76	57.11	24.1	24	27.5	31.5	28.8	26.6	27.1	32.5	23.6	97	96	85	66	80	87	85.2	------
23	56.69	57.89	57.70	55.29	56.32	59.13	57.17	24.5	24.6	29.2	34.6	29.3	24.5	27.8	36.4	24	98	97	78	59	74	91	82.8	23.9
24	58.38	58.43	59.10	57.08	57.02	59.32	58.22	24.6	24.7	29.3	30.4	29	27.2	27.5	35.5	24	92	94	79	77	79	87	84.7	2.5
25	58.81	58.99	59.56	57.60	57.80	60.06	58.80	26.3	25.8	30.8	32.8	29.5	27	28.7	35.8	25.1	90	93	67	62	77	83	78.7	------
26	59.04	58.97	58.98	56.48	58.93	59.89	58.72	26	25.5	31.3	35.4	24	24.1	27.7	38	22	88	93	59	48	98	98	80.7	69.1
27	57.96	58.04	58.38	56.70	57.37	58.99	57.91	23.9	24	29	34.3	29	26.7	27.8	36.2	23.4	99	97	81	61	71	90	83.2	------
28	57.57	58.54	58.40	57.90	58.19	58.84	58.24	25.7	25.5	29.7	28.8	25.7	24.6	26.7	32	24.1	94	98	77	79	88	93	88.2	------
29	58.19	58.39	58.97	56.85	57	58.56	57.99	24.3	24.1	28.6	33	30.3	27.1	27.9	34.5	23.5	95	95	82	61	72	90	82.5	------
30	57.73	57.54	57.26	55.28	55.05	56.40	56.54	25.8	25.6	30.7	34.6	29.7	27.4	29	35.6	25	96	93	71	54	76	84	79	.8
31	55.92	56.25	56.84	54.43	54.48	56.46	55.73	26.2	25.4	30.1	34.5	30.7	27.6	29.1	36	24.6	88	93	69	55	67	85	76.2	------
Mean	57.98	58.31	58.70	56.28	56.98	58.94	57.86	25.1	24.7	29.9	34.1	28.9	26.3	28.2	36.5	24	91.5	93.2	70.8	53.5	72.8	85.3	77.8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	242.9

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	S	1	S	1	NE	1	N	2	NE	1	8	----------	S.-Cu. S	8	----------	Cu.-N. N
2	Calm	----	Calm	----	S	1	NE	1	NE	4	N	2	5	----------	Cu.-N. SE	6	----------	Cu. SW
3	SE	1	SE	1	SE	2	SW	1	NW	3	Calm	----	8	----------	Cu.-N. E	8	----------	Cu.-N. NW
4	SSE	1	SE	1	SSE	1	S	1	N	4	N	2	6	A.-Cu.	N.-cf. SW	9	----------	Cu.-N. WSW
5	Calm	----	Calm	----	S	1	SSW	1	NW	2	NW	1	4	Ci.	N.-cf.	8	----------	Cu.-N. NW
6	SW	1	Calm	----	Calm	----	NE	1	SE	1	Calm	----	6	Ci.-Cu.	Cu.-N. S	10	----------	Cu.-N. NE
7	Calm	----	W	1	Calm	----	Calm	----	SE	1	N	1	6	----------	Fr.-S.	7	----------	Cu.-N. E
8	Calm	----	Calm	----	Calm	----	SW	1	Calm	----	Calm	----	8	Ci.-S.	Cu.-N.	10	----------	Cu.-N. E
9	SW	1	Calm	----	SW	3	S	1	Calm	----	Calm	----	8	----------	S.-Cu. S	7	Ci.	Cu.
10	S	1	S	1	SSE	2	NW	1	NE	3	NW	2	0	----------	----------	4	Ci.-S.	Fr.-Cu.
11	Calm	----	Calm	----	SW	1	S	1	NE	2	NW	2	2	----------	S.-Cu.	6	----------	Cu. W
12	SE	1	SSE	1	SSE	1	S	1	N	3	NW	2	5	Ci.	----------	7	----------	Cu. W
13	Calm	----	S	1	S	1	Calm	----	N	2	Calm	----	3	Ci.	Fr.-S.	7	Ci.	Cu. NE
14	Calm	----	Calm	----	S	1	SW	1	NE	1	NE	2	4	Ci., Ci.-S.	Fr.-S.	7	Ci.-S.	Fr.-Cu.
15	SW	2	S	1	Calm	----	N	3	NE	2	NE	3	10	----------	N.	8	----------	Cu.-N.
16	Calm	----	Calm	----	SE	1	NW	1	NW	2	NW	3	8	----------	Cu.-N. S	8	----------	Cu.-N. W
17	SE	1	SE	1	S	1	SE	1	SE	2	Calm	----	7	A.-Cu.	N.-cf. S	8	Ci.-S.	Cu.-N. SW
18	Calm	----	S	1	S	1	SE	2	Calm	----	Calm	----	10	----------	Cu.-N. S	7	Ci.-S.	Cu.-N. S
19	Calm	----	Calm	----	SE	1	N	1	SE	2	S	1	10	----------	N.	5	Ci.-S.	Cu.-N.
20	Calm	----	Calm	----	SE	1	SSE	1	N	1	SE	1	8	----------	Cu.-N.	7	Ci.-S.	Fr.-N.
21	Calm	----	Calm	----	S	2	NE	1	Calm	----	NW	1	8	----------	N.	4	Ci.	Cu.
22	SE	1	SE	1	Calm	----	Calm	----	NE	1	Calm	----	10	----------	N.	8	Ci.-S.	Cu.-N. SW
23	SE	1	SE	1	SE	2	Calm	----	N	1	N	3	5	Ci.	N.-cf.	5	Ci.	Cu.
24	S	1	Calm	----	SSE	1	NE	1	E	1	Calm	----	10	----------	Cu.-N. S	8	----------	Cu.-N. S
25	SE	1	SE	1	SE	1	SE	2	Calm	----	Calm	----	5	A.-Cu. W	Cu.-N. S	8	Ci.-S.	Cu.-N. NE
26	Calm	----	S	1	SE	1	SE	1	NW	1	SE	1	7	Ci.	S.-Cu. SE	4	----------	Cu. S
27	S	1	SE	1	S	1	SSW	1	N	3	NW	1	8	----------	Cu.-N. S	6	Ci.-S.	Fr.-Cu.
28	Calm	----	SE	1	SE	1	NE	1	Calm	----	Calm	----	8	Ci.	S.-Cu.	9	----------	Cu.-N. W
29	Calm	----	Calm	----	SE	1	N	1	N	1	NW	1	8	----------	N.-cf.	7	Ci., Ci.-S.	Fr.-Cu.
30	NW	1	S	1	SSW	1	Calm	----	NE	1	Calm	----	5	Ci.	N.-cf. SW	10	Ci.-S.	Cu.-N. W
31	Calm	----	Calm	----	S	1	Calm	----	WNW	1	NE	1	8	Ci.	S.-Cu.	7	Ci.-S.	Fr.-Cu.
Mean	-------	0.5	-------	0.5	-------	1	-------	0.9	-------	1.5	-------	1	6.7	----------	----------	7.2	----------	----------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

JUNE, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.56	57.45	58.26	56.74	57.81	60.07	57.82	26.1	25.2	30.8	34.5	27.6	27	28.5	36.4	25	90	93	70	54	85	87	79.8	4.6
2	59.98	60.09	60.65	57.93	60.09	60.88	59.94	24.8	24.1	29.3	35	26.1	25.5	27.5	36.8	23.6	94	94	76	52	93	93	83.7	12.7
3	60.48	60.88	60.88	57.96	58.21	60.38	59.80	24.3	24	28.9	33.1	30.8	27.4	28.1	36.5	23.5	93	92	73	60	80	85	80.5	------
4	59.41	59.48	59.61	56.86	58.20	58.88	58.74	25.7	25.6	30.4	35.6	24.9	24.6	27.8	36.7	23.9	95	93	78	54	83	87	81.7	------
5	58.39	58.61	58.99	56.99	57.35	59.01	58.22	24.4	24	29.3	35.2	31.1	25.3	28.2	36.4	23	91	96	69	51	61	96	77.3	------
6	58.99	59.70	59.71	57.88	57.83	60.35	59.08	24.5	24.4	30.8	36.6	32.8	27.8	29.5	38	24.3	97	97	68	42	56	76	72.7	------
7	59.98	60.56	60.32	57.78	57.80	59.79	59.37	24.5	23.8	30.6	37.4	31	28	29.2	38	23.2	87	86	62	42	65	82	70.7	------
8	58.80	59.27	59.51	56.29	56.10	58.35	58.05	25.2	24.4	31	35.6	33	28.4	29.6	38.4	23.8	90	89	65	48	49	75	69.3	------
9	57.27	57.54	57.97	55.73	56.21	57.92	57.11	26.3	24.4	30.8	36.4	29.5	26.7	29	39.1	24	81	88	59	43	58	75	67.3	------
10	56.57	57.59	57.86	56.26	57.72	58.67	57.44	25.2	24.4	31.5	30	26	25.6	27.1	36.8	23.5	84	88	66	62	81	84	77.5	------
11	57.92	58.42	58.53	56.16	56.09	59.22	57.72	24.4	24.2	29.5	35.5	31.4	27.5	28.8	38.5	24	92	94	73	49	60	79	74.5	1.5
12	58.42	57.57	58.65	56.33	57.85	59.57	58.06	26.6	24.8	31	35.1	29.6	27.4	29.1	36.7	24.3	86	93	69	49	64	80	73.5	------
13	58.39	58.47	58.78	56.96	57.48	59.83	58.32	25.5	25.4	31.3	36.8	29	25.6	28.9	38	24.8	88	89	61	42	72	93	74.2	2.8
14	58.72	58.80	58.75	56.93	56.88	59.20	58.21	25	24.7	31	36.4	32.2	28	29.6	37.8	24.3	95	95	58	44	61	79	71.5	------
15	57.69	58.89	59.08	57.88	58.18	60	58.62	25.6	24.5	32.8	35	30.8	28	29.4	36.4	23.7	89	89	58	49	72	79	72.7	3
16	59.11	59.83	60.05	58.60	58.18	60.68	59.41	26	24.9	31.5	36.8	35	28.4	30.4	38.6	24.3	89	92	62	42	49	75	68.2	------
17	60.32	60.07	60.04	57.76	57.53	59.84	59.26	26.1	25	32.3	37	33	28.8	30.4	38.1	24.5	85	91	63	43	51	71	67.3	------
18	59.45	59.57	59.10	56.80	56.68	58.35	58.32	26.5	24.9	31.5	37.2	29	27.8	29.5	38.6	24.3	79	87	64	43	81	79	72.2	------
19	57.81	58.32	58.53	55.97	56.58	58.56	57.63	26.7	25.6	32.4	35.7	29.6	27.5	29.6	38.5	25	85	91	56	49	75	78	72.3	------
20	57.69	58.22	58.10	55.66	57.12	59.04	57.64	25.7	24.8	31	36.5	29	27.2	29	38.4	24	88	92	64	43	79	84	75	------
21	57.79	58.14	59	56.83	56.61	58.71	57.85	25.9	25	32	36.9	33.4	29.1	30.4	39.3	24.2	88	88	61	43	54	80	69	------
22	58.22	58.83	58.78	56.64	56.30	58.52	57.88	25.7	24.4	32	36.1	33.3	28	29.9	39	23.8	84	88	55	42	49	76	65.7	------
23	57.76	58.15	58.08	55.96	55.80	58.57	57.39	25.8	25	32.7	38.1	33.5	27.8	30.5	40.4	24.5	87	87	54	40	58	86	68.7	2.5
24	57.81	58.02	57.88	55.64	55.36	59.07	57.30	26.3	25.3	32.4	37	33.2	28.6?	30.5	40.1	24.6	88	89	56	43	53	71?	66.7	2
25	58.39	58.67	58.05	55.36	55.49	57.89	57.31	26.8?	24.9	32	38.4	34.3	28.1	30.8	40.1	24.1	83?	92	63	39	55	81	68.8	-----
26	57.78	57.89	58.15	55.84	55.95	57.99	57.27	27.1	25.8	29	38.5	32.2	28.6	30.2	39.1	25	87	91	81	44	60	79	73.7	------
27	57.46	57.93	57.73	55.97	56.08	58.01	57.20	27.4	26	32.2	33	32.7	27.8	29.8	36.2	25.9	84	89	62	55	55	74	69.8	------
28	56.94	57.24	57.32	55.49	55.42	58.35	56.79	26	25.5	32.4	37	33.8	26.5	30.2	40.4	25	85	84	54	42	53	92	68.3	11.2
29	57.67	57.22	56.85	55.43	56.43	57.72	56.89	25.4	25.4	31.5	37.1	29.6	27.5	29.4	39	24.9	97	97	64	40	69	84	75.2	------
30	57.12	56.95	56.88	54.99	56.14	57.86	56.66	26.7	25.6	32.4	37.1	30.6	29.6	30.3	38.7	25.2	86	92	55	42	68	72	69.2	1.3
Mean	58.30	58.61	58.74	56.59	56.98	59.04	58.04	25.7	24.9	31.2	36	30.9	27.5	29.4	38.2	24.3	88.2	90.9	64	46.3	65	81.1	72.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	41.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	W	1	S	1	Calm	----	NW	1	Calm	----	8	-------------	Cu.-N.	9	Ci.-S.,Ci.-Cu.	Cu.
2	SE	1	SW	1	SSE	1	Calm	----	S	1	Calm	----	6	Ci.	Cu.	9	-------------	Cu. N
3	SSE	1	SE	1	SE	1	S	1	NW	1	NW	1	8	A.-Cu. S	S.-Cu. SE	3	Ci.	Cu.
4	Calm	----	SE	1	SE	1	SE	1	W	1	Calm	----	8	A.-Cu.	S.-Cu.	6	-------------	Cu.-N. W
5	S	1	Calm	----	S	1	S	2	S	1	W	1	8	A.-Cu.	S.-Cu. S	6	Ci.-S.	Cu.-N. SE
6	Calm	----	Calm	----	SSE	1	S	1	SSE	1	Calm	----	4	Ci.	Fr.-S.	4	-------------	Cu. S
7	SE	1	S	1	SSE	1	SSW	1	S	1	Calm	----	5	Ci.	-------------	7	-------------	Cu.-N. S
8	Calm	----	Calm	----	SSE	1	S	1	N	1	NE	1	0	-------------	-------------	4	-------------	Fr.-Cu.
9	S	1	Calm	----	S.W	1	S	1	SSE	1	Calm	----	4	Ci.,ci.-cu.	-------------	3	Ci.	Fr.-Cu.
10	Calm	----	Calm	----	SE	1	SE	2	NE	1	Calm	----	4	-------------	S.-Cu.	8	-------------	Cu.-N. S
11	Calm	----	Calm	----	SE	1	S	1	Calm	----	Calm	----	8	-------------	Fr.-N.	7	A.-Cu. SE	Cu. SE
12	Calm	----	Calm	----	S	1	SE	1	SSE	1	Calm	----	7	Ci.	Cu.	7	-------------	Cu.-N. S
13	SW	1	Calm	----	SE	1	S	1	NW	1	Calm	----	8	Ci.,Ci.-S.	S.-Cu. S	8	Ci.	Cu. S
14	SW	1	S	1	SE	1	SE	1	Calm	----	Calm	----	7	Ci.,A.-Cu.	N.-cf. S	7	Ci.-S.	Cu. S
15	S	1	Calm	----	S	2	SE	2	S	1	S	1	6	-------------	S.-Cu.	8	-------------	Cu.-N. S
16	Calm	----	Calm	----	SE	1	SSE	1	SSE	1	Calm	----	5	Ci.	S.	5	-------------	Cu. S
17	S	1	SE	1	Calm	----	SE	1	SE	1	Calm	----	6	Ci.,Ci.-S.	-------------	7	-------------	Cu. S
18	Calm	----	Calm	----	S	1	S	1	Calm	----	Calm	----	6	Ci.	-------------	7	-------------	Cu. S
19	W	1	SE	1	E	1	S	1	Calm	----	Calm	----	5	Ci.	-------------	9	-------------	Cu.-N. sw
20	SE	1	SW	1	SE	1	S	1	SW	1	SW	1	1	Ci.	-------------	8	-------------	Cu.-N. S
21	S	1	SE	1	SE	1	SSE	1	ENE	1	Calm	----	8	Ci.	Cu.-N. SW	4	-------------	Fr.-Cu. S
22	S	1	SE	1	SE	2	SE	3	S	1	NW	1	1	Ci.	-------------	7	-------------	Cu. S
23	S	1	S	1	SE	2	S	1	SE	1	Calm	----	2	Ci.	Fr.-S.	5	-------------	Cu. SE
24	SE	1	Calm	----	S	3	SE	2	SE	2	SE	1	2	Ci.	-------------	6	-------------	Cu. S
25	SE	1	Calm	----	S	2	N	1	NE	1	NW	1	0	-------------	-------------	5	-------------	Cu.
26	S	1	Calm	----	S	2	S	2	SSW	1	Calm	----	0	-------------	-------------	8	-------------	Cu. SE
27	SE	1	SSE	1	S	2	SE	4	S	2	Calm	----	6	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. S
28	S	2	S	1	S	2	SE	2	N	3	Calm	----	2	Ci.	Fr.-Cu.	8	-------------	Cu.-N. S
29	S	1	S	1	SE	1	S	1	N	1	Calm	----	4	Ci.	N.-cf. S	4	-------------	Cu.
30	ESE	1	SE	2	SSE	1	N	1	W	1	N	1	4	Ci.	Cu.	6	Ci.	Cu. NW
Mean	-------	0.7	-------	0.6	-------	1.3	-------	1.3	-------	1	-------	0.3	4.8	-------------	-------------	6.4	-------------	-------------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, −1.61 mm.]

JULY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.05	57.49	57.52	55.61	55.56	57.42	56.94	25.3	25	29	35.2	31.1	27.4	28.8	36.8	24.7	96	93	78	51	69	89	79.3	2.5
2	55.13	55.84	56.12	55.13	55.79	55.84	55.64	26.2	25.9	29.4	32.6	27.1	25.6	27.8	33.5	24.9	94	94	79	60	87	89	83.8	------
3	53.99	55.37	55	53.96	53.86	55.55	54.62	24.4	24.1	30.5	36.5	32	29	29.4	38	24	95	94	64	43	57	81	72.3	------
4	55.03	56.64	57.12	54.64	56.94	57.25	56.27	26.8	26	33	38.5	24	27.3	29.3	40.9	23.2	94	93	55	43	97	94	79.3	21.1
5	56.78	57.64	58.10	56.50	56	58.45	57.24	26.6	25.8	31.9	36.8	33.4	29.1	30.6	38.4	25	96	93	59	43	59	76	71	------
6	58.15	58.70	58.53	56.85	56.31	60.20	58.12	26.5	25	31.6	37.5	31.8	27.8	30	40	24.7	88	88	63	41	55	73	68	------
7	59.10	59.49	59.85	57.32	56.86	59.96	58.76	24.6	24.1	31.6	37.2	36.5	29.5	30.6	39.9	23.5	87	89	66	43	42	79	67.7	------
8	59.98	60.69	60.48	58.35	57.51	60.06	59.51	27.1	26	32.5	37.3	36.5	29.5	31.5	40	25	88	89	54	43	39	68	63.5	------
9	60.36	60.69	61.54	59.21	58.71	60.83	60.22	27	26.2	31.1	38.5	34.6	29.1	31.1	41	24.5	83	79	68	42	51	77	66.7	------
10	60.67	60.90	61.71	58.80	59.34	60.35	60.30	27.5	25.4	32.4	38.6	30.3	27.5	30.3	40.5	25.2	81	85	61	38	73	82	70	------
11	59.77	60	60.68	58.51	57.66	59.42	59.34	25.3	24.5	31.7	37.4	35.6	29.4	30.6	40.4	24.1	88	92	58	42	42	71	65.5	------
12	59.16	59.64	59.69	57.04	57.30	59.52	58.72	26	24	32.6	39	31.5	28.6	30.3	40.2	23.5	78	88	53	41	52	75	64.5	------
13	58.57	58.89	58.83	56.49	56.41	58.66	57.98	26.1	25	31.4	37.6	32.7	29	30.3	39	24.2	82	83	61	40	53	74	65.5	------
14	58.18	58.42	58.90	56.96	57.90	58.86	58.20	26.2	24.5	32.2	37.2	31.4	27.9	29.9	38.7	24.4	82	88	57	42	61	74	67.3	------
15	58.45	59.02	60.10	59.10	58.17	60.26	59.18	25.1	25.3	30	30.5	29	27.2	27.8	33.2	24.5	88	89	69	68	78	83	79.2	------
16	59.55	59.85	60.69	59.17	59.84	61.08	60.03	24.9	24.4	27.8	30.6	26.1	25.2	26.5	33.1	23.5	88	88	80	63	74	80	78.8	------
17	59.38	59.69	59.79	58.54	58.03	59.18	59.10	23.4	23.3	25.4	32	31	26	26.8	35	22.7	85	89	88	56	61	80	76.5	------
18	58.18	58.50	58.34	55.83	56.37	57.95	57.53	24.1	22.5	31	36.1	29.5	27.2	28.4	37.5	22.4	85	92	59	42	71	84	72.2	------
19	56.64	56.85	57.44	55.03	54.76	56.41	56.19	25.3	25	30.5	37.2	31.8	28.2	29.7	39.1	24	82	92	65	40	58	77	69	------
20	55.92	56.15	56.26	54.14	55.99	57.55	56	26.8	26.2	32	36.5	25.2	24.8	28.6	39.1	24.2	84	91	63	43	87	91	76.5	4.5
21	56.12	56.87	57.57	55.59	56.60	58.52	56.88	25.4	25.6	29.4	35.6	28.4	27.2	28.6	38.5	24.5	93	93	76	49	83	90	80.7	6.1
22	57.81	57.57	58.12	56.17	57.59	59.49	57.79	26.2	25.3	31.2	36.4	25.2	25.4	28.3	38.6	24.8	94	95	66	43	95	94	81.2	20.3
23	57.88	57.79	58.30	56.09	56.32	58.07	57.41	24.2	23.9	29.5	34.5	24.6	25.5	27	37	23.5	94	92	75	53	90	93	82.8	9.1
24	56.69	56.11	56.10	54.02	53.96	55.92	55.47	24.6	24.2	29.1	34	27.4	26.4	27.6	36.4	23.8	95	90	74	56	82	87	80.7	------
25	55.42	55.07	55.22	53.11	53.38	55.70	54.65	25.3	24.3	30	35.1	28	26.7	28.2	36.7	24	91	94	75	54	80	86	80	------
26	54.92	54.15	54.41	52.31	52.50	54.12	53.74	26.1	26	30.6	35.8	29.5	25.4	28.9	37.2	24.6	91	92	73	48	69	94	77.8	15.7
27	53.72	52.99	53.44	51.35	51.86	52.79	52.69	24.7	24.5	28.8	34.5	26.5	26.4	27.6	36.3	24.2	94	96	80	54	88	92	84	13.2
28	51.76	51.90	52.71	50.69	50.42	52.12	51.60	25.4	25	30	32.6	29.6	27.5	28.4	34.4	24.5	93	92	75	63	78	90	81.8	------
29	51.47	51.41	51.89	49.58	48.84	50.93	50.69	26.2	25.2	29.5	34.1	30.5	27.7	28.9	34.6	25	95	97	79	56	69	87	80.5	41.4
30	49.94	50.57	51.45	50.70	50.71	52.07	50.91	26	23.5	28.2	32	28.4	27.2	27.6	33	23	92	96	80	63	72	83	81	.5
31	51.30	51.41	52.61	52.58	53.19	54.60	52.62	26.3	25.9	30	31.4	28.1	26.5	28	32.7	25.7	84	85	70	62	87	90	79.7	.3
Mean	56.71	56.98	57.37	55.46	55.63	57.39	56.59	25.7	24.9	30.4	35.4	29.9	27.3	28.9	37.4	24.2	89	90.7	68.5	49.2	69.6	83.3	75.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	134.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	1	SE	1	S	1	SE	1	NE	1	Calm	----	8	------------	Cu.-N. S	10	Ci.-Cu.	Fr.-N.
2	Calm	----	Calm	----	NE	1	S	1	S	1	SE	2	8	------------	Cu.-N.	10	------------	Cu.-N.
3	SE	1	Calm	----	SE	1	S	2	N	1	Calm	----	7	------------	Cu. SW	6	A.-Cu. SW	Cu. SW
4	Calm	----	Calm	----	SE	1	SW	1	NW	3	Calm	----	0	------------	------------	3	------------	Fr.-Cu.
5	SW	1	Calm	----	Calm	----	N	1	N	1	Calm	----	2	------------	Fr.-S.	2	------------	Fr.-Cu.
6	Calm	----	Calm	----	S	1	SE	1	NNW	1	S	3	0	------------	------------	4	------------	Fr.-Cu.
7	SE	1	SE	1	SE	2	SE	2	Calm	----	Calm	----	0	------------	------------	2	------------	Fr.-Cu.
8	S	1	Calm	----	SE	2	SE	1	S	2	SE	1	8	A.-Cu.	Cu.-N. SE	4	Ci.-Cu.	Fr.-Cu.
9	S	1	Calm	----	SE	1	WSW	1	NE	1	NW	1	7	Ci.-Cu.	Fr.-N. N	5	------------	Cu. E
10	Calm	----	Calm	----	SE	1	NW	1	NW	1	Calm	----	0	------------	------------	8	------------	Cu.-N. E
11	Calm	----	Calm	----	SE	1	SE	1	SSE	1	SW	1	0	------------	------------	4	------------	Cu. E
12	SE	1	SE	1	S	1	NW	1	SW	1	Calm	----	0	------------	------------	4	------------	Cu.
13	SW	1	Calm	----	Calm	----	S	1	NW	2	SW	1	7	Ci.	S.	6	------------	Cu. SE
14	Calm	----	Calm	----	NE	1	SE	1	SW	1	SW	1	2	Ci.	------------	8	------------	Cu.-N.NE
15	SW	1	Calm	----	Calm	----	SE	1	NE	1	Calm	----	8	Ci.	S.-Cu. E	10	------------	Cu.-N. S
16	S	1	Calm	----	Calm	----	N	1	N	2	NE	1	10	------------	N.	10	------------	Cu.-N. SE
17	Calm	----	SW	1	SE	1	Calm	----	N	1	Calm	----	7	------------	Cu. N	8	Ci.	Cu. SE
18	S	1	Calm	----	S	1	N	1	N	1	Calm	----	7	Ci.	S.-Cu.	8	Ci., A.-Cu.	Cu. NE
19	SE	1	S	1	SE	1	NE	1	NE	2	N	2	10	------------	N.	5	------------	Cu. N
20	SE	1	SE	1	SW	1	NE	1	N	1	N	1	6	Ci.	Fr.-S.	8	------------	Cu. E
21	SE	1	Calm	----	SSE	1	N	2	N	1	NW	1	8	A.-Cu.	Cu.-N. SW	5	Ci.	Cu. NW
22	SE	1	S	1	S	1	SSE	1	SE	1	Calm	----	7	Ci.	N.-cf. SW	8	Ci.-S.	Cu. SE
23	Calm	----	Calm	----	SW	1	Calm	----	NW	1	Calm	----	8	Ci.	S.-Cu.	9	Ci., Ci.-S.	Cu.
24	SW	1	Calm	----	SE	1	N	1	W	1	SW	1	7	A.-Cu.	S.-Cu.	6	Ci.	Cu.
25	SW	1	SW	1	S	1	SE	1	NW	1	Calm	----	7	Ci.	Cu.-N. S	7	Ci.	Cu.-N.SW
26	SE	1	Calm	----	S	1	NW	1	NW	2	Calm	----	10	------------	Cu.-N. S	6	Ci.	Cu. N
27	SW	1	SW	1	S	1	SSW	1	NW	2	Calm	----	10	------------	N. S	8	Ci., Ci.-S.	Cu. S
28	S	1	Calm	----	SW	1	S	1	N	1	Calm	----	8	Ci., Ci.-Cu.	Cu.-N.	8	Ci.-S.	Cu.-N.SW
29	Calm	----	Calm	----	Calm	----	NE	1	NW	1	NE	1	8	Ci.-S.	N.-cf.	8	Ci.	Cu.-N. E
30	Calm	----	Calm	----	SSW	1	Calm	----	SE	1	S	1	10	------------	N.	8	Ci.-S.	N.-cf. E
31	SE	1	SW	1	SE	1	SSE	3	S	1	SW	1	8	------------	Fr.-N. SE	10	------------	Cu.-N.SW
Mean	------	0.7	------	0.3	------	0.9	------	1.1	------	1.2	------	0.6	6.1	------------	------------	6.7	------------	------------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, −1.61 mm.]

AUGUST, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a.m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	54.47	54.34	55.09	53.84	54.20	57.12	54.84	26	25.2	28.5	33.2	29.5	25.5	28	35	24.5	94	96	77	63	81	96	84.5	19.8
2	56.21	55.59	54.78	54.29	54.56	56.31	55.29	25.1	25.3	30	34	30.5	28.2	28.8	34.6	24.5	98	98	75	56	75	89	81.8	-----
3	55.92	55.64	56.40	54.42	54.60	56.64	55.60	26.7	26.2	30.7	33.7	28.5	25.3	28.5	36.2	24.5	96	94	75	60	90	96	85.2	22.4
4	55.64	55.41	55.42	54.09	54.97	56.38	55.32	24.3	24.2	29.5	35.1	26.9	25.8	27.6	37.4	24	97	97	78	56	79	92	83.2	-----
5	55.75	55.90	55.95	54.48	56.09	57.63	55.97	24.5	24.5	29.6	34.2	23.5	23.4	26.6	35	22.6	99	97	77	58	87	89	84.5	47.5
6	56.61	56.29	56.68	55.30	55.33	58.08	56.38	23.2	24.1	28	30.4	29.6	24.6	26.6	31.7	22.1?	92	95	83	72	77	97	86	13.7
7	57.49	56.74	57.14	55.17	54.84	56.08	56.24	24.3	24.1	28	32.2	26.5	26	26.8	34.7	23.7	97	97	85	62	85	92	86.3	-----
8	55.20	54.96	54.81	53.74	53.62	54.60	54.49	25.1	25.1	30.5	32	29.1	26.8	28.1	33.5	24.3	94	95	65	64	85	91	82.3	-----
9	53.68	53.31	53.67	52.38	53.05	55.47	53.59	25.6	25.2	31	35.9	29.5	26.4	28.9	37	24.4	95	94	69	48	85	86	79.5	13
10	54.47	54.79	55.27	53.97	55.37	57.02	55.15	25.5	25.2	30.7	35.6	29.5	26.6	28.8	36.6	24.7	90	94	69	52	84	88	79.5	-----
11	56.17	56.72	56.89	54.62	55.97	57.35	56.29	24.9	23.6	31	35.9	29.2	26.8	28.6	37	23.4	92	97	72	48	85	86	80	-----
12	55.90	55.99	55.60	54.11	55.17	56.65	55.57	26.3	25.5	29.5	34.3	27.1	24.8	27.9	36	24.5	90	93	77	52	84	98	82.3	20.3
13	55.57	55.27	55.87	54.33	55.24	56.48	55.46	24.7	24.5	29	33.5	27.3	25.2	27.4	34.6	24.3	97	96	82	58	84	93	85	-----
14	55.79	56.36	56.76	55.05	56.15	57.60	56.28	24.8	24.6	29.4	34.2	24.4	23.7	26.8	35.7	23.1	97	97	78	57	80	92	83.5	4.1
15	56.98	57.36	57.73	56.23	57.24	58.65	57.36	23.4	23.4	28.2	34.4	28.6	25.5	27.2	37	22.7	95	97	77	54	83	89	82.5	5.8
16	57.69	58.84	58.97	56.69	56.98	58.52	57.95	24.2	23.5	28.3	33.5	30.2	27	27.8	35.2	23.3	96	99	84	61	69	87	82.7	-----
17	57.76	58.25	58.44	56.80	55.97	56.98	57.37	25.2	25.1	26.9	30.3	29.7	27.5	27.4	32.4	24.3	97	95	90	68	77	88	85.8	-----
18	56.15	56.34	56.57	54.97	55.17	56.32	55.92	25.4	24.8	30.1	33.6	28.4	26.7	28.2	34.5	24.2	95	98	76	58	89	94	85	8.4
19	55.99	55.81	55.99	54.50	54.65	55.72	55.44	25.8	25	30.4	31.5	29.6	27	28.2	33.6	24.8	97	100	72	72	79	92	85.3	3.8
20	55.17	55.59	55.99	53.95	54.15	55.28	55.02	26	26	28.2	31.1	28.3	26.5	27.7	32.6	25.5	97	95	87	72	81	88	86.7	2.3
21	54.26	54.31	55.31	54.21	54.59	55.31	54.66	25.4	25.4	25.4	25.8	25	25.4	25.4	26.4	24.3	97	97	93	93	100	98	96.3	10.9
22	54.91	54.71	55.40	53.58	55.24	56.41	55.04	24.4	24.4	30.2	34	23.7	24.1	26.8	36	22.3	97	97	73	56	94	94	85.2	30
23	55.16	54.88	56.06	54.09	54.65	55.89	55.12	23.8	23.4	28.7	33.4	30.8	25.7	27.6	35.6	23	98	98	83	64	73	98	85.7	1.8
24	54.73	54.81	54.86	52.88	54.86	56.14	54.71	25.3	24.6	29.5	33.2	25	25	27.1	34.2	24.2	98	98	76	66	97	98	88.8	25.4
25	55.13	55.25	56.21	54.83	55.90	57.33	55.78	24.5	24.3	29.2	33.6	26.4	25.6	27.3	35.8	24	98	98	76	61	94	93	86.7	3.6
26	56.70	56.97	57.70	56.07	57.20	58.72	57.23	25.6	25.2	29.6	34	28.5	25.8	28.1	36	24.9	96	98	77	60	77	93	83.5	1
27	58.35	58.69	59.51	57.50	57.83	59.28	58.53	25.6	24.6	29.6	34.5	29.6	26.2	28.4	36.4	24.2	91	97	82	60	68	85	80.5	-----
28	59.08	59.35	59.72	57.08	59.99	60.95	59.36	25.4	25	29.5	31.4	23.6	24.1	26.5	35.1	23	92	94	77	73	93	96	87.5	3.8
29	59.93	59.98	59.62	57.36	57.18	59.44	58.92	23.6	23.6	28.2	32.2	30.5	26.8	27.5	55.2	23	93	96	82	65	70	82	81.3	-----
30	58.88	58.94	58.67	57.17	57.42	58.44	58.25	25.4	24.4	29.5	34.5	29.5	26.1	28.2	36	24	87	93	77	58	73	86	79	-----
31	58.09	58	58.50	56.44	56.84	57.66	57.59	25	25.1	29.8	33	26.6	26.5	27.7	35.6	24	88	91	71	63	78	86	79.5	1
Mean	56.25	56.30	56.63	54.97	55.65	57.11	56.15	25	24.7	29.2	33.2	27.9	25.8	27.6	34.9	23.9	94.8	96.2	77.9	61.6	82.5	91.4	84.1	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	238.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	SE	1	SSE	1	SE	1	S	1	Calm	----	N	1	9	------	Cu.-N. W	8	Ci.-S.	Cu. S
2	SE	1	SE	2	S	1	N	1	NW	2	Calm	----	10	------	N.	8	Ci.	Cu.-N. SSE
3	SW	1	Calm	----	S	1	S	1	Calm	----	Calm	----	8	------	S.-Cu. S	7	------	Cu.-N. W
4	Calm	----	Calm	----	S	1	ESE	1	Calm	----	Calm	----	5	Ci.-Cu.	------	8	Ci.	------
5	Calm	----	Calm	----	S	1	Calm	----	Calm	----	Calm	----	8	Ci.	Fr.-S.	10	Ci.-S.	Cu.-N. SE
6	Calm	----	Calm	----	S	1	S	1	Calm	----	SE	3	10	------	Fr.-N.	10	------	Fr.-N. E
7	SE	1	S	1	SE	1	S	1	NE	2	Calm	----	6	A.-Cu.	N.-cf. S	6	Ci.	Cu. S
8	SW	1	S	1	SE	1	Calm	----	S	1	SE	1	6	------	N.-cf. S	7	------	Cu.-N. W
9	SW	1	Calm	----	SSE	2	SW	1	Calm	----	S	1	1	Ci.	------	5	Ci.	Cu. W
10	Calm	----	Calm	----	SSE	1	S	1	SSE	2	SE	1	7	Ci.-S.	N.-cf. SW	8	------	Cu.-N. W
11	SW	1	Calm	----	SW	1	SSW	1	S	1	Calm	----	8	Ci.	S.-Cu. SW	9	Ci.	Cu. W
12	SE	1	Calm	----	S	1	S	1	NE	1	NW	2	8	A.-Cu.	S.-Cu. S	9	------	Cu.-N. N
13	Calm	----	Calm	----	SSW	1	SW	1	WSW	1	Calm	----	7	Ci.	S.-Cu. SE	8	Ci.-S.	Cu.-N. W
14	SE	1	SE	1	S	1	SW	1	NE	2	Calm	----	10	------	Cu.-N. SE	6	------	Cu. S
15	S	1	SE	1	Calm	----	Calm	----	N	2	N	1	5	A.-Cu.	Cu.-N.	2	------	Fr.-Cu.
16	Calm	----	Calm	----	S	1	N	1	NW	1	NW	1	2	------	S.-Cu.	1	------	Fr.-Cu.
17	Calm	----	S	1	Calm	----	NW	1	NW	1	NE	1	6	------	Fr.-N. E	8	------	Fr.-N.
18	Calm	----	Calm	----	N	1	NW	1	Calm	----	Calm	----	7	A.-Cu.	Cu.-N. N	8	Ci.	Cu.-N. E
19	Calm	----	Calm	----	NE	1	N	2	NW	1	Calm	----	6	Ci.	S.-Cu.	8	------	Cu.-N. NW
20	Calm	----	Calm	----	S	1	NE	1	Calm	----	SW	1	10	------	N. S	8	------	Cu.-N. W
21	Calm	----	Calm	----	S	1	SW	1	Calm	----	Calm	----	10	------	Cu.-N. W	10	------	N.
22	Calm	----	Calm	----	S	1	SE	1	ENE	2	Calm	----	7	Ci.-Cu.	N.-cf.	7	Ci.	Cu.-N. SW
23	Calm	----	Calm	----	SE	1	Calm	----	N	1	SW	1	6	------	Cu.-N. S	8	Ci.	N.-cf. W
24	Calm	----	Calm	----	SE	1	Calm	----	NW	2	Calm	----	6	Ci.-Cu.	N.-cf. S	7	Ci.-S.	Cu.-N. E
25	Calm	----	Calm	----	SE	1	SSE	1	WNW	1	Calm	----	6	Ci.-Cu.	N.-cf. W	5	------	Cu.-N. W
26	Calm	----	Calm	----	SSE	1	SSE	1	SW	1	Calm	----	9	Ci.-Cu.	Cu.-N. S	6	Ci.-Cu.	Cu. W
27	SE	1	S	1	SE	1	SW	1	N	3	NE	1	5	Ci.	S.	4	Ci.	Cu. S
28	SE	1	SE	1	S	1	Calm	----	Calm	----	Calm	----	1	Ci.	S.	8	Ci.	Cu.-N. W
29	SE	1	Calm	----	S	1	Calm	----	NW	1	Calm	----	2	Ci.	Cu.	3	Ci.	Cu.
30	Calm	----	S	1	S	1	SE	1	N	2	Calm	----	5	Ci.	S. S	4	Ci.	Cu.
31	Calm	----	SE	1	SE	1	S	1	NW	1	Calm	----	10	Ci.	Cu.-N. S	8	Ci.-S.	Fr.-N.
Mean	------	0.4	------	0.4	------	1	------	0.8	------	1	------	0.5	6.6	------	------	6.9	------	------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

SEPTEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a.m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	mm.
1	57.45	57.04	57.94	55.73	55.97	57.68	56.97	25.4	24.4	28.2	32.4	29.2	25.6	27.5	33.2	24	89	97	83	62	77	93	83.5	2
2	56.77	56.86	57.04	54.60	55.12	56.64	56.17	24.8	24.3	28.4	32	28.6	26.2	27.4	35.4	24	96	97	80	60	80	93	84.3	------
3	56.56	56.67	57.16	55.15	54.67	56.30	56.08	25.7	25	28	29.4	28.3	25.7	27	31.6	24.6	94	95	80	74	80	94	86.2	------
4	56.09	55.91	56.67	53.78	54.40	56.35	55.53	25.6	24.8	29.4	33.7	29.3	27.2	28.3	34.6	24.6	93	95	68	59	72	89	79.3	------
5	55.27	55.32	55.55	53.18	53.70	55.29	54.72	25.4	24.4	30.4	34.6	28.6	26.7	28.4	35.8	24.2	89	94	73	56	74	90	79.3	------
6	54.99	54.42	54.69	52.41	52.89	54.29	53.95	24.7	24	29.4	34.5	27.4	26.5	27.8	36.6	23.8	92	95	76	60	84	90	82.8	1
7	52.85	52.76	53.36	51.24	52.09	53.74	52.67	25.2	24.7	30.1	33.5	29.5	26.7	28.3	34.8	24.6	92	97	68	57	79	86	79.8	------
8	53.19	52.46	53.01	50.68	51.78	53.76	52.48	25.2	24.1	31	31	26.6	26.2	27.4	35.2	23.9	92	97	72	69	84	82	82.7	12.2
9	53.57	53.83	54.94	53	54.29	55.86	54.25	24.1	22.8	27.5	32.8	26.8	24.4	26.4	33.8	22.6	91	97	84	60	87	91	85	30.4
10	55.21	55.26	55.74	53.70	54.78	55.74	55.07	24.6	24.3	28.2	32.9	25.7	25	26.8	34.6	23.2	91	96	85	65	93	95	87.5	9.2
11	55.19	55.42	56.39	54.89	54.60	56.47	55.49	23.7	24	26.2	29.8	26.7	25.6	26	30.6	23.3	97	99	90	75	82	91	89	------
12	56.23	56.63	57.11	55.25	55.58	57.15	56.32	24.6	24.5	28	31.1	27.5	25.7	26.9	32	24.2	93	96	85	67	81	88	85	4.8
13	56.52	57.17	57.80	55.64	55.36	57.44	56.66	25.5	25.3	29.2	33	28.8	26.5	28	33.8	24.9	92	94	78	59	72	86	80.2	------
14	57.02	57.80	58.67	56.60	56.69	58.46	57.54	25.6	23	29.4	33.5	29	27.4	28	35	22.2	86	96	74	58	68	78	76.7	------
15	58.29	58.26	59.10	57.60	57.69	59.81	58.46	25.1	24.1	29.5	33.4	29.6	26.3	28	35	24.1	93	99	69	60	75	86	80.3	------
16	59.24	59.33	60.89	59	58.92	60.26	59.61	25.3	24.4	28.6	32.6	26.7	25.5	27.2	34.2	24	91	95	78	59	88	93	84	------
17	59.87	60.54	60.94	58.95	58.75	60.93	60	24.2	23.5	29.8	35.2	30	26.4	28.2	37	22.7	96	98	75	54	71	92	81	------
18	60.10	59.94	60.54	57.95	58.11	60.10	59.46	24.5	23.1	31.6	34.4	29.6	27	28.4	35.7	23.1	94	96	65	51	70	86	77	------
19	59.13	59.12	60.13	57.15	57.63	59.96	58.85	26.2	24.4	29.8	33.4	30.3	27.4	28.6	34.3	24.2	89	96	75	59	74	85	79.7	5.6
20	58.99	59.46	60.27	57.04	56.91	59.04	58.62	26.7	25	26.6	33.4	30.4	25.1	27.9	37.4	24.4	86	95	92	59	73	92	82.8	3.5
21	58.73	58.98	60.47	57.37	58.15	59.92	58.94	24.5	23.6	29.5	35.5	30.6	24.5	28	36.6	23.5	94	95	75	49	70	91	79	2.5
22	58.96	59.29	60.46	57.67	57.95	59.39	58.95	24.1	23.5	28.7	35.4	30.5	26.4	28.1	36.8	23.3	92	96	75	52	71	90	79.3	------
23	59.32	59.60	59.85	56.53	57.12	58.61	58.50	24.6	23.3	31	33	28.5	26	27.7	34.2	23	92	94	65	61	74	93	79.8	------
24	57.22	58.49	59.40	56.90	56.75	58.44	57.87	24.7	24	30	33	29.6	25.7	27.8	35.7	23.7	94	96	74	59	71	91	80.8	------
25	57.78	58.38	59.05	55.65	56.79	59.48	57.86	24.7	23.7	30.4	35.4	29	26.2	28.2	37.1	23.5	93	95	67	48	74	90	77.8	------
26	59	59.09	59.53	56.73	56.65	59.93	58.49	24.8	24.5	29	35.2	30.5	25.2	28.2	37.8	23.3	94	94	74	54	73	87	79.3	------
27	59.15	59.03	59.22	56.98	58.17	60.79	58.89	25.1	24	30.2	35	24.8	25.1	27.4	38	23.5	86	93	66	52	93	88	79.7	10.9
28	58.97	59.15	59.87	57.48	60.17	60.11	59.29	23.8	22.6	28.2	33.7	23.4	23.8	25.9	35	22.2	91	95	75	54	99	95	84.8	59.7
29	58.95	59.21	60.58	58.22	58.04	60.13	59.19	23.2	22.9	27	29	29.5	26	26.3	34.9	21.9	92	94	81	71	77	90	84.2	------
30	59.94	60.58	60.77	58.85	58.81	61.27	60.04	24.9	23.6	29.6	34.2	30	26.2	28.1	34.8	23.2	92	96	72	58	75	88	80.2	------
Mean	57.35	57.53	58.24	55.86	56.28	58.11	57.23	24.9	24	29.1	33.2	28.5	25.9	27.6	35	23.6	91.9	95.7	75.8	59.4	78	89.4	81.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	141.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0-12		0-12		0-12		0-12		0-12		0-12	0-10			0-10		
1	Calm	----	Calm	----	S	1	NE	2	Calm	----	Calm	----	10	A.-S.	Fr.-N.	6	Ci.	Cu. S
2	SE	1	SE	2	SE	1	Calm	----	NE	1	N	1	8	Ci.-S.	S.	8	Ci.	Cu.-N. E
3	SSE	2	Calm	----	S	1	N	1	N	1	N	2	8	Ci.	S.-Cu.	10	------------	Fr.-N.
4	SE	1	SE	1	SE	1	NE	1	NE	2	Calm	----	8	------------	Cu.-N. SW	6	Ci.	Cu.-N. N
5	S	1	SE	1	SE	1	Calm	----	NW	2	Calm	----	7	Ci.	S.-Cu. E	4	------------	Cu. NW
6	SE	1	S	1	S	1	NE	1	NNW	2	N	1	8	Ci., Ci.-S.	Fr.-S.	4	Ci.	Cu.
7	Calm	----	Calm	----	NW	1	NW	1	NE	1	SE	2	5	Ci.	N.-cf. E	8	------------	Cu.-N. W
8	Calm	----	Calm	----	S	1	NE	3	NE	1	SE	2	4	Ci.	Fr.-Cu.	6	Ci.	Cu.-N. W
9	SE	1	Calm	----	S	1	SSW	1	SE	1	Calm	----	7	Ci.-Cu. N	N.-cf. E	6	Ci.-S.	Cu.-N. E
10	S	1	Calm	----	Calm	----	SW	1	NW	1	Calm	----	8	------------	Cu.-N. S	10	Ci.	Cu.-N. SE
11	Calm	----	Calm	----	NW	1	Calm	----	NW	2	Calm	----	10	------------	N. N	10	Ci.-S.	Cu.-N. N
12	Calm	----	Calm	----	Calm	----	N	1	Calm	----	Calm	----	10	------------	Cu.-N. S	6	------------	Cu. N
13	Calm	----	Calm	----	S	1	WNW	2	N	1	NW	1	9	------------	Cu.-N. S	4	Ci.	Cu. N
14	Calm	----	Calm	----	SE	1	WNW	1	NW	1	Calm	----	0	------------	------------	4	------------	Cu. E
15	Calm	----	SE	1	SE	1	SE	1	Calm	----	NE	1	7	------------	Cu.-N. E	7	Ci.	Cu.-N. SE
16	S	1	Calm	----	S	1	S	1	Calm	----	Calm	----	8	------------	Cu.-N.	8	Ci.-S.	Cu. E
17	Calm	----	Calm	----	SE	1	SW	1	SE	1	SE	1	10	------------	Fr.-N.	6	Ci.	Cu. E
18	Calm	----	SE	1	SW	1	NE	1	NE	1	NW	2	0	------------	------------	3	------------	Fr.-Cu.
19	Calm	----	Calm	----	S	1	S	1	W	1	Calm	----	8	Ci.	S.-Cu. N	7	Ci.	Cu.-N. SE
20	Calm	----	S	1	Calm	----	SE	1	Calm	----	Calm	----	8	Ci.	Cu.-N. E	7	Ci., Ci.-S.	Fr.-Cu.
21	SE	1	S	1	SW	2	SE	1	N	1	SE	1	4	Ci.	Fr.-S. S	6	Ci.	Cu. E
22	Calm	----	Calm	----	S	1	NW	1	N	2	NE	1	6	Ci.	S.-Cu. E	4	------------	Cu. E
23	Calm	----	Calm	----	N	1	NW	2	NW	2	N	1	4	Ci.	S.-Cu. NW	7	Ci.	Cu.-N. NW
24	Calm	----	Calm	----	Calm	----	SE	1	SW	1	Calm	----	8	------------	S.-Cu. E	6	------------	Cu. S
25	Calm	----	Calm	----	S	1	NNW	1	Calm	----	NW	1	6	------------	S.-Cu. S	4	------------	Cu. E
26	S	1	S	1	S	1	SE	1	Calm	----	SE	2	8	------------	Cu.-N.	3	------------	Cu.
27	SE	1	S	1	SE	1	SE	1	NW	4	SW	4	4	Ci.	S.-Cu.	4	------------	Fr.-Cu. S
28	SE	1	Calm	----	Calm	----	SE	1	NW	4	NW	1	4	Ci.-Cu.	Fr.-Cu.	7	Ci., Ci.-S.	Cu.-N. S
29	SW	1	SW	2	SE	2	NW	1	Calm	----	Calm	----	10	------------	N. S	8	Ci.	Cu.-N.
30	Calm	----	Calm	----	SW	1	NW	1	Calm	----	Calm	----	8	Ci., Ci.-S.	------------	7	Ci.	Cu. E
Mean	------	0.5	------	0.4	------	0.9	------	1.1	------	1.1	------	0.8	6.8	------------	------------	6.2	------------	------------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

OCTOBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.02	61.15	61.69	58.53	58.80	60.53	60.29	24.8	23.4	29.5	34.2	29	25.6	27.8	35.6	23.1	91	90	73	55	71	90	78.3	------
2	59.59	59.55	59.87	56.64	56.82	58.65	58.52	24.8	23.8	29.4	32.6	27.4	26	27.3	34.2	22.9	92	91	71	62	86	92	82.3	------
3	57.23	57.11	57.82	54.79	55.04	57.33	56.55	25	24.9	29.8	33.9	28.6	25.4	27.9	36	24.1	97	96	77	60	76	94	83.3	2.8
4	56.09	56.76	57.77	55.25	55.42	57.02	56.38	24.1	23.8	29.5	35.2	28.5	26.5	27.9	36.5	23.4	95	96	75	51	74	88	79.8	------
5	56.90	57.06	57.55	54.54	54.87	56.99	56.32	24.3	22	29.8	33.5	28.5	24.5	27.1	35	22	91	96	71	58	71	92	79.8	------
6	56.01	55.98	56.52	54.28	53.80	55.84	55.40	23.5	22	29.5	34.4	29.2	24.8	27.2	36.6	21.7	90	95	70	46	68	89	76.3	------
7	55.29	55.61	56.15	54.01	53.60	56.34	55.17	24.1	23.4	30	35.5	30	25.8	28.1	37.1	23	92	95	67	52	73	86	77.5	------
8	55.64	56.01	57.82	54.63	55.45	57.12	56.11	25.4	23.2	28.2	33.6	28.2	26.2	27.5	35.1	23	88	93	70	56	77	88	78.7	------
9	56.86	57.09	58.08	55.48	55.88	57.97	56.89	23.5	22.4	29.4	33.7	30.2	26.5	27.6	35.3	22	93	98	72	54	66	80	77.2	------
10	57.23	57.95	58.89	56.90	57.63	59.85	58.08	24.5	23	30.5	34.6	29.5	27	28.2	35.6	22.4	87	91	62	54	73	83	75	------
11	59.89	60.45	61.36	58.89	59.74	61.05	60.23	26.1	25.5	31.4	34.6	30.5	27.4	29.2	36.5	25	88	91	64	54	70	82	74.8	------
12	60.52	60.47	60.65	57.69	58.45	60.47	59.71	26.5	24.5	32	35	29	26.4	28.9	35.5	24.5	87	92	63	52	71	85	75	------
13	58.57	59.22	59.77	57.49	57.52	58.65	58.54	25.7	24.6	30.2	26.2	27.4	25.3	26.6	33	24.1	88	91	69	90	90	94	87	4.6
14	58.20	58.25	59.48	57.20	57.74	58.72	58.26	25.3	24.8	26.1	29.4	26.3	25.2	26.2	31.6	24.1	96	98	95	75	86	92	90.3	9.4
15	58.40	58.45	59.45	58.13	57.54	59.15	58.52	24.8	24.2	25.7	27	26.1	25	25.5	27.7	23.6	93	93	91	85	89	92	90.5	------
16	58.30	58.63	59.63	56.92	57.20	59.06	58.29	23.7	23.9	28.4	31.5	28.8	26.7	27.2	33.6	23.1	98	97	82	66	78	90	85.2	------
17	58.24	58.49	59.85	56.98	56.99	59.43	58.33	24.7	23.9	29.5	34.1	28.8	26.1	27.8	35.5	23.3	92	96	76	57	76	91	81.3	------
18	58.42	59.05	59.81	56.97	57.65	59.27	58.53	24.6	25.1	30.4	36.3	29.4	25.7	28.6	36.8	24.1	95	92	72	42	73	90	77.3	------
19	58.35	58.80	60.07	57.25	57.93	59.87	58.71	24	23.6	29.2	34.4	31.3	27.3	28.3	36.5	23.4	91	93	73	54	66	83	76.7	------
20	59.47	59.53	60.71	57.71	57.95	60.23	59.27	26.3	24.5	30.5	36.9	31.7	26.8	29.4	38.2	24.2	82	93	71	42	59	71	69.7	------
21	59.34	59.40	60.50	57.97	57.80	59.48	59.08	25.3	23.8	26.8	32.6	29.4	25.8	27.3	34.2	23.4	86	93	83	59	74	88	80.5	------
22	58.18	58.91	59.20	56.44	57.52	58.48	58.12	23.5	23.5	31.4	32.5	28.9	26.8	27.8	34	23.1	96	98	66	55	67	78	76.7	3.8
23	56.99	56.55	57.44	54.48	55.55	55.40	56.07	24.6	24.8	26.9	30	25.6	24.5	26.1	32.2	24	98	97	96	75	92	94	92	41.9
24	54.32	52.93	54.11	52.09	51.92	53.27	53.11	24.1	23.8	25.8	25.5	24.8	24.5	24.8	26	23.6	96	97	98	99	95	96	96.8	61.8
25	52.13	51.95	52.42	50.87	52.58	54.66	52.44	24.4	24.2	29.3	29.2	25.4	24.6	26.2	31.4	23.6	98	97	78	78	90	97	89.7	------
26	54.76	55.58	57.04	55.10	55.70	57.50	55.95	23.4	22.4	28.2	32.5	28	25.8	26.7	34.2	22.2	98	97	79	60	82	98	85.7	------
27	56.83	57.48	57.49	55.89	55.79	56.85	56.72	25.2	24.4	28.3	24.5	25.7	24.1	25.4	29.5	24	96	98	77	97	98	97	93.8	45.7
28	55.61	55.20	55.39	53.33	52.03	51.08	53.77	24.3	24.4	25.4	24.5	23.5	24.2	24.4	26.9	23.1	96	95	92	92	97	98	95	138.2
29	47.08	44.02	39.54	30.29	29.96	34.01	37.48	24.6	24.1	23.9	24	24	24	24.1	25.6	22.3	91	99	92	93	93	93	93.5	201.4
30	36.92	43.70	48.69	49.42	51.63	53.91	47.38	25	25.5	28.7	29.4	27.3	25.4	26.9	30.6	23.7	83	74	56	59	65	70	67.8	------
31	53.89	55.06	57.89	55.93	56.63	58.69	56.35	25.6	24.1	27.5	31.9	28	25.6	27.1	33.5	23.4	84	79	73	61	82	92	78.5	------
Mean	56.33	56.66	57.50	54.91	55.26	57	56.28	24.7	23.9	28.7	31.7	28	25.7	27.1	33.5	23.3	91.9	93.6	75.9	64.3	78.3	88.8	82.1	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	509.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-10*			*0-10*		
1	Calm	----	Calm	----	SW	1	NE	2	N	1	NW	1	0	------	------	6	Ci.	Cu. E
2	Calm	----	Calm	----	Calm	----	N	2	NW	2	NW	3	5	Ci.	N.-cf. N	8	Ci.	Cu.-N. E
3	Calm	----	Calm	----	Calm	----	NW	2	N	3	NW	2	8	------	Cu.-N. N	7	Ci.	Cu. E
4	N	1	Calm	----	NW	1	Calm	----	NW	1	NW	2	4	------	Cu. SE	6	------	Cu.
5	Calm	----	Calm	----	Calm	----	NE	1	NE	1	NE	1	0	------	------	6	------	Cu. E
6	Calm	----	SE	1	SE	1	Calm	----	Calm	----	Calm	----	0	------	------	2	Ci.	Fr.-Cu.
7	Calm	----	Calm	----	SE	1	SE	1	N	1	Calm	----	0	------	------	4	------	Cu. S
8	Calm	----	Calm	----	S	1	S	1	SE	1	Calm	----	3	------	S.-Cu.	6	Ci.-Cu.	Cu. S
9	Calm	----	Calm	----	SE	1	SE	1	Calm	----	Calm	----	5	Ci.	S.-Cu. S	8	Ci.	Cu.-N. S
10	Calm	----	Calm	----	SSE	2	S	2	SE	1	Calm	----	0	------	------	8	------	Cu.-N. S
11	Calm	----	SE	1	SE	1	SE	1	Calm	----	Calm	----	7	------	S.-Cu. SE	7	Ci.	Cu. SSW
12	Calm	----	Calm	----	SE	1	NW	1	Calm	----	Calm	----	5	Ci.	S.-Cu. SE	7	Ci.	Cu.-N. E
13	Calm	----	Calm	----	Calm	----	N	2	Calm	----	Calm	----	8	------	Cu.-N. N	10	------	Cu.-N. E
14	Calm	----	Calm	----	Calm	----	S	1	SE	1	SE	1	10	------	N.	10	------	Cu.-N. SE
15	Calm	----	Calm	----	SSW	1	S	1	SE	1	Calm	----	10	------	N. E	10	------	Fr.-N. E
16	Calm	----	Calm	----	SSW	1	SE	1	Calm	----	NE	1	10	------	N.	2	A.-Cu. N	Cu. S
17	Calm	----	Calm	----	Calm	----	NE	1	N	3	NE	1	7	Ci.-S. W	------	7	Ci.	Cu. N
18	Calm	----	Calm	----	N	1	NW	1	NE	1	NE	3	10	------	N. SE	5	------	Cu. N
19	Calm	----	Calm	----	N	1	N	1	NE	1	Calm	----	6	Ci.	S.-Cu. N	6	Ci.	Cu. SE
20	Calm	----	Calm	----	S	1	SSW	1	SE	1	Calm	----	1	Ci.	------	5	------	Cu. E
21	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	5	Ci.	S.-Cu. E	7	Ci.	Cu. E
22	Calm	----	Calm	----	N	2	NE	2	N	2	N	3	7	Ci.	S.-Cu.	7	Ci.-S.	Cu. NE
23	NW	1	NW	2	NW	1	NW	2	NW	1	NW	3	9	Ci.	Cu.-N. E	10	------	Cu.-N. E
24	N	3	NW	2	NW	1	Calm	----	Calm	----	Calm	----	10	------	Cu.-N. E	10	------	N.
25	Calm	----	Calm	----	SSW	1	S	3	S	1	SE	1	10	------	Cu.-N. S	10	------	Cu.-N. S
26	Calm	----	Calm	----	Calm	----	SE	1	NW	2	NW	3	2	Ci.	Fr.-Cu.	5	Ci.	Cu. S
27	NE	2	NW	1	NW	2	NW	2	NNW	1	Calm	----	8	Ci.	S.-Cu. N	10	------	N.
28	NW	3	NW	3	NW	4	N	4	NW	5	NW	5	10	------	Cu.-N. N	10	------	N. N
29	NW	8	NW	10	NW	12	NW	12	WSW	4	SW	12	10	------	N.	10	------	N. NW
30	SSW	10	S	6	S	4	S	6	S	4	Calm	----	10	------	Cu.-N. S	6	Ci.-S.	Cu.-N. S
31	Calm	----	Calm	----	N	1	S	1	S	1	SE	1	7	A.-Cu. SE	Cu. SE	7	------	Cu.-N. SW
Mean	------	0.9	------	0.8	------	1.4	------	1.8	------	1.3	------	1.4	6	------	------	7.2	------	------

TUGUEGARAO.

[$\phi = 17° 36'$ N; $\lambda = 121° 40'$ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

NOVEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.39	59.24	60.44	58.05	58.69	60.62	59.24	25.5	23.6	27.6	32.7	28.4	26.5	27.4	34	23.3	86	97	83	61	82	90	83.2	6.9
2	60.52	60.74	61.16	58.71	59.07	60.60	60.13	25.7	24	28.4	32.6	26.5	24.8	27	33.8	23.8	85	97	80	61	84	88	82.5	-----
3	59.46	58.24	57.62	53.48	50.78	50.22	54.97	23.3	24.5	27.6	27	24.8	25.4	25.4	29.2	22.6	92	92	74	83	89	93	87.2	6.6
4	50.95	53.91	56.87	56.77	57.25	59.34	55.85	25.8	25	29.2	25.8	27.5	25.4	26.4	30.8	24.7	90	88	74	95	84	91	87	11.9
5	59.04	59.65	60.51	57.93	58.31	60.13	59.26	23.8	23.5	30.5	33.7	30.1	25.8	27.9	34.6	23	93	94	69	58	73	91	79.7	-----
6	59.64	60.15	60.54	57.55	57.62	59.81	59.22	24.6	24	28.5	31.7	29.4	25.8	27.3	35.5?	23.5	95	98	83	65	70	90	83.5	-----
7	59.30	59.60	60.42	57.65	57.89	59.44	59.05	24.8	22.4	28.8	32	29.6	25.2	27.1	33.4	22.3	88	96	76	64	78	94	82.7	-----
8	59.32	59.70	60.83	58.20	58.60	59.72	59.40	24.1	23	28.5	32.5	28.7	25.4	27	33.6	22.6	93	91	80	59	78	87	81.3	-----
9	59.59	60.09	60.73	58.12	58.67	60.02	59.54	24.1	23.5	29.2	32.6	27.8	24.7	27	33.2	23	92	96	70	62	80	92	82	2
10	59.90	59.85	60	57.64	57.94	59.11	59.07	24	23.5	26.9	26.4	25	24.5	25	28.2	23	93	93	87	92	89	95	91.5	27.3
11	57.86	58.02	59.34	58.13	58.68	60.26	58.72	23.9	23	27.7	24.6	24.6	24.7	24.8	30.2	22.8	95	99	88	99	95	94	95	13.5
12	59.39	60.01	60.56	58.41	59.64	61.09	59.85	24.2	24.1	26	29	26.5	24.5	25.7	29.8	23.3	93	97	88	75	90	92	89.2	6.9
13	60.66	60.75	61.53	58.97	59.42	61.09	60.40	24.2	23.7	26.9	32	27.4	25	26.5	33.2	23.3	95	97	90	65	87	92	87.7	6.4
14	60.78	61.78	62.47	59.55	60	62.01	61.10	24.6	23.8	26.5	31.6	28.5	25	26.7	32.5	23.2	95	97	87	60	82	92	85.5	-----
15	61.66	62.14	63.37	60.30	60.28	61.25	61.50	22.7	22.3	25.6	31.5	27.5	24.9	25.8	32	22.2	96	97	90	59	78	93	85.5	-----
16	60.79	60.94	62.12	60.07	60.19	61.67	60.96	24	23	25	26.2	25.1	24.4	24.6	28.6	22.7	95	97	93	89	88	95	92.8	1.5
17	60.38	60.72	61.66	59.43	60.09	61.76	60.67	23.7	23	28.2	31	26	24.4	26	31.4	22.4	94	99	74	63	75	86	81.8	-----
18	61.71	62.37	63.81	61.35	61.86	63.44	62.42	22.6	21.5	27.2	29.5	25.4	24	25	31.2	20.6	89	95	74	66	76	91	81.8	-----
19	62.83	63.27	64.74	62.82	62.89	64.20	63.46	21.6	21	25	24.5	23.8	22.9	23.1	25.8	20.4	95	95	85	97	93	96	93.5	5.6
20	63.72	63.77	64.60	62.37	62.56	63.46	63.41	22.4	22	27.9	26	24.9	23.5	24.4	30.2	21.5	98	100	78	84	90	97	91.2	14
21	62.19	62.21	63.31	60.41	61.09	62.18	61.90	23.6	23.2	24.4	28.6	25	24	24.8	30.6	22.8	98	100	91	84	92	96	93.5	13.9
22	61.06	61.20	62.06	60.11	60.79	62.19	61.24	23.6	22.8	26.5	29.1	25.1	23.2	25	30.5	22.3	95	98	90	69	88	94	89	10.7
23	61.21	60.91	61.77	59.74	60.14	61.11	60.81	22.8	22.6	26.2	27.8	24.8	23.5	24.6	28.2	22.3	97	98	82	67	81	93	86.3	17.8
24	59.39	59.56	60.26	57.60	58.22	59.29	59.05	23.6	23	25.8	30.4	25.2	24.2	25.4	31	22.2	93	96	90	74	90	98	90.2	6.6
25	58.11	58.55	59	55.89	56.67	58.19	57.74	23.7	23.6	28.3	31.4	26.5	25.7	26.5	32.4	23.4	96	99	85	66	80	84	85	3.6
26	57.55	57.56	58.25	55.70	56.67	58.59	57.39	23.9	23.6	27.1	31.4	26.8	25.4	26.4	32.2	23	91	95	84	70	80	97	86.2	13.7
27	57.69	57.98	58.83	56.12	56.94	59	57.76	25	24.2	27	30.3	26.5	25.3	26.4	31.4	24.2	94	98	85	74	87	95	88.8	1.8
28	58.29	58.71	59.87	57.60	58.24	59.89	58.77	24.9	24.1	26.5	28.5	26.2	24.4	25.8	30.6	23.4	94	97	84	77	91	94	89.5	14.2
29	59.01	59.14	61.07	59.81	60.39	61.26	60.11	24.5	24.1	23.4	23.5	23.3	21.4	23.4	24.7	21.1	94	97	98	98	95	94	96	222.4
30	60.86	62.53	63.82	62.52	62.53	62.79	62.51	21.2	21.3	20.7	21.1	20.8	22	21.2	22.5	20.5	95	93	100	98	99	96	96.8	138.5
Mean	59.71	60.11	61.05	58.70	59.07	60.46	59.85	23.9	23.2	26.9	29.2	26.3	24.5	25.7	30.8	22.6	93.3	96.2	83.7	74.5	84.8	92.7	87.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	545.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	Calm	----	ENE	1	NE	1	Calm	----	8	----------	S.-Cu. SW	8	Ci., Ci.-S.	Cu.-N. S
2	Calm	----	Calm	----	N	1	SE	1	NE	1	NE	1	10	Ci.-Cu.	N. N	6	----------	Cu. E
3	N	2	NE	2	N	3	N	5	NE	6	NE	1	8	----------	Cu.-N. N	10	----------	Cu.-N. E
4	S	4	S	1	SW	2	S	3	SE	1	S	1	8	Ci.	Cu.-N. S	10	----------	N.
5	Calm	----	SE	1	SE	1	S	2	N	1	N	1	1	A.-S.	Fr.-S.	1	----------	Fr.-Cu. S
6	Calm	----	Calm	----	SW	1	E	1	Calm	----	Calm	----	10	----------	S.	7	Ci.	Cu. E
7	Calm	----	E	1	SW	1	N	1	Calm	----	Calm	----	1	----------	Fr.-S.	7	Ci.	Cu. W
8	Calm	----	Calm	----	SW	1	N	1	N	1	Calm	----	1	----------	S.	4	----------	Cu. N
9	Calm	----	Calm	----	N	1	NW	1	N	1	N	2	8	----------	S.-Cu. N	3	----------	Fr.-Cu. E
10	NE	2	Calm	----	N	1	N	1	N	1	Calm	----	10	----------	N. N	10	----------	Cu.-N. N
11	Calm	----	Calm	----	N	1	N	1	Calm	----	Calm	----	8	Ci.	Cu.-N. E	9	----------	Cu.-N. S
12	Calm	----	Calm	----	S	1	Calm	----	Calm	----	N	1	10	----------	N.	10	----------	Cu.-N. S
13	Calm	----	Calm	----	Calm	----	S	1	N	1	Calm	----	10	----------	Cu.-N. S	4	Ci.	Cu. ESE
14	Calm	----	Calm	----	Calm	----	NW	1	N	1	NW	1	8	----------	Cu.-N. E	3	----------	Fr.-Cu.
15	Calm	----	Calm	----	SE	1	Calm	----	NW	2	N	1	3	----------	S.-Cu.	9	A.-Cu.	Cu. E
16	Calm	----	Calm	----	SE	1	NE	2	NE	2	Calm	----	7	----------	Cu.-N. E	10	----------	Cu.-N. N
17	Calm	----	Calm	----	N	1	NE	1	NW	2	N	1	10	----------	Cu.-N. N	8	----------	Cu.-N. ENE
18	Calm	----	Calm	----	NE	2	N	1	NNE	1	N	2	8	----------	S.-Cu. E	7	----------	Cu. E
19	Calm	----	Calm	----	N	1	N	1	N	1	NE	1	7	----------	S.-Cu. E	10	----------	Cu.-N. E
20	Calm	----	Calm	----	NE	3	NNE	4	NE	3	NE	1	10	----------	Cu.-N. NE	10	----------	Cu.-N. E
21	N	2	NE	1	N	1	SE	1	Calm	----	Calm	----	10	----------	Cu.-N. NE	8	----------	Cu.-N. NW
22	N	2	NW	1	NE	2	NE	2	NE	2	NE	3	8	----------	Cu.-N. NE	6	Ci.	Cu.-N. NE
23	NE	2	N	1	N	1	NE	2	NE	2	N	2	4	Ci.	S.-Cu. E	8	----------	Cu.-N. E
24	NE	2	N	1	NNE	1	NW	1	NE	3	N	1	7	----------	Cu.-N. N	6	----------	Cu.-N. N
25	Calm	----	NE	1	ESE	1	N	1	NE	2	NW	1	7	Ci.	Cu.-N. N	8	----------	Cu.-N. NE
26	N	1	Calm	----	Calm	----	N	1	NE	2	N	1	7	----------	S.-Cu. NE	8	----------	Cu.-N. E
27	Calm	----	Calm	----	S	1	N	2	NE	3	Calm	----	10	----------	Cu.-N. S	5	----------	Cu. N
28	NE	1	Calm	----	N	1	N	1	N	2	NE	2	10	----------	N.	10	----------	Cu.-N. N
29	N	2	Calm	----	N	2	N	1	NE	2	NE	2	10	----------	N.	10	----------	N. W
30	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	N	1	10	----------	N.	10	----------	N. E
Mean	-------	0.7	-------	0.3	-------	1.1	-------	1.4	-------	1.5	-------	0.9	7.6	----------	----------	7.5	----------	----------

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 23 meters; gravity correction not applied, —1.61 mm.]

DECEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.41	62.10	63.55	61.44	62.24	63.64	62.40	22.5	22.5	24.2	24.4	23.1	22.8	23.2	26.4	21.1	96	93	82	88	83	86	88	------
2	62.22	62.39	63.18	61.10	61.49	62.85	62.20	22.8	22.6	25.8	26.2	23.5	23.1	24	28.2	22.1	87	88	81	76	85	87	84	------
3	61.62	61.74	62.74	60.87	60.91	62.23	61.68	23.1	22	25	27	24.1	23.1	24	27.7	21.4	86	89	83	80	84	84	84.3	------
4	61.35	61.47	62.49	60.38	60.41	61.63	61.29	22.5	20.7	24	25.4	25.1	23.5	23.5	27.6	20	88	94	97	80	83	89	88.5	------
5	60.52	60.31	61.21	58.97	58.95?	60.52	60.08	22.5	21.8	25.6	25.6	23.7	23.1	23.7	27.8	21.4	91	95	81	82	79	83	85.2	------
6	59.66	59.16	60.01	56.98	57.24	56.99	58.34	21.5	20	23.6	25.4	24.1	23.1	22.9	26	19.5	85	94	82	79	80	88	84.7	4.1
7	55.23	54.47	55.69	53.47	53.61	55.52	54.66	23.8	24.2	25.4	25.6	23.8	23.6	24.4	26.8	23.1	92	95	91	88	95	95	92.7	37.8
8	54.29	54.62	56.17	54.07	55.15	56.64	55.16	23.5	23.2	26.5	30.3	26.5	24	25.7	31.1	22.8	97	98	88	68	86	93	88.3	------
9	56.17	56.85	57.97	55.96	56.62	58.33	56.98	23	22.8	26.2	30.5	27.5	24.7	25.8	32.1	22.3	96	97	80	67	84	94	86.3	------
10	58.36	58.71	60.31	57.80	58.79	59.97	58.99	24.2	23.7	28	26.8	27	24.8	25.8	30.6	23.1	95	95	82	82	85	88	87.8	36.1
11	59.81	58.61	59.87	57.57	57.93	58.98	58.80	23.8	23.2	23.7	26.8	25.4	24.8	24.6	27.2	22.3	97	100	90	86	94	93	93.3	41.4
12	57.84	57.71	58.61	55.84	56.16	57.72	57.31	23.9	23.4	24.8	29.5	27.2	25	25.6	30.7	22.8	95	97	94	70	84	90	88.3	------
13	56.88	57.11	58.33	55.65	56.47	57.91	57.06	24.4	24.1	27.4	30.1	25.3	24.4	26	31	23.5	90	95	84	75	93	97	89	------
14	57.49	57.48	59.20	56.79	58.28	59.10	58.06	24.4	24.2	25.4	27.5	24	23.2	24.8	28.2	22.5	95	95	91	81	94	93	91.5	------
15	58.94	59.45	61.29	58.69	59.80	60.91	59.85	23	22.8	25.4	27	23.9	22.9	24.2	27.6	22.3	93	94	84	78	87	94	88.3	------
16	60.34	60.39	62.32	59.29	59.95	61.10	60.56	22.5	22.6	23.5	25.2	23.2	22.8	23.3	25.3	21.7	96	93	97	92	94	95	94.5	12.2
17	60.31	60.93	61.97	59.54	60.40	62.24	60.90	22.1	22.2	24	25.9	23.2	22	23.2	27	21.2	95	95	98	92	93	93	94.3	2.8
18	61.89	62.76	64.62	62.94	63.24	65.39	63.47	21.5	20.5	22.8	24.6	21	20.4	21.8	25.5	20	93	93	86	67	86	86	85.2	------
19	64.59	64.41	65.05	62.62	62.94	64.19	63.97	20.3	19.7	23.9	25.4	22.1	21.6	22.2	26.2	19.3	86	90	74	78	87	88	83.8	------
20	64.07	64.15	65.70	62.93	63.49	64.63	64.16	20.9	20.8	22	25.1	22.5	22	22.2	25.4	20.4	94	94	88	72	89	94	88.5	------
21	63.24	63.95	65.15	62.04	62.54	63.62	63.42	20.6	20	24.7	26.1	24	22.5	23	27.8	19.2	97	94	75	72	84	90	85.3	------
22	62.32	62.48	64.23	62.47	62.92	64.22	63.11	22	21.8	24.9	24.6	22	21.1	22.7	26.2	20.6	93	93	80	82	84	88	86.7	------
23	63.56	63.74	65.30	62.96	63.64	65.14	64.06	20.6	20.2	23.2	24	21.5	20.8	21.7	25.8	19.5	91	93	79	74	85	83	84.2	------
24	64.05	63.90	64.79	61.99	62.39	63.59	63.45	20.1	19.8	22.2	24.5	23.1	22	22	25.2	19.4	90	94	86	83	92	95	90	------
25	62.58	62.62	64.05	60.72	61.66	63.04	62.44	21.2	21	23	27.5	24.4	23	23.4	28.5	20.3	95	95	86	71	80	84	85.2	------
26	62.65	62.44	63.27	60.64	61.06	61.95	62	21.3	20	23.7	28.6	24.4	23	23.5	29.5	19.2	85	94	91	61	85	91	84.5	------
27	60.81	61.04	61.44	58.16	58.65	59.31	59.90	22.2	22.6	25.6	28.2	25.3	23.7	24.6	29.8	21.4	95	98	90	77	88	94	90.3	------
28	58.19	58.31	59.55	56.40	57.05	58.22	57.95	23.5	23.4	25.8	31.4	28.6	25.2	26.3	32.6	23	96	97	89	70	75	90	86.2	------
29	57.39	57.71	58.77	56.17	57.71	59.07	57.80	24.2	23.8	26.4	32.5	27.2	24.9	26.5	33.3	23.1	98	97	87	60	84	94	86.7	------
80	58.92	59.65	60.74	58.47	59.39	60.19	59.56	25	25	27	31.4	26.8	24.6	26.6	32.3	24.1	93	93	86	68	87	96	87.2	10.9
31	59.91	60.56	61.94	59.63	59.99	61.11	60.52	24.4	24.3	24.5	26.6	25.3	23.4	24.8	27.2	23	96	95	94	92	89	93	93.2	4.3
Mean	60.21	60.36	61.60	59.11	59.71	60.97	60.33	22.6	22.2	24.8	27.1	24.5	23.2	24.1	28.3	21.5	92.8	94.4	86.3	77.1	86.4	90.6	87.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	149.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	N	2	NW	2	NE	2	NE	2	N	3	NE	4	10	----------	N.	10	----------	Cu.-N. N
2	N	3	NNW	3	N	2	N	3	NE	3	NE	4	8	----------	S.-Cu. N	8	----------	Cu.-N. NE
3	NE	2	NE	1	NE	2	SE	1	N	1	E	1	4	Ci.	S.-Cu. N	8	----------	Cu.-N. N
4	N	2	Calm	----	NW	1	N	2	Calm	----	N	1	7	----------	S.-Cu. N	8	----------	Cu.-N. E
5	NW	3	NNE	2	NE	1	N	1	N	2	NW	1	6	----------	S.-Cu. N	8	----------	Cu.-N. NE
6	NW	1	NW	1	N	1	NE	4	NW	3	NW	4	6	Ci.	S.-Cu. E	8	----------	Cu.-N. N
7	NW	2	N	3	NE	2	NE	3	NE	2	NW	1	10	----------	Cu.-N. ENE	10	----------	N.
8	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	Calm	----	6	----------	Cu.-N. E	8	Ci.-S.	Cu.-N. E
9	SW	1	Calm	----	SE	1	SE	2	N	1	Calm	----	7	----------	S.-Cu. SW	8	Ci.	Cu. SSW
10	Calm	----	Calm	----	SE	1	NE	3	SE	1	Calm	----	3	----------	S.-Cu.	8	----------	Cu.-N. N
11	SW	1	SW	1	Calm	----	NW	1	Calm	----	NW	1	10	----------	N.	10	----------	Cu.-N. N
12	Calm	----	Calm	----	SE	1	NW	1	Calm	----	N	2	10	----------	N.	7	A.-Cu.	Cu.-N. NE
13	NE	1	Calm	----	NE	1	NE	2	NE	2	N	2	6	Ci.	S.-Cu. NW	6	----------	Cu.-N. N
14	NW	2	NW	1	N	2	NE	2	NE	3	NW	4	8	----------	Cu.-N. N	8	Ci.	Cu.-N. N
15	NW	4	N	2	NE	2	NE	3	NW	4	N	3	10	----------	S.-Cu. N	8	Ci.-S.	S.-Cu. N
16	N	2	NW	1	Calm	----	Calm	----	SE	1	Calm	----	8	----------	S.-Cu. N	10	----------	Cu.-N. N
17	Calm	----	Calm	----	Calm	----	N	3	NW	4	NE	4	10	----------	N.	8	----------	Cu.-N. N
18	NE	6	NE	4	NW	3	NW	4	NE	3	NW	5	7	----------	S.-Cu. N	8	----------	S.-Cu. N
19	N	3	N	1	NE	3	NE	2	Calm	----	NW	1	7	----------	S.-Cu. WNW	8	Ci.-S.	S.-Cu. N
20	NE	2	N	1	N	1	NE	1	NNE	2	NE	2	8	----------	S.-Cu. E	10	----------	S.-Cu. NNW
21	N	1	Calm	----	Calm	----	NW	1	NW	1	N	2	6	----------	S.-Cu. W	8	----------	Cu.-N. NE
22	NW	2	NW	3	NE	2	NE	3	NW	4	NW	4	8	----------	S.-Cu. N	8	----------	S.-Cu. N
23	NW	2	NE	2	NE	2	NE	2	NW	3	N	3	10	----------	S.-Cu. N	8	----------	S.-Cu.
24	Calm	----	Calm	----	NE	1	Calm	----	SE	1	Calm	----	10	----------	N.	8	----------	S.-Cu. NE
25	Calm	----	Calm	----	ENE	1	N	1	N	1	NW	1	10	----------	N.	6	Ci.-Cu.	S.-Cu. NE
26	NW	1	NE	1	Calm	----	NE	1	Calm	----	N	1	7	----------	S.-Cu. E	6	----------	S.-Cu. E
27	N	1	N	1	N	1	NE	1	NE	2	NE	1	10	----------	N.	10	----------	Cu.-N. N
28	Calm	----	Calm	----	Calm	----	SE	1	Calm	----	Calm	----	7	----------	S.-Cu. N	5	Ci.	Cu. S
29	Calm	----	Calm	----	SE	1	SE	1	NE	2	NE	3	8	----------	S.-Cu.	6	----------	Cu. SW
30	N	1	NE	1	NE	1	NE	1	NW	3	NE	2	8	----------	S.-Cu. N	6	----------	Cu.-N. E
31	Calm	----	Calm	----	SE	1	E	1	Calm	----	N	2	10	----------	N. NW	8	----------	Cu.-N. SW
Mean	-------	1.5	-------	1	-------	1.2	-------	1.7	-------	1.7	-------	1.9	7.9	----------	----------	7.9	----------	----------

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, −1.57 mm.]

JANUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.53	61.71	62.88	60.15	61.29	62.35	61.65	22.5	21	24.5	29	25.5	24.7	24.5	29.6	20.6	92	95	79	61	83	83	82.2	-----
2	61.83	62.53	63.57	60.95	61.37	62.37	62.10	22.2	20.7	25.9	27.5	25.2	23	24.1	29.2	20.4	89	94	74	70	74	86	81.2	-----
3	61.93	62.61	63.95	61.99	62.92	64.02	62.90	21.3	20.4	27.2	26.9	25	23.2	24	28.6	19.5	94	96	68	70	76	86	81.7	-----
4	63.48	63.62	64.65	62.35	63.65	64.05	63.63	21.3	19	25.6	27	24.5	23.6	23.5	29.4	18.7	90	95	71	65	79	86	81	-----
5	63.20	63.56	63.83	60.94	61.45	62.03	62.50	22.5	22	27.1	28	26	24	24.9	29.8	21.6	92	95	71	74	87	95	85.7	-----
6	61.93	62.33	63.01	60.59	60.96	61.89	61.78	23	23	25	26.6	25.5	25	24.7	27.6	22.6	95	95	88	80	84	85	87.8	0.8
7	60.98	61.33	62.62	60.68	61.68	62.76	61.68	24	23.6	24.2	24	23.4	23	23.7	25.4	22.4	88	90	74	71	68	68	76.5	-----
8	62.03	62.63	63.81	62.03	62.76	63.76	62.84	22.2	20.1	23.7	24.2	22.6	22.5	22.6	26.1	19	72	88	69	76	82	82	78.2	2.1
9	63.12	63.83	65.23	62.47	62.81	63.67	63.52	22	22	24.9	25.6	23.5	21.5	23.2	26.6	21.8	86	86	72	70	77	90	80.2	-----
10	62.07	62.88	64.33	61.47	62.05	63.17	62.66	21.2	21	26	28.1	25.2	23	24.1	30	20.5	91	93	75	72	77	86	82.3	-----
11	62.58	62.82	64.25	62.04	62.47	63.42	62.93	22	21.5	26.1	27.7	25.7	24.4	24.6	28.6	21	91	92	72	68	75	78	79.3	-----
12	62.07	62.56	63.95	61.99	62.87	64.25	62.95	23.3	21.5	24.7	26.8	25.1	24.2	24.3	29.5	21.2	82	94	75	68	75	77	78.5	-----
13	64.11	64.36	65.51	64.01	65.29	66.70	65	22.6	21.5	26	26.1	24.2	23	23.9	27.9	21	86	94	77	79	77	81	82.3	7.6
14	66.16	66.34	67.69	66.05	66.46	67.36	66.68	21.9	21.7	23.4	21.6	21.2	21.1	21.8	24	20.8	87	87	83	92	87	88	87.3	15.3
15	66.62	66.75	68.12	65.69	65.79	66.75	66.62	21	21.2	23.2	24.2	22.8	21.5	22.3	25	20.2	89	87	78	71	76	83	80.7	.5
16	65.85	66.08	67.44	65.48	66	66.81	66.28	21.1	19.2	24	24.9	23.7	22.5	22.6	25.9	18.6	84	93	77	75	81	87	82.8	3.6
17	66.57	66.77	68.47	65.65	66.66	67.26	66.90	21.9	20.8	21.3	21.9	21.1	21.1	21.4	23.6	20.5	87	93	95	93	92	92	92	15.3
18	65.70	66.14	66.91	64.73	64.67	64.75	65.48	21.2	21.1	24.1	24.1	23.6	22	22.7	25.9	20.5	93	94	82	83	86	93	88.5	-----
19	63.42	63.61	63.88	61.32	62.78	63.45	63.08	21.1	20	24.8	28.8	24.1	23.4	23.7	29.9	19.4	95	94	80	65	86	88	84.7	-----
20	62.18	62.48	63.29	60.83	61.40	62.36	62.09	22.1	21.5	23.4	25.4	24.2	22.8	23.2	26.1	21.2	94	95	86	73	82	88	86.3	-----
21	61.79	62.08	63.12	60.55	61.59	62.81	61.99	21.9	21.2	24.9	29.1	25	23.3	24.2	29.7	21	90	95	79	61	82	90	82.8	-----
22	62.73	63.47	64.57	62.21	62.95	63.70	63.27	22.8	22.1	24.6	26.3	25.5	24.1	24.2	27.4	21.6	93	94	83	77	80	87	85.7	-----
23	63.12	63.53	64.71	62.72	63.71	64.63	63.74	23.5	23.2	27	27.1	24	22.4	24.5	28.1	21.8	87	84	70	66	75	86	78	16
24	63.46	63.81	65.06	63.34	64.01	65.09	64.13	22	21.2	21	21.8	21.3	21.1	21.4	22.7	20.5	86	85	89	87	86	88	86.8	33.1
25	64.59	64.74	65.91	63.32	63.61	64.53	64.45	21	20.8	22.1	24.6	23.8	23.2	22.6	25.3	20.5	91	93	95	79	83	83	87.3	5.5
26	63.18	63.46	64.55	62.36	62.51	63.13	63.20	22.3	22	23	23.3	23.5	22.7	22.8	24.1	21.7	92	95	95	94	90	94	93.3	9.6
27	61.76	62.17	63.11	60.16	60.56	61.97	61.62	22	21.6	26.4	29.7	26	25	25.1	30.5	21	93	93	70	63	84	87	81.7	-----
28	61.63	61.81	63.42	61.39	61.94	63.31	62.25	23.8	21.8	24.6	26.7	25	24.1	24.3	27.1	21.3	91	93	83	74	79	81	83.5	-----
29	62.56	62.82	64.42	62.67	63.23	64.46	63.36	23.2	23.5	24.5	23.6	22.4	22	23.2	25.1	21.4	84	82	79	85	86	88	84	4.6
30	63.42	63.52	64.53	62.26	62.50	63.68	63.32	21.2	21.6	24.4	26.1	23.8	22.5	23.3	27.7	20.8	93	89	76	68	77	85	81.3	-----
31	62.06	62.32	63.15	60.76	61.46	62.62	62.06	21.1	21.4	24.8	29.8	25.4	24.5	24.5	30.5	20.5	94	91	82	60	84	87	83	-----
Mean	63.15	63.51	64.64	62.36	63.01	63.97	63.44	22.1	21.4	24.6	26	24.1	23	23.5	27.3	20.7	89.4	91.7	78.9	73.9	81	85.7	83.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	114

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	S	S	NNW	NW	33.3	81.9	58.9	65.4	239.5	0	-----	-----	0	-----	-----
2	NW	W	S	ENE	ENE	Calm	58.5	54.7	84.5	50.1	247.8	0	-----	-----	1	-----	Cu.-N.
3	Calm	Calm	SE	ENE	E	SE	13.9	33.5	96.3	49.9	193.6	9	A.-Cu. S	S.-Cu.	4	A.-Cu. S	Cu.-N.
4	Calm	Calm	S	E	NE	SE	23.1	68.9	67.3	29	188.3	0	-----	-----	8	A.-Cu. SW	Cu.-N.
5	SE	SE	SE	NE	E	NW	26.4	52.8	75.8	38.6	193.6	10	-----	S.-Cu. SE	4	Ci.	Cu.-N.
6	W	W	W	N	Calm	NW	27.6	26	62	45.1	160.7	9	A.-Cu. SW	S.-Cu.	5	Ci.-S.	Cu.-N.
7	N	NW	NNW	NW	NW	N	83.2	124.5	115.9	90.9	414.5	10	-----	S.-Cu. NW	6	A.-Cu. SW	S.-Cu.
8	N	W	W	E	E	E	70.2	51.8	76.7	112	310.7	0	-----	-----	10	-----	S.-Cu. E
9	E	E	E	E	E	E	114.9	109.4	90.3	33.6	348.2	10	-----	N. ENE	10	A.-Cu. SE	Cu.-N.
10	Calm	SE	SE	ENE	SE	SW	24.9	50.7	70.5	44.1	190.2	8	A.-Cu. SE	S.-Cu.	6	A.-Cu. S	Cu.-N.
11	SW	SW	SW	N	N	N	41.8	40.7	70.6	61.2	214.3	0	-----	-----	0	-----	-----
12	N	W	Calm	Calm	Calm	Calm	30.6	27.7	23.9	17.5	99.7	2	-----	S.-Cu.	0	-----	-----
13	Calm	Calm	W	NE	ENE	ENE	14.2	31.2	150	166	361.4	7	-----	Cu.-N. E	10	A.-Cu. E	S.-Cu.
14	ENE	ENE	ENE	ENE	ENE	E	210.8	183.6	180	166.7	741.1	10	-----	N.	10	-----	N. ENE
15	E	E	E	E	E	SW	136.5	115.3	96	42	389.8	10	-----	S.-Cu. E	8	-----	S.-Cu. E
16	SW	SW	S	NE	NE	NE	39.1	40.2	76.2	85.3	240.8	10	A.-Cu. E	S.-Cu.	7	A.-Cu. S	S.-Cu.
17	NE	ENE	E	NE	NE	ENE	84.7	85.3	219.1	185	574.1	10	-----	N. NE	10	-----	N. ENE
18	NE	E	Calm	ENE	Calm	SE	112.5	34.6	63.1	32.4	242.6	8	-----	S.-Cu. E	10	-----	Cu.-N. E
19	Calm	S	SSE	NE	NNW	NW	28.2	96.8	109.2	65.7	299.9	0	-----	-----	5	-----	Cu.-N. S
20	NW	NW	NW	N	NE	Calm	58.9	72.7	74	40.7	246.3	8	-----	Cu.-N. NE	6	A.-Cu.	S.-Cu.
21	SW	SW	S	S	NE	W	46.7	88	70.2	49.9	254.8	10	-----	S.-Cu. SE	0	-----	-----
22	W	W	WNW	N	NE	ENE	48	47.7	67.6	66.6	229.9	1	-----	Cu.-N.	0	-----	-----
23	NE	E	ENE	NE	NE	ENE	72.2	51.3	89.8	153.7	367	7	A.-Cu. SW	Cu.-N.	6	-----	Cu.-N. NE
24	E	ENE	NE	NE	ENE	E	171.1	139.7	-----	116.9	-----	10	-----	N. NE	10	-----	S.-Cu. NE
25	E	SW	E	E	E	E	53	56.9	117.5	111.6	339	10	-----	S.-Cu. E	10	-----	Cu.-N. SE
26	E	Calm	Calm	NE	E	E	45.4	11.8	52.9	44.5	154.6	10	-----	N.	10	-----	N.
27	SE	SE	S	SE	NE	Calm	49.3	86.9	83.1	45.9	265.2	6	A.-Cu.	S.-Cu.	0	-----	-----
28	NW	NW	NW	NNE	NE	N	41	45.9	75.4	40.2	202.5	0	-----	-----	0	-----	-----
29	E	ENE	E	ENE	ENE	ENE	124.5	141	127.4	120.4	513.3	9	-----	S.-Cu. NE	10	-----	S.-Cu. NE
30	E	ENE	E	ENE	E	SE	99.8	87.1	77	49.3	313.2	10	-----	S.-Cu.	8	A.-Cu. SW	Cu.-N.
31	SE	SE	S	S	NE	Calm	68.9	-----	72.6	27.1	-----	0	-----	-----	1	-----	Cu. S
Mean	-----	-----	-----	-----	-----	-----	66.2	71.3	89.8	72.5	294.4	6.3	-----	-----	5.6	-----	-----

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

FEBRUARY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	61.85	62.23	63.62	61.44	61.94	62.51	62.26	23.2	22.8	24.9	27.5	25	24	24.5	28.1	22	93	96	88	78	83	88	87.7	------
2	61.01	61.02	61.86	59.63	59.94	60.67	60.69	22.3	21.2	25.4	29.8	25.5	24.8	24.8	30.7	21	92	94	80	62	72	74	79	------
3	59.81	60.01	60.91	58.23	58.98	60.22	59.69	22.2	21	26.1	30	26.2	25	25.1	31.4	20.6	89	95	79	62	82	88	82.5	------
4	59.28	60.11	61.92	59.84	60.46	61.60	60.54	23.1	21.4	26.3	28.4	25.8	25	25	29.1	20.7	92	95	79	73	81	83	83.8	------
5	61.56	62	63.06	60.31	61.06	61.89	61.65	23.9	22.7	26.1	27.9	25.5	24.5	25.1	29.1	22.5	91	96	80	72	83	87	84.8	1.3
6	61.02	61.56	62.72	60.76	61.04	61.67	61.46	24.2	24	25.4	25.4	24.8	24	24.6	26.9	23.5	88	88	79	80	80	83	83	------
7	60.16	60.65	61.78	59.15	59.91	61.09	60.46	23.2	21.7	25.1	30.5	26.2	24.8	25.2	31.1	21.5	86	94	80	59	81	87	81.2	------
8	61.12	61.48	62.60	60.57	61.06	62.29	61.52	23	22	27	30.6	27	26.6	26	31.3	21.9	93	96	80	57	77	78	80.2	------
9	62	62.18	63.53	60.94	60.63	61.39	61.78	24.8	21.8	27	30.2	26.2	23.7	25.6	31	21.4	85	93	80	61	81	91	81.8	------
10	60.98	61.19	62.22	59.60	59.44	60.77	60.70	21.8	20.8	25.8	30	26	24	24.7	31.3	20.2	91	93	66	57	79	83	78.2	------
11	60.10	60.54	61.34	59.43	60.09	61.39	60.48	22.1	21.3	27.5	28.7	26.5	25.4	25.2	31.9	20.8	88	92	68	70	83	90	81.8	------
12	60.70	60.86	62.42	61	61.05	62.06	61.35	24	24.8	26.3	27.8	26	24.8	25.6	29.3	23.5	95	92	79	66	79	80	81.8	------
13	61.70	61.88	63.41	61.39	60.81	61.79	61.83	24.3	24.2	27.8	28.3	25.5	24.2	25.7	28.9	23.4	81	82	69	69	77	82	76.7	------
14	61.63	61.97	63.98	61.94	62.61	63.53	62.61	22.4	21.1	26	27.7	25.2	24	24.4	28.7	20.8	88	94	82	73	74	80	81.8	------
15	63.01	63.62	64.74	62.64	62.89	63.97	63.48	23.3	22.5	27.1	28.5	26.2	25	25.4	29.3	22.1	90	94	74	67	78	82	80.8	------
16	63.22	63.48	64.47	61.70	61.69	62.42	62.83	24.2	22.5	25.6	28	25.6	24.8	25.1	28.6	20.5	82	92	77	74	82	82	81.5	------
17	61.93	62.23	63.51	61.35	61.56	62.40	62.16	23	21.5	26	26.9	25.1	25	24.6	28.1	21.1	84	90	70	74	80	80	79.7	------
18	61.46	61.92	63.28	61.39	61.16	62.81	62	24.2	24	25.7	26.2	25.4	25	25.1	27.3	23.2	83	83	79	76	74	76	78.5	------
19	62.68	62.72	63.93	62.40	63.13	63.91	63.13	23	20.8	25.1	24.9	23	22.4	23.2	26.4	20.5	90	93	77	79	86	88	85.5	.3
20	63.22	62.97	64.27	62.40	63.01	63.96	63.30	22	21.1	23.6	26.6	23.8	23.9	23.5	27	20.8	88	92	85	70	75	74	80.7	1.3
21	63.26	63.48	64.96	63.02	63.20	63.93	63.64	23.4	23	23.4	25.2	24	23.5	23.8	27.1	22.5	78	81	80	70	78	82	78.2	------
22	63.40	63.51	64.56	62.79	62.26	63.31	63.30	22.8	22.3	24.9	24	24.4	23.7	23.7	26.5	22	88	92	76	87	83	85	85.2	1
23	62.96	62.69	63.40	61.05	61.46	62.82	62.40	22.9	21.5	27.2	29.2	26.5	25	25.4	30.7	21.2	87	94	69	66	80	88	80.7	------
24	62.58	62.83	64	61.91	62.04	63.21	62.76	23.9	22.8	26.6	28	26.5	24.1	25.3	29.2	21.9	92	93	78	74	80	91	84.7	------
25	62.95	63.26	63.90	61.03	60.79	62.26	62.36	22.9	21.5	26.6	29.5	26	23.2	25	31.1	21	89	90	68	63	75	86	78.5	------
26	61.81	62.26	63.45	60.67	60.69	61.82	61.78	22	20.8	25.6	31.1	26.5	25.2	25.2	32	20.4	87	87	67	55	76	80	75.3	------
27	61.43	61.86	63.03	60.49	60.86	63.06	61.79	22	21	26.1	30.4	26.8	25.2	25.2	31.3	20.2	84	85	63	51	71	77	71.8	1.3
28	63.21	63.83	65.50	63.46	63.48	64.84	64.06	23.3	23.5	24.8	24	23	22.1	23.4	26.4	21.8	85	84	74	75	74	80	78.7	2.4
Mean	61.79	62.08	63.30	61.09	61.33	62.41	62	23.1	22.1	25.9	28	25.5	24.4	24.8	29.3	21.5	87.8	91.1	75.9	68.6	78.7	83	80.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	NE	NE	Calm	NE	NE	NE	28.5	28	73	34.8	164.3	8	A.-Cu. SW	S.-Cu.	1	A.-Cu.	Cu.-N.
2	W	W	S	Calm	N	Calm	44	70.6	67.4	36.8	218.8	0	------------	------------	2	------------	Cu.-N. W
3	W	W	S	S	NE	Calm	37.5	69.7	74.3	34.8	216.3	0	------------	------------	1	------------	Cu. S
4	NE	E	Calm	NE	NE	NE	31.6	39.6	65.7	36	172.9	1	Ci.	------------	1	Ci.	Cu.
5	Calm	SE	E	NE	ENE	ENE	29.3	63.8	131	133.3	357.4	8	------------	Cu.-N. E	1	------------	Cu.-N.
6	ENE	ENE	ENE	E	E	E	118.5	103.3	72.1	41.8	335.7	10	------------	Cu.-N. ENE	10	------------	S.-Cu. ENE
7	S	S	S	SSE	N	NW	34.8	85.3	94.6	61.2	275.9	0	------------	------------	1	------------	Cu. S
8	NW	W	SW	SE	NE	NE	29.6	54.1	67.9	36.7	188.3	0	------------	------------	0	------------	------------
9	NW	NW	SW	S	ENE	SW	36	47	75.8	48.5	207.3	0	------------	------------	1	------------	Cu.-N. S
10	S	S	S	SSE	E	S	82.7	108.6	98.2	42.8	332.3	10	Ci.	------------	0	------------	------------
11	S	S	S	NE	N	N	43.5	84.5	75.9	75.9	279.8	0	------------	------------	5	------------	Cu.-N. S
12	NW	NW	NNW	NNE	N	E	78.3	82.7	83.7	58.2	302.9	8	------------	Cu.-N.	4	A.-Cu. SW	Cu.-N.
13	NE	NE	NE	NE	NE	ENE	83.9	93.6	130.9	101.9	410.3	7	A.-Cu. SW	S.-Cu.	5	A.-Cu. SW	Cu.-N.
14	SW	Calm	ENE	NE	ENE	ENE	51.7	46.4	120.7	109.1	327.9	6	A.-Cu. SW	S.-Cu.	1	------------	Cu.
15	S	S	S	NE	NE	ENE	42.1	67.6	95	117.8	322.5	1	------------	S.-Cu.	0	------------	------------
16	E	E	ENE	NE	ENE	NE	55	65.7	97.2	47	264.9	10	A.-Cu. SW	S.-Cu.	1	------------	Cu.-N.
17	SW	SW	SW	N	NNE	NE	71	62.3	92.3	84.3	309.9	0	------------	------------	1	A.-Cu.	Cu.-N.
18	NE	E	S	ENE	NE	N	64.7	42.5	81	39.4	227.6	7	------------	Cu.-N. NE	1	A.-Cu.	Cu.-N.
19	NW	W	NNW	NNW	NNW	NE	46.7	67.3	125.2	72.7	311.9	0	------------	------------	10	------------	S.-Cu. NNW
20	E	S	SE	ENE	NE	ENE	41.5	41.8	104.6	79.2	267.1	10	Ci.-S.	S.-Cu. NE	7	A.-Cu.	Cu.-N. NE
21	E	E	E	E	E	E	81.8	70.8	81.5	94.6	328.7	10	------------	S.-Cu. NE	10	------------	S.-Cu. ENE
22	Calm	Calm	SE	E	E	E	33.6	38.8	65.7	67.3	205.4	10	------------	S.-Cu. E	10	------------	N. E
23	S	S	SSE	ENE	NE	W	32.5	93.9	78.6	40	245	3	------------	S.-Cu.	1	Ci.	Cu.-N.
24	W	W	NE	NNE	NE	W	29.8	43.1	84.8	42.3	200	1	------------	S.-Cu.	1	A.-Cu. S	Cu.-N.
25	Calm	S	SSE	ENE	E	S	34.8	109.1	104.3	55.3	303.5	0	------------	------------	0	------------	------------
26	S	S	S	S	NE	Calm	64.2	140.8	82.4	34.4	321.8	0	------------	------------	0	------------	------------
27	SW	SW	S	NNE	NE	NNE	53.3	96.1	56.6	65.2	271.2	0	------------	------------	0	------------	------------
28	N	NE	NE	NE	ENE	ENE	109.6	183.1	180.2	154.5	627.4	10	------------	Cu.-N. NE	8	A.-Cu. N	Cu.-N. NE
Mean	------	------	------	------	------	------	53.2	75	91.5	65.9	285.6	4.3	------------	------------	3	------------	------------
Total	------	------	------	------	------	------	-----	-----	-----	-----	7,997	---	------------	------------	---	------------	------------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

MARCH, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	63.43	63.93	65.35	62.75	62.29	63.68	63.57	22	21.9	24	25.8	24.5	22.9	23.5	27	21.4	79	78	75	67	75	82	76	-----
2	63.58	63.71	65.36	63.14	62.76	63.72	63.71	21.2	20.2	24.6	27.6	26	23.7	23.9	28.2	19.6	93	92	76	72	79	92	84	-----
3	63.11	63.39	64.06	61.44	61.68	63.19	62.81	22	21.2	27.1	29	27	24.8	25.2	29.9	20.9	93	93	72	68	70	85	80.2	-----
4	62.42	63.28	64.50	62.24	62.64	63.71	63.13	23.2	22.9	27.9	30.8	27	25.2	26.2	32.2	22.5	86	83	63	59	80	82	75.5	-----
5	63.73	63.98	64.24	62.09	61.72	62.98	63.12	23.3	20.7	27.6	28.5	27	24.3	25.2	29.9	19.9	92	94	74	75	77	82	82.3	-----
6	62.37	62.56	63.40	60.24	60.35	62.09	61.84	23	22	27.5	30.4	28.5	24.8	26	32	21.4	87	86	62	63	68	88	75.7	-----
7	61.38	61.64	62.99	60.99	61.44	63.09	61.92	23.2	22	27.9	28.7	27	25.2	25.7	31.3	21.6	88	88	64	66	77	87	78.3	-----
8	63.01	63.46	64.90	63.20	63.91	65.47	63.99	23.1	21.8	25	28	26.7	25	24.9	29	21.2	89	93	83	65	75	85	81.7	2
9	64.18	64.42	64.98	61.63	61.16	63.81	63.36	24.8	23	25.8	29	27	23.9	25.6	30.1	22.5	85	90	83	68	64	81	78.5	-----
10	62.81	63.08	64.29	61.99	62.74	64.57	63.25	23	22.5	28.9	29.9	27.5	25.4	26.2	31.3	22.2	83	83	65	62	76	80	74.8	-----
11	63.33	63.60	64.69	61.80	61.16	62.26	62.81	24.9	24.8	26	28.4	25.6	25	25.8	29.8	24.4	81	82	77	70	79	80	78.2	-----
12	60.36	60.61	61.21	58.03	58.14	60.05	59.73	23.5	22.7	28	30.6	27	25.8	26.3	33.3	22.4	90	92	66	67	75	81	78.5	-----
13	60.01	60.47	61.27	59.85	60.54	62.01	60.69	24.9	23.5	28.5	26.4	24.7	24.4	25.4	29.7	23	84	92	73	84	83	85	83.5	28.4
14	61.47	62.24	64.73	63.06	64.22	65.52	63.54	23.2	23	22.8	23.1	22.2	22	22.7	24.6	21.5	90	86	84	82	84	82	84.7	22.2
15	64.72	65.49	66.70	64.51	64.37	65.70	65.25	22	21.5	22.8	23.4	22.4	22.2	22.4	24.9	20.4	82	83	79	82	79	81	81	11.4
16	64.06	63.87	64.27	61.11	60.21	62.48	62.67	22.3	21.5	25.6	26.9	25.5	24	24.3	27.4	21	81	90	74	72	80	83	80	-----
17	60.96	61.04	62.68	61.42	62.11	64.56	62.13	22.2	21.8	27	26.5	24	23	24.1	28.5	21.1	91	91	72	80	80	83	82.8	3
18	64.33	64.48	66.11	64.57	64.88	65.57	64.99	22.6	21.8	22.2	22.3	21.8	21	22	23.3	20.2	79	75	76	72	70	80	75.3	.5
19	64.18	64.58	65.84	63.86	64.31	65.61	64.73	20.5	20.2	21.9	23.4	22.6	22.5	21.8	24	19.8	86	92	88	82	78	78	84	2.8
20	64.58	64.47	65.46	63.03	62.58	63.66	63.96	22.4	22.4	24.5	24.7	23	22.1	23.2	26.1	20.4	79	79	68	67	70	75	73	-----
21	62.32	62.17	63.03	60.77	60.70	62.31	61.88	20.2	20.2	25	27.3	25.9	23.4	23.7	28	19.8	91	91	76	70	74	88	81.7	-----
22	60.56	61.06	62.15	60.03	60.24	62.05	61.02	21.7	21.2	28.2	29.5	26.4	25	25.3	30.1	21	94	95	67	65	76	83	80	-----
23	61.31	61.70	63.10	60.60	61.14	63.49	61.89	23.8	22	28.2	29.8	27.2	25.7	26.1	31.1	21.5	88	91	66	67	78	84	79	-----
24	62.20	62.51	63.40	61.15	61.90	63.36	62.42	24.1	22.6	28.2	28.5	26.4	25.5	25.9	30.4	22.3	89	93	73	77	84	81	82.8	-----
25	62.23	62.71	63.62	61.81	61.66	63.05	62.51	25.2	24.7	27	28.9	25.4	24.8	26	29.2	24.3	82	83	72	65	76	77	75.8	.8
26	61.45	62.16	63.78	62.53	62.89	64.38	62.86	24.2	22.1	23	23.2	23	22.1	22.9	25.3	21.8	78	90	85	81	79	85	83	2.6
27	63.28	63.48	65.12	63.72	63.91	65.40	64.15	22	22.4	23.1	23.9	21.7	22	22.5	24.4	21	86	82	74	73	80	74	78.2	-----
28	63.49	63.68	64.62	61.82	61.09	62.91	62.94	20.9	20.5	24.5	26.1	25.5	23.3	23.5	27.6	20.1	84	90	75	70	75	89	80.5	-----
29	61.76	62.06	62.92	61.13	62.89	64.16	62.49	22.5	22.1	28.3	26.1	25	24	24.7	32.4	21.8	89	88	65	80	82	86	81.7	.5
30	63.03	63.30	64.42	62.66	62.73	63.66	63.30	23.9	24.2	26.8	26.3	24.2	24	24.9	28.9	23.5	82	80	75	77	85	86	80.8	-----
31	61.037	61.55	62.27	59.75	60.61	62.02	61.20	23.9	23.4	27.9	28.3	25.6	24.4	25.6	32.2	23	89	93	74	75	90	91	85.3	1.3
Mean	62.60	62.93	64.05	61.84	62.03	63.57	62.83	22.9	22.2	26	27.1	25.3	23.9	24.6	28.8	21.5	86.1	87.7	73.4	71.7	77.4	83.1	79.9	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	75.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	ENE	ENE	E	ENE	E	SE	146.4	135.2	124.5	50.5	456.6	10	-----	Cu.-N. ENE	8	A.-Cu. SW	Cu.-N.
2	S	S	S	NE	ENE	SW	36.4	45.1	77.5	56.1	215.1	8	A.-Cu. S	S.-Cu.	0	-----	-----
3	SW	Calm	S	NE	E	S	44.6	60.9	103	63.8	272.3	0	-----	-----	6	Ci.	Cu.-N.
4	S	S	S	NE	NW	N	68.6	111.6	78.7	51.7	310.6	7	A.-Cu.	S.-Cu.	1	A.-Cu. S	Cu.-N.
5	SW	Calm	S	NE	NE	W	29.2	43.3	90.7	55.3	218.5	0	-----	-----	0	-----	-----
6	SW	S	S	NE	E	W	87.9	125.5	106	59.8	379.2	0	-----	-----	1	-----	Cu.-N.
7	SW	S	S	NNE	NE	N	60.7	74	74.8	36.8	246.3	0	-----	-----	0	-----	-----
8	N	Calm	SE	NNE	NE	NE	31.2	89.2	82.1	128.7	281.2	0	-----	-----	0	-----	-----
9	NE	ENE	NE	NE	ENE	SW	114.3	49.3	107	64.9	335.5	10	-----	S.-Cu.	0	-----	-----
10	S	SE	S	N	NNW	N	64.4	80.7	76.6	77	298.7	10	A.-Cu. SW	S.-Cu.	0	-----	-----
11	N	NE	E	ENE	ENE	E	53.7	75.6	160.3	126.8	416.4	8	A.-Cu. SW	S.-Cu.	1	-----	Cu.-N. ENE
12	S	S	S	NE	NE	E	48	126.1	75.3	51.2	300.6	0	-----	-----	4	A.-Cu. SW	Cu.-N.
13	E	W	SE	NNE	NE	E	42.3	67	100.3	56.3	265.9	10	Ci.-S. SW	S.-Cu. SE	10	A.-Cu. W	Cu.-N.
14	NE	NE	NE	NE	ENE	NE	149.1	191.2	177	196.3	713.6	10	-----	N. NE	10	-----	S.-Cu. ENE
15	ENE	E	E	ENE	E	E	147.8	130.4	148.1	139.4	565.7	10	-----	N. ENE	10	-----	Cu.-N. NE
16	E	S	SE	ENE	E	SE	64.1	47.7	106.5	30.3	248.6	10	-----	S.-Cu. SE	0	-----	-----
17	SE	S	SSW	N	NE	NE	46.4	46.9	136	135.5	364.8	0	-----	-----	10	A.-Cu. W	Cu.-N.
18	NE	NE	ENE	ENE	ENE	S	144.2	120.5	86.7	44.8	396.2	10	-----	N. NE	10	-----	S.-Cu. NE
19	SW	Calm	E	NE	NE	E	40.4	23	69.2	66.3	198.9	10	-----	S.-Cu. E	10	-----	S.-Cu. E
20	E	E	E	ENE	ENE	E	56.6	102	161.2	70.8	390.6	10	-----	S.-Cu. E	10	-----	S.-Cu. E
21	Calm	Calm	SE	NE	ENE	Calm	23.5	44.5	66.3	29.3	163.6	10	Ci.	S.-Cu.	1	A.-Cu. W	Cu.-N.
22	Calm	Calm	SE	E	E	Calm	20.9	62.5	114.3	19.5	217.2	5	A.-Cu. SW	S.-Cu.	1	-----	Cu.-N.
23	Calm	Calm	S	NE	NE	N	21.2	50.1	68.9	40.7	180.9	0	-----	-----	0	-----	-----
24	N	Calm	SE	NE	N	N	28.5	43.5	84.7	55.7	212.4	0	-----	-----	1	Ci.-S.	Cu.-N.
25	N	N	NE	NE	NE	ENE	64.1	60.9	73.7	62.3	261	7	Ci.	S.-Cu. NE	3	-----	Cu.-N. NE
26	NE	NE	NE	ENE	NE	NE	119.6	145.8	111	113	489.4	10	-----	N. NE	10	-----	Cu.-N. NE
27	ENE	ENE	E	E	E	E	89.1	129.3	146.7	104.3	469.4	10	-----	N. NE	10	-----	Cu.-N. NE
28	SE	Calm	SE	ENE	E	SW	27.6	49.1	96.1	39.2	212	10	-----	S.-Cu. SE	10	-----	S.-Cu. SE
29	S	S	SSE	Calm	NNE	NE	36	-----	97.6	110.7	-----	10	A.-Cu. SW	S.-Cu. S	8	A.-Cu. W	Cu.-N.
30	NE	ENE	ENE	ENE	ENE	ENE	114.5	113.8	120.4	89.1	437.8	10	A.-Cu. SW	S.-Cu. ENE	10	-----	S.-Cu. ENE
31	E	S	SW	ENE	N	NNW	33.2	57.9	81.5	30.6	203.2	10	Ci. SW	S.-Cu. E	9	Ci.-S. SW	Cu.-N.
Mean	-----	-----	-----	-----	-----	-----	66.3	81.8	103.3	72.8	324.1	6.6	-----	-----	5	-----	-----

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, −1.57 mm.]

APRIL, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.73	60.55	61.22	58.94	58.88	60.16	60.08	23.1	22.6	26.5	28.8	26.1	24.2	25.2	30.4	22.4	92	93	85	75	86	90	86.8	1
2	59.03	59	60.01	58.10	58.82	60.71	59.28	22.9	23.6	28.6	29.8	27	22.7	25.8	34	22.1	97	93	72	75	83	90	85	3.3
3	59.70	59.93	61.15	58.81	59.35	60.81	59.96	22.2	22.8	28.4	29.8	27	25.3	25.9	31.9	21.5	93	93	76	73	87	96	86.3	.8
4	60.03	60.05	61.24	59.07	60.03	61.89	60.38	24.2	23.4	28.6	29.9	27.8	26.6	26.8	32.6	23.2	94	95	76	75	82	87	84.8	------
5	60.60	60.55	62.10	60.40	60.74	61.84	61.04	25.6	24.8	28.9	30.6	27.7	26.2	27.3	31.2	24.5	92	93	78	71	87	92	85.5	------
6	61.44	61.61	62.36	59.24	59.68	61.14	60.91	25.1	24	29.6	31.6	28.2	27.2	27.6	33.9	23.7	92	95	73	71	79	83	82.2	------
7	60.82	61.51	62.96	62.01	62.76	63.79	62.31	25.7	24.8	28.3	28.8	26.7	25.8	26.7	30.1	24.4	91	93	82	67	75	79	81.2	42.7
8	62.39	62.58	64.11	61.51	61.56	63.20	62.56	25.1	23.8	26.9	26.5	25.2	25	25.4	27.9	23.4	81	89	79	77	80	79	80.8	------
9	62.03	62.57	63.40	60.59	60.99	62.41	62	24	22.4	29.1	31.6	29	26.4	27.1	32.1	22	83	93	68	65	71	82	77	------
10	61.79	62.13	62.95	59.97	59.88	61.45	61.36	24.7	23.7	29.6	30.6	29	26.5	27.4	33.5	23	83	85	61	66	71	83	74.8	------
11	60.04	60.32	61.25	59.07	59.96	61.67	60.38	24.7	23.8	29.5	30.6	28.4	26.7	27.3	33.9	23.4	86	85	64	62	80	86	77.2	------
12	60.79	61.01	61.75	59.17	59.91	62.09	60.79	25	24.7	30.6	31.4	28.5	25.7	27.6	34.3	24.4	88	89	64	61	74	81	76.2	------
13	61.82	62.08	63.34	60.78	60.63	62.44	61.85	24.4	23.8	30.5	31.5	28.5	26.3	27.5	32.2	23.3	87	88	62	64	74	85	76.7	------
14	61.30	61.58	62.83	62.27	59.61	61.27	61.14	24.6	23.5	29.7	30.9	27.7	24.6	26.8	31.9	22.5	85	85	60	60	72	87	74.8	------
15	60.23	60.72	61.21	58.69	58.81	60.35	60	22.2	23	29.4	31	28.6	26.9	26.8	32.4	21.3	89	86	58	62	75	81	75.2	------
16	59.82	60.12	60.93	58.02	58.26	60.01	59.53	24.2	22.2	29.9	32.4	28.2	27	27.3	33.4	22	90	93	66	61	80	84	79	------
17	58.62	58.96	59.15	56.37	57.30	59.07	58.24	25.3	24.5	29.8	31.9	28.2	26.1	27.6	34.3	24.4	84	86	61	61	79	91	77	------
18	58.51	59	59.96	57.75	58.06	59.94	58.87	24.9	24.6	29	31	29	25.6	27.4	32.9	24.4	89	90	69	66	67	87	78	------
19	59.64	60.36	61.20	58.92	58.74	61.04	59.98	24.6	24	30.6	31.9	29.7	27	28	32.8	23.8	85	83	57	61	65	77	71.3	------
20	60.84	61.57	62.34	60.53	60.55	62.14	61.33	25.1	24.3	29.5	32.2	29	26.1	27.7	32.8	24	88	89	68	64	68	85	77	------
21	61.89	62.03	62.55	59.94	59.58	61.84	61.30	24.7	22.5	29	31	28.2	26.3	27	31.8	22.2	86	87	71	65	70	79	76.3	------
22	61.82	62.38	63.04	60.87	60.79	62.51	61.90	24.8	23	28.1	30.6	27.8	26.2	26.8	31.8	22.4	83	90	68	67	74	81	77.2	------
23	62.03	62.43	63.61	61.65	62.25	63.49	62.58	24.5	22.5	28	30	28.5	26	26.6	31.5	22.2	86	92	71	67	67	81	77.3	------
24	63.11	63.38	63.84	62.29	62.40	63.67	63.12	23.5	22.5	28.9	26.6	25.6	25	25.4	30.6	22.1	89	92	66	74	82	83	81	2.3
25	62.05	62.86	63.10	60.58	60.84	62.26	61.95	24.3	22.8	28	27.8	26.5	25.1	25.8	29.9	22.5	86	93	77	79	83	91	84.8	2
26	61.21	61.72	62.19	59.90	59.39	60.84	60.88	24	23.2	27.6	30.5	28	25.8	26.5	30.8	23	93	95	76	68	77	88	82.8	------
27	60.01	60.31	60.82	58.46	57.97	60.45	59.67	24.7	23.6	30.6	31.4	28.5	26.4	27.5	32.8	23.2	87	86	62	61	67	79	73.7	------
28	59.61	59.86	60.91	58.99	58.67	60.66	59.78	25.1	24	30	31.3	28.2	26.5	27.5	32.4	23.7	83	86	66	69	79	85	78	------
29	60.02	60.15	60.40	58.27	58.24	59.94	59.50	24.1	23.8	30	31.3	28	26.5	27.3	32	23.4	92	93	69	71	80	88	82.2	------
30	59.26	59.47	59.85	57.71	58.31	59.45	59.01	26.2	25.2	29.4	29.4	28	26.8	27.5	31.9	24.8	89	93	75	77	83	89	84.3	------
Mean	60.71	61.03	61.86	59.56	59.77	61.42	60.72	24.4	23.6	29.1	30.4	27.9	26	26.9	32.1	23.1	88.1	90.1	69.3	67.8	76.6	85	79.5	------
Total	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	52.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–10*			*0–10*		
1	Calm	----	Calm	----	SW	2	NE	3	N	2	W	2	2	A.-Cu. SW	S.-Cu.	5	A.-Cu. W	Cu.-N.
2	Calm	----	S	3	S	4	NE	3	N	2	E	1	1	----	S.-Cu.	6	Ci.-S. W	Cu.-N.
3	Calm	----	S	2	S	3	NE	3	N	2	W	2	6	A.-Cu. W	S.-Cu.	5	Ci. W	Cu.-N.
4	Calm	----	Calm	----	S	3	NE	2	NE	1	Calm	----	4	Ci.-S. W	S.-Cu.	4	Ci.-S.	Cu.-N.
5	N	2	N	2	NE	1	NE	3	N	2	W	2	7	Ci. W	----	4	Ci.	Cu.-N.
6	W	2	W	1	SE	3	NE	3	NNE	2	Calm	----	7	Ci. W	S.-Cu.	2	Ci.	Cu.-N.
7	Calm	----	Calm	----	NE	2	N	4	NNE	3	NE	2	7	Ci. W	Cu.	6	Ci.-S. W	Cu.
8	Calm	----	E	3	E	3	ENE	5	ENE	5	E	3	10	----	N. SE	7	A.-Cu. SW	Cu.-N.
9	SE	2	Calm	----	SSE	3	ENE	3	E	2	S	2	1	Ci.	Cu. S	1	----	Cu.-N.
10	S	2	Calm	----	S	3	NE	4	E	2	S	2	0	----	----	0	----	----
11	S	2	SSE	3	S	3	NE	3	NNE	1	NNW	2	0	----	----	2	Ci.-S.	Cu.-N.
12	W	1	SSE	1	S	3	NE	3	N	1	W	2	5	A.-Cu. E	S.-Cu.	1	Ci.-S.	Cu.-N.
13	SW	1	SE	2	S	3	ENE	3	E	1	SE	1	0	----	----	0	----	----
14	S	2	S	2	SSE	3	NE	3	E	2	SW	2	0	----	----	0	----	----
15	SE	2	SSE	2	SSE	3	NE	3	NE	1	SW	1	2	Ci.-S. SW	----	1	Ci.	Cu.-N.
16	W	1	SW	1	S	2	ENE	3	NNE	3	W	2	0	----	----	1	----	Cu.-N.
17	SW	2	S	2	S	3	ENE	3	NW	3	WNW	2	10	A.-Cu. SW	S.-Cu.	0	----	----
18	WSW	2	SW	2	SSE	3	ENE	3	SSE	1	SW	2	7	A.-Cu. SW	S.-Cu.	1	----	Cu.-N.
19	S	1	SSE	2	SSE	3	ENE	3	NE	3	WSW	3	0	----	----	1	Ci.-S.	Cu.-N.
20	SW	2	SSE	2	NE	2	NE	3	E	2	W	1	0	----	----	1	Ci.	Cu.-N.
21	S	2	SE	1	NE	2	ENE	4	E	3	W	1	0	----	----	0	----	----
22	S	1	SE	1	SE	1	ENE	3	E	3	E	3	0	----	----	1	A.-Cu. SE	Cu.-N.
23	SE	1	SE	1	NE	2	ENE	3	ENE	3	ENE	3	0	----	----	5	A.-Cu. E	Cu.-N.
24	E	1	SE	1	E	2	ENE	4	ENE	4	ENE	4	10	----	Cu.-N. SE	10	----	S.-Cu. SE
25	E	1	Calm	----	ENE	2	ENE	4	ENE	4	Calm	----	10	----	N. E	8	----	S.-Cu. E
26	SE	1	SW	1	NE	1	NE	3	E	2	SE	1	9	----	S.-Cu. SE	1	----	Cu.-N.
27	SE	1	SE	1	S	3	ENE	3	E	2	SW	2	0	----	----	4	Ci.	Cu.-N.
28	SW	1	S	1	NNE	3	ENE	3	E	3	E	2	0	----	----	1	Ci.	Cu.-N.
29	E	1	SE	1	NE	2	NE	3	NE	3	ENE	3	2	Ci.-S.	Cu.	1	----	Cu.-N.
30	NE	3	Calm	----	NE	2	NE	3	NE	2	Calm	----	0	----	----	6	Ci.-S. W	Cu.-N.
Mean	------	1.2	------	1.3	------	2.5	------	3.2	------	2.3	------	1.8	3.3	------	------	2.8	------	------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

MAY, 1915.

Day.	Atmospheric pressure, 700 mm.+ 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Air temperature. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	Relative humidity. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.18	58.28	58.99	57.30	57.78	58.86	58.23	25.2	24.8	30.5	31.1	28.7	27.8	28	32.2	24.5	93	93	70	71	78	84	81.5	------
2	58.02	58.21	58.43	57.04	57.74	59.41	58.14	26.3	25.3	28.6	29.9	27.8	26.9	27.5	30.8	25.2	90	94	83	74	79	82	83.7	1
3	57.88	58.08	58.55	55.75	57.20	58.90	57.73	25.9	24.2	29.5	31.2	28.2	27.2	27.7	32	24	85	95	69	65	80	83	79.5	------
4	57.50	57.30	57.84	55.40	56.57	57.77	57.06	25	25	29.6	30.6	26.2	26.5	27.2	31.8	24.6	93	87	70	70	87	85	82	5.6
5	57.56	58.13	59.13	57.60	58.49	60.14	58.51	25.9	24	25.8	29.1	27.7	27	26.6	29.9	23.8	85	91	83	76	81	84	83.3	2.5
6	59.18	59.53	60.03	58.30	59.24	60.30	59.43	24.9	23.4	28.4	30.6	27.7	25.7	26.8	31.4	23	89	91	74	74	72	81	80.2	------
7	58.89	59.48	60.25	57.96	59.19	60.14	59.32	25	23.7	27.4	29.9	27	25.1	26.4	30.6	23.4	83	92	81	73	77	86	82	------
8	59.13	59.28	60.09	58.46	58.49	58.99	59.07	24.3	23.5	28.2	28	28	25.6	26.3	30.2	23.1	89	90	74	79	69	82	80.5	------
9	58.29	59.17	59.56	57.32	57.25	58.61	58.37	24.3	24.2	29.6	31.8	28.6	26.6	27.5	33.6	23.9	89	88	66	64	71	80	76.3	------
10	56.96	57.85	58.25	56.37	56.64	57.89	57.33	25	24.6	31	31	29	27.9	28.1	34.7	24.4	83	83	58	65	76	81	74.3	------
11	56.94	57.24	57.95	55.93	56.56	58.56	57.20	26.3	25.3	31	31.6	29.5	27.8	28.6	32.6	25	90	93	63	65	80	88	79.8	------
12	58.16	58.46	58.76	56.97	57.59	58.96	58.15	26.1	25	31.6	31.3	29	28.1	28.5	32.9	24.5	94	95	65	64	81	84	80.5	------
13	57.98	57.81	58.15	55.59	55.93	57.30	57.13	26.9	25	31	31.3	30	27.9	28.7	32.4	24.7	88	93	65	61	67	78	75.3	------
14	56.49	56.61	56.24	53.70	55.10	59.26	56.23	25.8	25.3	31	32	29.2	25.3	28.1	35.6	24.1	88	89	62	66	82	89	79.3	6.6
15	56.02	56.29	58.38	57.09	57.19	58.97	57.32	23.8	25.5	26.7	27.1	27	26.4	26.1	28.5	23.5	86	80	85	86	81	84	83.7	.6
16	57.68	57.79	58.46	57.15	57.51	59.22	57.97	25.9	24.7	28	29	27.1	26	26.8	30.4	24.5	86	94	80	78	83	89	85	2.3
17	57.61	57.99	59.05	57.04	57.49	59.45	58.10	24.9	24.3	28.8	29.6	28.7	24.2	26.8	31.5	23.8	91	94	75	75	77	94	84.3	28.4
18	58.03	58.43	59.09	57.43	59.06	60.34	58.73	24	24.2	28.9	29.6	24.7	24.2	25.9	32.7	23.7	96	95	78	78	92	95	89	9.9
19	58.58	59.08	59.31	57.85	57.93	59.54	58.72	24	24.2	26.8	30.6	28.6	26.7	26.8	31.4	23.8	95	95	87	75	80	86	86.3	1.5
20	58.01	58.63	58.31	56.50	56.81	58.06	57.72	24.5	24.2	26.4	28.1	27.5	26.5	26.2	29.5	24	92	93	86	84	85	88	88	8.4
21	56.53	56.68	57.39	55.19	56.87	57.88	56.76	25.2	24.7	29.6	30.6	24.6	24.4	26.5	33.3	24	92	92	77	76	93	95	87.5	21.1
22	55.97	56.53	56.89	55.54	56.44	58.19	56.59	24.2	24	29.4	30.9	29.2	25.3	27.2	32.6	23.8	95	95	76	76	83	94	86.5	------
23	56.81	57.07	57.24	55.68	56.90	59.03	57.12	25	25	30	31.6	29.5	27.2	28	33.6	24.6	95	95	74	73	79	90	84.3	1.3
24	57.97	58.06	58.76	56.93	56.74	59.17	57.94	25.6	25	29.6	31.2	30	26.2	27.9	32.7	24.6	93	95	77	73	75	89	83.7	2
25	58.38	58.74	59.42	57.32	58.01	59.91	58.63	25.5	25.2	31	32.5	30	25.9	28.4	33	25	92	93	69	67	75	91	81.2	------
26	58.21	58.96	58.81	57.06	58.44	59.77	58.54	25	25.5	31.2	32	25.7	25	27.4	33.6	24.6	97	91	69	67	89	93	84.3	23.4
27	57.37	57.47	58.06	56.57	57.71	58.74	57.65	24.8	25	30	31.3	29.2	28	28	33.1	24.5	93	92	73	70	79	83	81.7	------
28	57.52	57.98	58.38	57.63	58.18	58.84	58.09	26.3	25.8	26.6	25.1	24.5	25	25.6	27.6	24.2	90	88	90	89	94	92	90.5	16
29	57.93	58.05	58.81	56.98	57.34	58.86	58	24.3	24.5	27.4	30.2	28.5	27.2	27	31.5	24	89	89	78	77	81	90	84	------
30	57.58	56.69	56.84	55.22	55.36	56.29	56.33	25.3	25.5	30.3	31.1	29.1	27.3	28.1	32.9	25	96	93	72	77	77	82	82.8	------
31	55.86	56.02	56.95	54.58	55	56.76	55.86	26.5	26	28.5	31.1	29	27.3	28.1	31.7	25.5	82	82	74	62	76	82	76.3	------
Mean	57.65	57.93	58.46	56.63	57.31	58.84	57.81	25.2	24.7	29.1	30.4	28	26.4	27.3	31.9	24.2	90.3	91.3	74.3	72.6	80	86.6	82.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	130.6

Day.	Wind. Direction. 2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Total movement in 6 hours. 6 a. m.	Noon.	6 p. m.	Midnight.	Total movement in 24 hours.	Clouds. 6 a. m. Amount.	Form and direction. Upper.	Lower.	2 p. m. Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	SW	Calm	S	NNE	NE	Calm	37.5	52.1	62.5	24.4	176.5	0	------------	------------	1	------------	Cu.-N.
2	Calm	Calm	N	NNW	NE	NE	24.7	46.1	98.8	56	225.6	4	A.-Cu. SW	S.-Cu.	4	Ci. W	Cu.-N.
3	Calm	NE	S	NE	N	ENE	21.1	51.7	78.3	44.5	195.6	10	Ci.-S. S	Cu.	7	Ci.-S. W	Cu.-N.
4	W	W	S	NE	NE	N	36	44.5	77.2	50.9	208.6	7	A.-Cu. W	S.-Cu.	8	A.-Cu. W	Cu.-N.
5	Calm	NW	N	NE	NE	NE	39.9	31.6	62.5	42.1	176.1	2	------------	Cu.-N.	8	Ci.-S. W	Cu.-N.
6	S	Calm	S	NE	E	SE	44.9	57.9	100.9	37	240.7	8	Ci.-S.	S.-Cu.	8	Ci.-S. W	Cu.-N,
7	Calm	Calm	NE	ENE	E	Calm	27.9	39.1	117.2	43.3	227.5	10	A.-Cu. W	Cu.-N. S	10	A.-Cu. W	Cu.-N.
8	SE	Calm	NE	NE	E	E	38.1	52.9	87.5	44.5	223	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
9	Calm	SE	SSE	NE	E	Calm	30.1	72.1	97.2	33.8	233.2	7	A.-Cu. S	S.-Cu.	4	Ci.	Cu.-N.
10	S	S	S	NNE	N	Calm	45.1	84	61.2	25.4	215.7	0	------------	------------	1	A.-Cu.	Cu.-N.
11	E	Calm	S	N	E	Calm	27.6	41.3	67.3	22.3	158.5	0	------------	------------	0	------------	------------
12	Calm	S	S	N	NNE	NE	30.4	42.8	74.8	36.4	184.4	9	Ci.-S. SW	Cu.	0	------------	------------
13	W	S	N	NNE	ENE	Calm	45.6	44.6	75.9	32.2	198.3	0	------------	------------	6	Ci. W	Cu.-N.
14	W	S	S	N	ESE	NW	41.6	100.3	60.9	88.8	291.6	7	Ci.-S. SW	Cu.	10	Ci.-S. SW	Cu.-N.
15	S	SW	NNW	NW	NNE	N	79.7	73.4	55.3	31.9	240.3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
16	Calm	SW	ENE	NE	ENE	E	26.4	31.1	71.6	53.7	182.8	7	A.-Cu. W	Cu.-N.	10	A.-Cu. W	S.-Cu. NNE
17	Calm	SSE	S	N	NE	S	44.1	64.2	40.4	66.6	215.3	8	A.-Cu. W	S.-Cu.	10	Ci.-S.	S.-Cu.
18	S	SSE	S	NE	SE	SW	85	93	64.6	63.6	306.2	10	------------	S.-Cu. W	10	Ci.-S.	S.-Cu.
19	S	SW	S	ENE	ENE	SE	48	85	36.7	43.5	213.2	10	------------	S.-Cu.	10	A.-Cu. W	S.-Cu.
20	S	S	S	NNE	NE	S	66.6	64.4	43.3	38.8	213.1	10	Ci.-S.	S.-Cu.	10	A.-Cu.	S.-Cu.
21	SW	S	S	NE	SE	S	44	79.1	56	53.3	232.4	8	Ci. NE	S.-Cu.	10	Ci.-S.	Cu.-N.SW
22	S	S	S	NE	NE	SW	100.6	77.9	52.8	73	304.3	10	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.SW
23	S	S	S	NE	NNE	N	83.1	84	75.6	42.8	285.5	5	Ci.	S.-Cu.	6	Ci.	Cu.-N.
24	W	S	S	NE	E	Calm	45.4	89	63	41.2	238.6	7	Ci. E	Cu.-N.	1	Ci.-S.	Cu.-N.
25	Calm	Calm	ESE	NE	SW	W	29.3	55.7	79.5	62.8	227.3	7	Ci.-S. E	S.-Cu.	2	Ci.-S.	Cu.-N.
26	S	S	S	NE	W	SW	38.6	52.8	77.2	52.8	221.4	8	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N.SW
27	S	S	S	NNE	NE	E	90.7	89.5	66.2	44	290.4	7	A.-Cu. W	S.-Cu.	9	Ci.-S.	Cu.-N.
28	SE	Calm	SW	SW	W	SW	28.8	55	91.9	67.8	243.5	10	Ci.-S.	S.-Cu.	10	------------	N. SW
29	SW	SW	Calm	NE	NE	Calm	35.7	34.9	41.3	28.8	140.7	10	A.-Cu. W	S.-Cu.	10	Ci.-S. W	S.-Cu.
30	S	S	S	N	NE	Calm	31.6	60.7	52.5	21.1	165.9	1	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
31	N	S	W	W	E	N	29	55.3	67	29.2	180.5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
Mean	------	------	------	------	------	------	45.1	61.5	69.6	45	221.2	6.8	------------	------------	7	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	6,856.7	----	------------	------------	----	------------	------------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

JUNE, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	56.78	57.41	58.19	57.60	58.59	59.91	58.08	26.2	24.4	28.5	29.8	27.3	26	27	31	24.2	87	91	75	74	87	92	84.3	3.6
2	59.36	59.54	60.28	58.49	59.16	60.61	59.57	25.4	25	29.9	31.1	28.1	24	27.2	31.6	23.8	95	95	72	76	84	93	85.8	37.6
3	60.51	60.31	60.56	58.48	58.64	59.80	59.72	24	24	27.1	30.8	28.5	25.5	26.6	31.4	23.5	95	95	83	76	84	94	87.8	------
4	58.96	59.16	59.05	57.32	57.90	58.58	58.50	25.1	25.2	30	30.6	26.2	25	27	31.8	24.3	94	93	73	75	90	92	86.2	3.1
5	57.78	58.13	58.49	56.92	57.60	58.91	57.97	24	23.7	29.1	32.9	29.8	27.5	27.8	33.9	23.4	91	91	74	61	73	81	78.5	------
6	59.01	59.26	59.38	58.04	58.10	60.14	58.99	25.7	25	30	32.6	31	27.2	28.6	33.4	24.8	91	93	74	69	72	89	81.3	------
7	59.76	59.94	59.72	57.76	57.70	59.44	59.05	25.8	25.2	31.1	33.2	30.8	27.1	28.9	33.8	24.6	85	85	65	63	67	87	75.3	------
8	58.70	58.98	59.07	56.57	56.41	58.11	57.97	26.2	26	30.9	32.3	30.8	27.2	28.9	33.1	25.4	89	89	64	67	76	90	79.2	------
9	57.04	57.09	57.55	55.94	55.90	57.45	56.83	25.7	25.7	31.1	32.5	30.5	27.2	28.8	33.6	24.5	90	86	62	63	68	84	75.5	------
10	56.88	57.38	57.48	56.71	57.31	58.73	57.42	25.6	25.5	31.4	32	24.4	24.6	27.2	33.6	24	92	91	65	66	91	93	83	2.5
11	58.07	58.13	57.98	56.54	56.22	58.74	57.61	24	24.5	29.5	31.3	30.2	27.2	27.8	33	23.8	93	91	73	71	71	83	80.3	------
12	57.40	57.49	58.50	56.38	57.94	59.01	57.79	26	24.5	30.5	32.9	26	24.3	27.4	34.1	24	85	91	68	64	89	92	81.5	1.8
13	57.87	58.02	58.53	57.11	57.79	59.37	58.12	24.5	24.7	30	32	28.6	25.1	27.5	33.8	24.2	94	92	71	69	83	92	83.5	------
14	58.13	58.34	58.38	56.86	57.19	58.60	57.92	24.9	25	30.5	32	29.8	27.2	28.2	33.9	24.5	92	92	70	67	75	84	80	------
15	58.43	58.79	58.84	57.40	58.13	59.76	58.56	25.3	25.2	31.3	33.1	31.2	27.2	28.9	34.2	24.6	94	93	71	60	63	86	77.8	------
16	59.26	59.55	59.68	58.42	58.18	60.62	59.28	26.1	26.3	31	34.7	30.7	28	29.5	35.1	25.8	91	88	67	58	72	82	76.3	------
17	59.74	59.60	59.55	58.02	57.87	59.59	59.06	26.4	26.2	31.6	33.4	30.4	27.8	29.3	33.7	25.1	87	87	65	62	66	79	74.3	------
18	59.13	59.24	58.59	56.87	57.04	58.56	58.24	26	25.4	32	33.2	30.5	27.9	29.2	33.6	25.2	87	85	61	59	66	78	72.7	------
19	57.65	57.88	58.24	56.52	56.91	58.44	57.61	25.9	25.8	32	30.8	29.2	27.2	28.5	32.2	25.5	88	85	63	73	82	84	79.2	------
20	57.91	58.01	57.82	56.37	56.62	58.69	57.57	26	25.3	30.5	31.6	30.5	27.2	28.5	31.8	25.2	89	89	72	67	75	81	78.8	------
21	57.57	57.86	58.75	56.52	56.87	58.91	57.75	25.9	25	30.5	33.1	31	27.6	28.8	33.4	24.8	88	92	69	61	63	77	75	------
22	58.33	58.49	58.70	56.84	56.49	58.69	57.92	26.2	25.7	31	32.1	31.2	27.8	29	32.3	25.4	82	81	62	63	69	77	72.3	------
23	57.69	57.76	57.82	56.35	56.42	58.09	57.36	25.9	25.5	31.6	32.9	31.1	27.8	29.1	33.6	25.2	88	88	65	67	69	84	76.8	------
24	57.41	57.63	57.69	55.70	56.22	58.89	57.26	27.6	26.5	30.9	33.4	31.2	28	29.6	34.4	25.5	79	83	69	65	72	80	74.7	------
25	58.08	58.24	57.50	55.90	56.47	57.89	57.35	25.1	25.5	30.2	33	30.5	29	28.9	34.4	24.7	92	91	71	64	75	76	78.2	------
26	57.48	57.51	57.44	55.87	55.50	57.89	56.95	26.5	25.4	31.2	33	32.6	29.2	29.6	34.8	25.1	86	88	67	63	69	78	75.2	------
27	57.03	57.36	57.25	55.77	55.60	57.59	56.77	27.8	27	30.2	31.6	31.3	27.8	29.3	34.6	26.6	82	81	69	65	64	80	73.5	------
28	57.03	57.06	56.99	55.21	56.09	58.41	56.80	26.2	25.4	30.6	33.5	29.8	27	28.8	35.2	25.2	87	88	68	63	78	87	78.5	------
29	57.43	56.56	56.44	55.85	56.37	57.46	56.68	26.1	26	31.9	32.4	29.5	26.7	28.8	35.2	25.4	91	89	62	69	80	90	80.2	------
30	57.01	56.51	56.52	55.51	56.08	58	56.60	26.8	26	31.8	32.5	30.5	28.7	29.4	34	25.6	86	90	64	62	74	77	75.5	------
Mean	58.11	58.24	58.37	56.79	57.11	58.83	57.91	25.8	25.4	30.6	32.3	29.8	27	28.5	33.5	24.8	89	89.1	68.5	66.1	74.9	84.7	78.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	48.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	N	Calm	E	NNE	E	W	83.9	32.5	61.5	33.6	211.5	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
2	W	S	S	NE	E	Calm	35.2	66	83.4	38.3	222.9	8	Ci.-S. S	Cu.	8	Ci.-S.	Cu.-N.
3	S	S	S	NE	NE	W	56.9	84	64.7	51.5	257.1	9	A.-Cu. SW	S.-Cu.	2	Ci.-S.	Cu.-N.
4	W	S	S	S	SSW	SW	35.6	89.9	50.9	54.4	230.8	7	A.-Cu. SW	S.-Cu.	8	Ci.-S. W	Cu.-N.
5	S	S	S	SE	N	N	61.8	93.6	68.6	32.5	256.5	7	A.-Cu. SW	S.-Cu.	1	Ci.-S.	Cu.-N.
6	W	SW	S	NE	NE	SW	31.9	70.2	72.7	63.1	237.9	0	-----	-----	1	Ci.	Cu.-N.
7	S	S	S	ENE	SE	Calm	41.5	86.3	63.8	33.3	224.9	7	Ci. N	-----	1	-----	Cu.-N.
8	S	S	S	NE	NE	S	48.8	81.8	73.5	38.4	242.5	5	Ci.	-----	1	Ci.-S.	Cu.-N.
9	SE	S	S	NE	E	W	38.1	90.6	71	59	258.7	0	-----	-----	1	-----	Cu.-N.
10	SW	S	S	SE	SW	Calm	46.1	73.5	98.4	53.6	271.6	1	Ci.-S.	-----	9	-----	Cu.-N. E
11	SW	S	S	NE	E	S	41	74.2	64.7	43	222.9	7	Ci.-S. NE	S.-Cu.	8	A.-Cu. W	Cu.-N.
12	S	S	S	ENE	SW	S	56.3	52.1	94.3	72.4	275.1	7	Ci.-S. S	S.-Cu.	8	Ci.	Cu.-N.
13	S	SE	S	NE	NW	SW	54.9	92.8	79.5	81.5	308.7	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
14	S	S	SSE	NE	S	SW	58.9	108.1	71.4	41.2	279.6	7	Ci.-S. S	S.-Cu.	8	Ci.-S. W	Cu.-N.
15	S	S	S	SE	SE	SE	35.9	85.5	63.4	49.4	234.2	7	Ci.-S. NE	-----	8	Ci.-S.	Cu.-N.
16	SE	S	S	E	E	E	48.8	92	75.9	39.6	256.3	10	Ci.-S.	S.-Cu.	2	Ci.	Cu.-N.
17	SE	SE	SE	ENE	E	SE	49.6	73.7	108.1	55.7	287.1	10	Ci.	-----	10	Ci.-S.	Cu.-N. SE
18	SE	SE	SE	ENE	E	E	51.8	62.8	93	43	250.6	6	Ci. N	-----	7	Ci.-S.	Cu.-N. SE
19	S	S	S	NE	S	SW	45.6	64.4	71.9	51.7	233.6	9	Ci.-S. SE	-----	9	Ci.-S.	Cu.-N.
20	S	SSE	S	NE	NE	S	48	56.5	69.2	67.4	241.1	1	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
21	S	S	S	NE	E	S	78.3	84.3	85	38	285.6	5	Ci.	Cu.	10	Ci.	Cu.-N.
22	S	SSE	SSE	NE	E	S	54.2	71.6	80.2	37.3	243.3	8	Ci.	Cu.	4	Ci.	Cu.-N.
23	S	S	SSE	NE	NE	S	42.1	78.6	75.9	45.4	242	10	Ci.-S.	-----	5	Ci.	Cu.-N.
24	SE	SSE	S	NE	N	SSW	55.7	91.1	72.1	64.1	283	7	Ci. E	Cu.	3	Ci.	Cu.-N.
25	SW	SSW	S	NE	NNW	NW	48.6	97.6	77.9	54.1	278.2	0	-----	-----	1	Ci.	Cu.-N.
26	SW	SSW	S	NE	E	SW	47.3	105.6	66	48.3	267.2	0	-----	-----	1	-----	Cu.-N.
27	S	S	SSE	SE	SE	SE	71.3	100	107.2	64.4	342.9	8	Ci. E	Cu.	9	-----	Cu.-N. S
28	S	SSW	S	NE	NW	W	90.9	126.6	94.8	70.2	382.5	7	Ci. E	Cu.	7	Ci.-S.	Cu.-N.
29	SW	S	SE	NE	N	W	51.7	105.1	89.9	47.5	294.2	7	Ci.	Cu.	4	Ci.	Cu.-N.
30	SW	S	S	NNE	E	Calm	72.2	102.4	90.4	37.5	302.5	8	Ci.	S.-Cu.	8	Ci.	Cu.-N.
Mean	------	------	------	------	------	------	52.8	83.1	78	50.3	264.2	6.2	-----	-----	5.6	-----	-----
Total	------	------	------	------	------	------	-----	-----	-----	-----	7,925	-----	-----	-----	-----	-----	-----

NOTE.—The maximum temperatures for June 16 to 22, have been taken from a self-recording instrument.

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

JULY, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	57.10	56.68	56.95	55.33	55.39	57.26	56.45	27	26.3	28.3	31.6	30.2	27.2	28.4	32.4	26	83	85	78	68	70	83	77.8	0.5
2	55.33	55.49	55.55	54.81	54.28	54.82	55.05	25.4	25.2	29	29.4	26.6	26	26.9	29.8	25	90	90	71	77	77	79	80.7	-----
3	54.12	54.74	54.87	53.56	53.75	55.28	54.39	25.2	26.5	30.6	31.8	30.5	27.9	28.8	33.1	25	83	77	62	61	68	81	72	-----
4	55.03	55.99	56.47	54.89	55.94	57.59	55.98	26.7	25.7	32.4	33	31	29	29.6	35.5	25.4	86	91	64	69	72	79	76.8	-----
5	57	57.22	57.56	56.68	56.64	58.54	57.27	27.4	26	32.4	32.1	31.3	28.9	29.7	33.6	25.5	84	89	57	72	73	83	76.3	-----
6	58.04	58.33	58.22	57.03	57.52	59.74	58.15	27.3	26.2	32.2	33	31	29.1	29.8	34.2	25.8	88	90	66	64	72	78	76.3	6.9
7	59.18	58.94	59.14	57.42	57.57	59.76	58.67	24	24.4	30.1	33.4	30.6	28.8	28.6	35.3	23.8	93	91	71	65	80	86	81	-----
8	59.91	60.36	60.12	58.05	57.53	60.39	59.39	27	26.7	31.4	35	33.2	29	30.4	35.5	26	90	85	65	54	56	76	71	-----
9	60.43	60.56	60.98	59.36	59.12	60.42	60.14	27.4	26.2	31.5	33.9	32.5	28.1	29.9	35.2	26	83	87	69	62	68	84	75.5	-----
10	60.49	60.76	61.35	59.19	59.07	60.23	60.18	26.4	26.7	31.9	32.9	31.2	28	29.5	34	25.8	87	79	61	62	67	80	72.7	-----
11	59.56	59.76	60.42	58.44	57.58	59.58	59.22	26.1	26	32.4	33.8	32.5	28.9	30	34.5	25.3	89	87	60	65	66	78	74.2	-----
12	59.24	59.42	59.32	57.55	57.12	59.09	58.62	26.9	26	32	33.2	32	28.8	29.8	33.7	25.6	86	87	58	64	69	76	73.3	-----
13	58.71	58.79	58.57	56.90	56.79	58.51	58.04	26	25.9	31.7	32.8	30.4	28	29.1	33.6	25.6	88	85	59	67	70	79	74.7	-----
14	58.19	58.33	58.74	56.81	57.52	58.76	58.06	26.8	25.5	30	32.8	29.6	26.2	28.5	33.6	25.2	84	88	71	62	67	85	76.2	3
15	58.73	58.93	60.23	59.30	57.74	60.26	59.20	25.7	26	27.1	28.3	27.2	26	26.7	28.7	24.8	89	89	84	72	83	89	84.3	4.9
16	60.24	59.86	60.55	60.01	60.47	61.27	60.40	24.7	24.3	27.1	24	25.2	24.7	25	29.5	23.8	94	92	83	92	88	92	90.2	12.7
17	59.55	60.15	59.45	58.44	57.99	59.41	59.16	23.9	23.6	26.4	30	29.8	27.1	26.8	31.8	23.2	92	93	83	66	71	87	82	-----
18	58.33	58.53	58.31	56.77	56.88	57.85	57.78	25.1	24.1	28.3	30.6	28.5	26.7	27.2	31.6	23.8	92	94	75	68	80	88	82.8	.5
19	56.73	56.74	56.96	55.53	55.26	56.96	56.36	25.7	24.2	28.8	31.4	29	27.2	27.7	31.8	23.8	86	93	78	66	78	83	80.7	-----
20	55.80	55.91	56.19	55.13	55.74	57.01	55.96	25.6	25	29.8	31.3	28.7	25.4	27.6	31.6	24.8	90	92	73	70	83	93	83.5	26.2
21	56.01	56.47	57.19	56.15	56.78	58.79	56.90	25	24.7	29.4	30.4	29.6	27.9	27.8	32.9	24.4	93	94	79	72	77	85	83.3	-----
22	57.52	57.26	57.86	56.39	57.18	58.91	57.52	26.2	25.6	30.6	32.5	30	26.2	28.5	33.7	25.3	92	90	74	68	74	90	81.3	-----
23	57.19	57.33	57.90	56.23	56.06	57.72	57.07	25.2	25.1	30.4	31.6	26	25	27.2	32.2	24.6	90	88	70	67	84	92	81.8	-----
24	56.06	55.62	55.49	54.19	53.79	55.28	55.07	24.7	24.7	30.7	31.8	29.9	28.2	28.3	32.2	24.4	92	92	69	66	73	82	79	-----
25	54.55	54.35	54.94	53.43	53.71	55.60	54.43	26.1	26	30	31	29.2	28	28.4	31.7	25.6	89	87	71	72	75	82	79.3	-----
26	54.01	53.99	54.08	52.66	52.51	53.63	53.48	25.9	26	29.1	31.1	28.8	26.2	27.8	31.6	25.4	94	95	78	71	82	84	84	-----
27	53.43	52.15	52.74	51.23	51.19	52.08	52.14	25.2	25.2	29	31.8	29.5	26.8	27.9	32.6	25	90	90	75	64	79	89	81.2	1
28	51.27	51.40	52.11	50.12	50.05	52.07	51.17	25.6	25.4	30	33.2	30.5	27.3	28.7	33.7	25	93	93	73	65	71	90	80.8	-----
29	51.03	51.12	51.35	49.73	49.50	51.04	50.63	26.1	25.6	29.4	31.9	30.6	28.7	28.7	32.5	25.4	94	93	78	69	77	85	82.7	9.2
30	49.94	50.07	51.09	50.38	50.36	51.47	50.55	27.2	26.7	29.4	28.9	27.5	26.5	27.7	31.2	24.7	92	93	79	83	88	93	88	10.2
31	50.94	51.50	52.54	52.04	52.87	54.28	52.36	26	26	28.9	30.3	26	25	27	31.2	24.7	89	84	75	72	90	95	84.2	7.9
Mean	56.57	56.67	57.01	55.60	55.61	57.21	56.44	25.9	25.5	30	31.6	29.6	27.3	28.3	32.7	25	89.2	89.1	71.3	68.2	75.1	84.7	79.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	83

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	S	S	S	SE	NE	W	99	146.4	63.1	69.2	377.7	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu. SW
2	SW	SSW	S	S	S	S	86.6	98.2	85.3	107.2	377.3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu. SW
3	S	S	SSW	S	SW	S	-----	-----	84.7	37.2	-----	10	A.-Cu. SW	S.-Cu.	9	A.-Cu. SW	S.-Cu.
4	Calm	SW	S	NNE	NE	Calm	32.7	96.6	108.1	35.7	273.1	0	-----	-----	2	A.-Cu. SW	Cu.-N.
5	W	W	SW	NNE	E	SE	46.1	96.6	99.5	52.5	294.7	0	-----	-----	0	-----	-----
6	S	S	S	NNE	NNE	N	42.8	80.5	98.8	71.4	293.5	0	-----	-----	0	-----	-----
7	SW	SW	S	NE	NNW	NW	60.9	124.5	114.9	75.6	375.9	0	-----	-----	1	-----	Cu.-N.
8	NW	S	S	NNE	SE	W	49.6	104	98.5	56.6	308.7	0	-----	-----	1	-----	Cu.-N.
9	SW	SW	Calm	NE	ENE	Calm	37.3	60.6	91.7	45.7	235.3	2	A.-Cu.	S.-Cu.	2	Ci.-S.	Cu.-N.
10	S	SSE	NE	NE	SSE	S	74.6	73.4	112.3	44.1	304.4	0	-----	-----	1	Ci.-S.	Cu.-N.
11	Calm	S	S	NE	E	SW	37.3	77.5	103.2	45.3	263.3	0	-----	-----	1	-----	Cu.-N.
12	SW	S	S	NE	E	S	40.7	74.5	112.9	69.2	297.3	0	-----	-----	0	-----	-----
13	S	S	S	NE	ENE	Calm	43.7	74	123.1	50.4	291.2	7	Ci.-S. SW	-----	1	-----	Cu.-N.
14	S	Calm	NE	ENE	SE	SE	31.9	54.7	107.8	43.1	237.5	8	Ci. SW	Cu.	7	Ci.-S.	Cu.-N.
15	Calm	SSE	SE	E	Calm	Calm	33.3	50.4	65	26.4	175.1	5	Ci.	Cu.-N. S	10	Ci.-S.	S.-Cu.
16	NE	W	SSE	ENE	ENE	E	40.2	30	65.7	44.5	180.4	10	Ci.-S.	S.-Cu.	10	-----	N. SE
17	E	S	S	NE	NE	E	49.6	56.3	71	75.8	252.7	10	-----	Cu.-N. E	8	Ci.-S.	Cu.-N.
18	Calm	SW	Calm	NE	ENE	E	35.1	40.2	79.2	49.7	204.2	8	Ci.-S.	S.-Cu. SE	8	Ci.-S.	Cu.-N.
19	SW	SW	NW	NE	NE	NW	46.5	46.7	89.1	36.4	218.7	8	Ci.	Cu.-N.	1	Ci.-S.	Cu.-N.
20	NW	Calm	NW	N	NW	W	48	53.4	106.2	59.5	267.1	7	Ci.-S. S	Cu.	6	Ci.-S.	Cu.-N.
21	SW	SW	SSE	NNE	NE	SE	70	85	63	38	256	7	Ci.-S.	Cu. S	10	Ci.-S.	Cu.-N.
22	SW	S	SSE	NE	NE	SW	42.5	83.1	91.1	56.9	273.6	8	Ci.	Cu.	8	Ci.-S.	Cu.-N.
23	S	S	S	NNE	SW	S	107	87.7	96.9	51.2	342.8	10	A.-Cu. E	S.-Cu.	9	Ci.-S.	Cu.-N.
24	S	S	S	NNE	NNW	N	92.3	69.8	91.1	45.1	298.3	3	Ci.-S.	Cu.	9	Ci.-S. SW	Cu.-N.
25	S	SSE	S	ENE	N	N	84.8	76.2	92.8	40.8	294.6	10	A.-Cu. SW	S.-Cu. S	7	Ci.-S. SW	Cu.-N.
26	W	S	NW	NNW	NNW	SW	49.7	60.4	143.4	72.2	325.7	8	A.-Cu. SE	S.-Cu.	8	Ci. S	Cu.-N. sw
27	S	S	S	NNE	SW	S	63.8	102.7	59.8	65.2	291.5	8	Ci.-S.	S.-Cu.	10	-----	Cu.-N. S
28	S	SSE	S	NE	NE	SW	80.3	89.8	82.4	49.7	302.2	9	Ci. E	Cu.	8	Ci. E	Cu.-N.
29	Calm	SW	Calm	NE	ENE	E	34.1	39.4	87.5	89.3	250.3	10	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. NE
30	NE	ESE	NE	Calm	Calm	Calm	47.2	55.7	34.1	29.3	166.3	10	Ci.-S.	S.-Cu. E	10	-----	Cu.-N. SE
31	S	S	S	S	N	SW	82.6	79.7	58.9	44.1	265.3	10	Ci.-S.	S.-Cu. SE	10	Ci.-S.	S.-Cu.
Mean	-----	-----	-----	-----	-----	-----	56.3	75.6	89.7	54.1	276.5	6.1	-----	-----	5.9	-----	-----

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, −1.57 mm.]

AUGUST, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1	53.97	54.13	54.46	53.70	54.46	56.70	54.57	25	25.2	28	29.9	29	26.3	27.2	30.5	24.6	95	95	82	76	79	90	86.2	4.8
2	55.21	54.54	54.83	54.47	54.84	55.64	54.92	25	25	29.4	30.6	29.6	28	27.9	31.8	24.7	93	92	72	74	79	88	83	------
3	55.01	55.32	56.19	54.42	54.44	56.24	55.27	26.8	26.2	31.2	30.1	30	28.1	28.7	32.6	26	94	94	68	77	77	85	82.5	------
4	54.37	54.91	55.01	53.80	54.77	55.88	54.79	26.1	25.4	30.8	32.3	31	26.8	28.7	33.2	25.1	91	90	69	64	75	89	79.7	------
5	55.01	55.11	55.65	54.89	55.88	56.78	55.55	26	25.1	30.5	29.7	24.5	24.4	26.7	32.9	24	89	91	69	73	94	95	85.2	14.5
6	55.81	55.94	56.27	54.90	55.60	57.30	55.97	24	24.6	27.6	29.8	28	27.2	26.9	30.1	23.7	95	93	83	75	88	90	87.3	------
7	56.71	56.22	56.51	54.58	54.83	56.29	55.86	25.8	25.3	27.2	30	27.8	26.5	27.1	32.9	25	90	91	86	82	89	90	88	.3
8	55.03	53.57	54.35	53.40	53.30	53.87	53.92	26	25.5	29	30.5	28.8	27.6	27.9	32.2	25.3	89	89	68	66	79	86	79.5	.8
9	52.99	52.40	53.42	52.09	53.16	54.83	53.15	26.2	25.9	31.5	32.8	30.7	28.6	29.3	33.2	25.4	89	91	65	62	75	79	76.8	------
10	54.01	54.31	54.93	53.80	54.92	56.63	54.77	27.2	26.5	31	32.5	30.2	28.2	29.3	33.3	26.1	83	83	68	69	75	82	76.7	5.6
11	55.87	56.22	56.50	54.71	55.69	56.69	55.95	26.2	25.1	30.3	32	28.5	27	28.2	33.6	24.8	87	89	68	66	80	83	78.8	------
12	55.23	55.43	54.96	54.04	54.91	55.68	55.04	26.5	26	30	29.2	26.2	25.4	27.2	32.7	24.8	85	87	69	78	90	93	83.7	8.9
13	54.56	54.68	55.17	53.78	55.16	56.04	54.90	25	25	27.8	32.6	24.3	24.5	26.5	32.9	24	93	92	82	60	94	93	85.7	13.2
14	55.72	55.85	56.31	55.07	55.64	57.27	55.98	24.6	24.8	29.4	32.1	27.5	25.5	27.3	32.8	24.4	92	92	74	61	79	89	81.2	------
15	56.51	56.83	57.64	56.16	57.03	58.69	57.14	24.9	24.2	28.6	32	29.8	25.9	27.6	33	24	89	93	80	70	75	91	83	5.6
16	58.18	58.33	58.56	57.23	57.49	58.53	58.05	24.6	24.2	29.6	31.5	29.8	28.3	28	32	23.8	92	93	74	68	75	82	80.7	------
17	57.42	57.95	58.04	56.44	55.94	56.96	57.12	26.1	24.9	29.3	30.6	29.1	28.2	28	30.8	24.4	91	91	72	71	83	86	82.3	1.3
18	56.38	56.33	56.49	54.98	54.84	56.51	55.92	26.4	25.4	29.6	31	29.3	27.8	28.2	32	25.2	90	93	80	73	79	86	83.5	------
19	55.61	55.69	56.05	54.69	54.78	55.53	55.39	26.3	25.4	30.4	29.9	29.8	27.9	28.3	32.3	25.2	91	95	79	79	75	85	84	22.1
20	54.90	55.51	55.81	54.36	53.91	54.79	54.88	27	25.2	28.3	27.6	27.8	26.8	27.1	29.4	24.9	89	93	87	89	89	95	90.3	9.8
21	53.62	53.93	54.50	53.50	53.64	55.04	54.04	25.8	25.2	25	25.6	25.2	25	25.3	26.6	24.5	93	95	94	93	93	92	93.3	28.5
22	53.96	53.98	55.04	53.62	54.14	56.06	54.47	25	25.2	29.8	31.2	30	26.4	27.9	32.5	24.5	95	93	71	66	74	89	81.3	------
23	54.91	54.33	55.44	53.56	53.92	55.26	54.57	25.2	25	30.5	32.5	28.6	25	27.8	33	24.5	92	90	68	58	80	95	80.5	12.2
24	54.24	54.04	54.43	53.07	53.84	56.07	54.28	25	25.1	29.8	30.8	28.5	25.5	27.4	31.5	24.5	95	94	69	69	80	93	83.3	2.3
25	54.66	54.86	55.75	55.36	55.59	57.22	55.57	25	25.1	30.2	26.6	27	26	26.6	33	24.5	93	92	69	89	84	90	86.2	3
26	56.53	56.63	57.36	55.86	57.06	58.61	57.01	25.1	25.2	29.9	31.4	27.8	26	27.6	33.3	25	96	93	75	70	84	92	85	2.5
27	58.07	58.46	59.10	57.26	57.90	59.40	58.36	25.8	25.4	29.4	33	28.6	26.2	28.1	33.4	25	93	93	80	68	80	90	84	------
28	58.96	59.09	59.81	58.04	59.04	59.99	59.16	25.2	24.7	30.1	30.6	27.7	24.2	27.1	31.7	23.6	92	92	71	74	82	91	83.7	2.3
29	59.30	59.15	59.49	57.27	57.52	59.06	58.63	23.6	23.5	28	31.2	30	27.4	27.3	32.2	23.3	93	94	76	64	74	89	81.7	------
30	58.27	58.36	58.36	57.83	57.46	58.24	58.09	26.1	25.2	29.7	30.9	29.5	27.2	28.1	31.4	25	89	90	73	72	76	87	81.2	------
31	57.54	57.42	58.14	56.58	56.36	57.07	57.18	26	24.6	28.9	29.1	28.2	26.9	27.3	30.1	24.4	92	93	78	77	85	90	85.8	2.6
Mean	55.76	55.79	56.28	54.95	55.42	56.74	55.82	25.6	25.1	29.4	30.6	28.5	26.6	27.6	32	24.7	91.3	91.8	74.8	72	81.3	88.9	83.4	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	140.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	SE	S	SW	W	Calm	79.7	117.3	57.6	39.6	294.2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
2	SW	SE	S	NE	E	E	74.3	112	70.8	50.2	307.3	10	Ci.-S.	S.-Cu. S	10	A.-Cu. NW	S.-Cu.
3	S	SW	SW	NNW	Calm	SE	63.8	64.4	74.3	47	249.5	9	Ci.	S.-Cu. W	8	Ci.-S. W	Cu.-N.
4	S	S	S	NNE	NE	S	116.2	80.2	93.3	77.5	367.2	7	A.-Cu. SE	S.-Cu.	7	Ci. E	Cu.-N.
5	S	S	S	N	SE	S	86.1	83.1	94.8	72.7	336.7	10	Ci. E	Cu.	10	------	S.-Cu. SW
6	S	S	S	S	Calm	WSW	148.6	119.9	55.7	38.3	362.5	10	Ci.-S.	S.-Cu.	10	A.-S.	S.-Cu.
7	S	S	S	NW	Calm	SE	66	91.1	70.2	34.6	261.9	8	Ci.-S.	S.-Cu.	8	------	Cu.-N. sw
8	SW	SSE	SSW	N	SW	S	85.8	106.2	61.5	80.8	334.3	8	Ci.-S.	S.-Cu.	10	------	Cu.-N. W
9	S	S	S	NNE	E	SW	86.3	115.6	76.6	67	345.5	7	Ci. E	S.-Cu.	10	Ci.	Cu.-N.
10	S	S	S	NNE	Calm	SW	89.1	104.8	65.5	60.9	320.3	10	Ci.-S. NE	S.-Cu.	8	A.-Cu. W	Cu.-N.
11	S	S	S	N	SE	S	45.9	95.8	67.3	116.5	325.5	1	Ci.-S.	S.-Cu.	8	A.-Cu. W	Cu.-N.
12	S	SSE	S	NNE	SE	S	98.5	120.2	69.4	92	380.1	6	Ci.-S. E	S.-Cu.	8	Ci.-S. E	Cu.-N.
13	S	SSE	S	SSE	SE	S	88.8	130	91.1	35.1	345	8	A.-Cu. SE	S.-Cu.	9	Ci.-S.	Cu.-N.
14	S	S	S	NE	N	SW	39.6	88.2	62.5	50.4	240.7	9	A.-Cu. SW	S.-Cu.	4	A.-Cu. SW	Cu.-N.
15	SW	S	S	NE	N	S	44	58.9	82.1	74.6	259.6	0	------	------	0	------	------
16	SW	SSW	SW	NNE	NNW	N	61.2	56.9	98.5	82.1	298.7	0	------	------	1	------	Cu.-N.
17	NW	W	SW	N	NW	NW	47.3	52.5	88.5	79.2	267.5	8	A.-Cu. S	Cu.	9	Ci.-S.	Cu.-N.
18	S	SW	S	NE	NE	Calm	43.1	34.1	53.4	25.9	156.5	10	Ci.	Cu.-N. E	10	Ci.-S. S	Cu.-N.
19	NW	W	NNE	NE	NE	NE	43.5	40.2	74.2	49.3	207.2	7	Ci. S	Cu.-N. E	9	Ci.-S. S	Cu.-N.
20	NW	SW	NW	NE	Calm	NW	54.4	75.3	51.3	39.7	220.7	10	------	Cu.-N. E	10	------	N. NE
21	W	SW	SW	SSW	SSE	S	50.9	81.8	85.3	121	339	10	------	N.	10	------	N.
22	S	S	S	NNE	SE	S	90.4	75	73.7	77.7	316.8	10	A.-Cu. SW	S.-Cu.	8	A.-Cu. SW	Cu.-N.
23	S	S	S	SW	SE	S	96.8	102.7	89.9	76.4	365.8	4	Ci.	Cu.	7	A.-Cu. SW	Cu.-N.
24	S	S	SSW	NNE	NW	S	40.2	71	95.8	99.8	306.8	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
25	S	S	SSW	E	SE	SSE	76.2	101.4	54.1	35.7	267.4	10	A.-Cu. SW	S.-Cu. S	10	------	S.-Cu. SW
26	SW	S	S	NW	NE	Calm	54.4	98.2	83.4	34.9	270.9	10	Ci.-S.	S.-Cu.	7	------	Cu.-N. sw
27	S	S	S	ENE	NW	W	34.3	68.9	77.9	68.6	249.7	3	Ci.	S.-Cu.	8	Ci.-S. E	Cu.-N. S
28	SW	SW	S	NE	W	SSE	43.1	49.9	73.4	115.3	281.7	1	------	S.-Cu.	4	Ci.-S. E	Cu.-N.
29	S	S	S	N	NE	W	117.2	96.9	74.3	50.2	338.6	10	------	S.-Cu. S	5	Ci. E	Cu.-N.
30	SW	S	S	N	NNW	NW	49.9	93.6	117.8	90.1	351.4	6	Ci.-S. E	------	9	Ci. E	Cu. N
31	W	S	SW	NNE	NW	WNW	56	88.5	86.6	41.5	272.6	10	Ci. E	Cu.	10	------	S.-Cu. ENE
Mean	------	------	------	------	------	------	70.1	86.3	76.5	65.3	298.1	7.5	------	------	7.9	------	------
Total	------	------	------	------	------	------	------	------	------	------	9,241.6	------	------	------	------	------	------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

SEPTEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	56.58	56.48	57.78	55.86	55.86	57.29	56.64	26.2	25	26.9	28.8	28.2	26.7	27	29.8	24.6	90	93	86	78	83	91	86.8	0.5
2	56.18	56.53	56.86	54.77	55.21	56.95	56.08	25.8	24.5	28.6	30.2	28.3	27.2	27.4	32	24.1	93	92	77	70	82	89	83.8	------
3	56.20	56.43	56.88	55	55.15	56.71	56.06	25.9	25	27	28.2	27.7	26.7	26.8	28.8	24.8	89	93	80	77	84	88	85.2	------
4	55.28	55.44	56.60	54.21	54.64	56.14	55.38	25.9	24.9	28.2	29.4	28.8	26.2	27.2	30.1	24.5	91	92	82	79	82	94	86.7	44.7
5	54.68	54.76	55.20	53.40	53.39	55.04	54.41	25.9	25.3	29.4	30.3	28.8	27.3	27.8	30.6	24.9	93	93	75	74	82	90	84.5	------
6	54.11	53.93	54.16	52.37	52.59	53.98	53.52	25.9	25.1	29.2	30.6	28	26.1	27.5	31.1	24.7	91	91	75	78	85	94	85.7	------
7	52.86	52.30	52.97	51.58	51.74	53.07	52.42	25.3	25.8	28.5	29.8	28.7	27	27.5	30.2	25	93	88	76	73	81	89	83.3	------
8	52.38	51.68	53.38	51.25	51.65	53.26	52.27	25.3	25.2	27	28	28.3	26.4	26.7	29	25	94	93	81	73	77	87	84.2	.3
9	53.13	53.37	54.41	53.34	54.13	55.53	53.98	24.9	24	28.2	29.8	28.1	24.8	26.6	30.3	23.7	87	91	73	71	82	92	82.7	------
10	54.40	54.46	55.39	53.69	54.14	55.78	54.64	24	24.2	28.8	30.3	27.6	24.9	26.6	31.2	23.7	95	95	78	76	84	92	86.7	8.3
11	55.41	55.58	56.20	54.94	55.14	56.54	55.64	24.2	25	27.9	29.8	28	26.8	27	30.6	24	95	92	81	70	73	81	82	------
12	56.11	56.26	56.95	55.58	55.64	57.10	56.27	25.4	25	28.4	28.2	28	27	27	31	24.7	90	92	71	77	73	80	80.5	.8
13	57.11	57.18	57.90	56.05	55.96	57.79	57	25.7	25	29.8	30.7	28.2	27	27.7	31	24.4	89	93	66	64	72	77	76.8	------
14	57.48	57.54	58.49	57.09	57.33	58.93	57.81	25.6	24	29.4	31.4	29	27.9	27.9	31.8	23.5	84	91	66	63	71	75	75	------
15	58.03	58.12	59.05	57.52	57.77	60.04	58.42	26	24.2	29.4	32	28.5	26	27.7	32.4	24	84	93	72	60	67	81	76.2	------
16	58.98	59.23	60.43	58.79	58.98	60.24	59.44	25.1	24.2	28.9	29.2	28.5	26.5	27.1	32.8	24	86	91	73	83	78	90	83.5	6.4
17	60.12	60.36	60.64	59.09	59.22	60.83	60.04	25.2	25	30	32	29.2	27.9	28.2	32.9	24.6	92	92	67	67	75	81	79	------
18	59.96	59.74	60.79	58.27	58.82	60.54	59.69	26.4	25.3	30.3	31.9	29.2	27.9	28.5	32.4	25	89	94	74	70	79	84	81.7	4.1
19	59.05	59.21	59.65	57.51	57.89	59.95	58.88	26.5	25.4	29.6	30.4	29.1	27.3	28	32.7	25.2	88	93	77	75	80	88	83.5	------
20	58.70	59.18	59.48	56.96	57.26	58.86	58.41	26.2	25.4	29.1	31.3	28.3	27.1	27.9	31.7	25.1	92	93	76	64	81	87	82.2	------
21	58.51	58.66	60.26	57.63	58.59	59.99	58.94	25.5	25	29.9	31.9	29	27.4	28.1	32.6	24.6	91	92	74	64	81	89	81.8	------
22	59	59.16	60.22	58.07	58.55	59.85	59.14	26.1	25.5	30.6	31.2	28.7	27.6	28.3	32.1	25.4	94	94	74	68	78	83	81.8	.5
23	59.24	59.52	59.84	57.73	58.09	59.03	58.91	26.7	26	30	30.6	28.5	27.4	28.2	31.7	25.5	88	92	75	74	77	81	81.2	2.5
24	58.43	58.55	59.39	57.12	57.11	58.76	58.23	26.1	25	29.5	30.5	28.4	27.1	27.8	31.8	24.5	88	93	74	68	77	83	80.5	------
25	58.01	58.14	58.83	56.86	57.44	58.95	58.04	25.9	24.7	29.9	31.1	28.6	27.3	27.9	33	24.3	88	92	73	69	79	85	81	------
26	58.44	58.56	59.18	57.07	57.41	59.34	58.33	25.1	25	28	31.5	28.7	26.8	27.5	32.7	24.8	94	92	82	69	75	84	82.7	------
27	58.53	58.73	58.69	57.12	58.69	60.14	58.65	24.7	24	29.8	31.1	26.2	25.1	26.8	33.3	23.8	89	91	68	67	90	92	82.8	7.1
28	58.07	58.88	59.66	57.63	59.01	59.86	58.85	24.2	23.2	28.1	31.5	26.2	24.9	26.4	32.4	23	93	93	76	66	87	92	84.5	------
29	58.67	58.80	59.91	57.77	58.09	60.33	58.93	24	23.4	28.6	31.4	29.5	26.4	27.2	32.7	23	91	91	75	70	75	90	82	------
30	59.91	60.04	60.65	59	59.38	61.49	60.08	25.5	25	30	31.6	29	26.7	28	32	24.7	91	92	69	72	74	85	80.5	------
Mean	57.12	57.23	57.99	56.11	56.50	58.08	57.17	25.5	24.8	29	30.5	28.4	26.7	27.5	31.6	24.4	90.4	92.2	74.9	71	78.8	86.5	82.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	75.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	W	SW	SW	NW	NW	SW	42.6	50.9	114.8	75.8	284.1	10	------------	N.	10	Ci.-S. ENE	Cu. NNW
2	SW	SW	S	NNE	NW	NW	45.6	59.8	125.8	120.2	351.4	7	Ci.-S. S	S.-Cu. NW	7	Ci. ENE	Cu.-N.
3	W	SW	Calm	NW	NW	W	39.7	39.2	92.3	98.8	270	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. E
4	NW	W	SW	NNW	NW	N	54.9	58.4	112.7	89.5	315.5	9	Ci.-S.	S.-Cu. E	8	Ci.-S. NE	Cu. NW
5	NW	WSW	WNW	NW	NW	NW	60.6	57.6	134.4	91.5	344.1	5	Ci. E	Cu.-N. NW	1	------------	Cu.
6	W	SW	SW	NNW	Calm	SW	51.8	42.5	116.1	33.6	244	10	Ci.-S. E	Cu.-N. NW	6	A.-Cu. WNW	Cu. NW
7	SW	SW	NW	NNW	NW	NW	40.8	83.1	202.1	118.8	444.8	5	------------	S.-Cu. NW	2	------------	Cu.-N. WNW
8	SW	SSW	NW	NW	NW	NW	50.1	107	133.9	55	346	7	Ci. E	S.-Cu.	9	------------	Cu.-N. W
9	S	S	Calm	N	NE	SW	67	54.7	65	57.6	244.3	6	A.-Cu. S	Cu.	8	A.-Cu. S	Cu.
10	SW	S	SSE	ENE	ENE	SW	51.8	67.6	81.8	67.3	268.5	10	Ci. NW	S.-Cu.	9	A.-Cu. E	Cu.-N.
11	Calm	ESE	SW	NE	ENE	ENE	41.5	41.5	77.9	53.3	214.2	10	------------	N. E	9	------------	Cu.-N. E
12	S	SW	SE	N	ENE	ENE	36.2	39.2	71.1	81.3	227.8	10	------------	S.-Cu. E	10	A.-Cu. W	Cu.-N.
13	SW	W	E	NE	ENE	ENE	48.5	44	71.6	67	231.1	10	------------	S.-Cu. E	1	Ci.	Cu.-N.
14	Calm	Calm	S	NE	ENE	ENE	28.4	45.7	88.2	95	257.3	1	A.-Cu. E	S.-Cu.	1	A.-Cu. SE	Cu.-N.
15	SE	S	S	ENE	SE	Calm	48.9	75.6	74	35.6	234.1	0	------------	------------	1	A.-Cu. SSE	Cu.
16	S	S	S	E	SE	Calm	35.2	75.6	50.9	28.5	190.2	0	------------	------------	5	------------	Cu.-N. SE
17	SW	SW	S	NE	ENE	E	42	80.2	85.9	104	312.1	7	Ci.-S. E	Cu. SE	0	------------	------------
18	Calm	Calm	ENE	ENE	ENE	ENE	37.3	52.5	105.7	87.5	283	1	------------	Cu.	0	------------	------------
19	NE	Calm	E	E	ENE	E	58.9	48.5	85.6	63.4	256.4	5	------------	Cu.-N. E	7	------------	Cu.-N. E
20	S	S	S	S	ENE	ENE	31.6	75	70.2	51.5	228.3	9	Ci.-S. SE	S.-Cu.	9	Ci.-S.	Cu. S
21	S	S	S	NE	NE	E	63.1	75	87.9	72.4	298.4	5	Ci.-S. SW	S.-Cu.	1	Ci.-S. SW	Cu.-N.
22	Calm	Calm	SE	NE	ENE	E	22.8	41.5	85.3	102.2	251.8	8	A.-Cu. SW	Cu. SE	2	A.-Cu.	Cu.-N. SE
23	NE	Calm	ENE	NE	ENE	E	41.2	39.2	88	48.9	217.3	1	------------	Cu.-N.	1	------------	Cu.-N.
24	SW	W	ESE	NE	ENE	Calm	42.5	50.5	84.7	42.8	220.5	2	------------	S.-Cu.	1	------------	Cu.-N.
25	SW	SW	S	NE	NE	Calm	42.5	50.1	81.5	36.8	210.9	0	------------	------------	1	------------	Cu.-N.
26	W	S	S	ENE	ENE	SW	51.5	85.3	93.3	62.5	292.6	0	------------	------------	1	------------	Cu.-N.
27	S	SSE	S	NE	Calm	S	75.6	90.4	63.4	47.7	277.1	0	------------	------------	2	------------	Cu.-N.
28	S	SSE	SSE	N	W	S	101.7	113	56.3	86.6	357.6	4	A.-Cu. SW	S.-Cu.	8	Ci.-S. E	Cu.-N.
29	S	S	S	ENE	ENE	E	63.8	95	77.5	32.8	269.1	8	Ci.-S. NE	Cu.	8	Ci.-S. E	Cu.-N. S
30	SW	S	S	NE	ENE	Calm	43.1	72.4	105.6	56.1	277.2	9	Ci. E	Cu.	4	Ci.-S. E	Cu.-N.
Mean	------	------	------	------	------	------	48.7	63.7	92.8	68.8	274	5.6	------------	------------	4.7	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	8,219.7	----	------------	------------	----	------------	------------

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

OCTOBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	60.91	61.10	61.46	59.35	59.32	60.61	60.46	25	24.1	29.8	31.1	28.4	27.1	27.6	32	23.8	92	92	71	71	77	83	81	0.5
2	59.34	59.51	59.86	57.27	57.83	58.84	58.78	25.9	25.1	29.9	30.5	27.8	26.9	27.7	31.2	24.8	89	94	75	68	84	88	83	12.6
3	57.16	57.39	57.93	55.24	56.01	57.29	56.84	25.2	25.1	29.9	30.9	27.4	26.6	27.5	31.4	24.8	95	96	77	72	86	89	85.8	.5
4	56.22	56.56	57.64	55.71	55.91	57.35	56.56	25.4	25	29.1	31.6	28.6	27	27.8	32	24.8	93	95	71	72	78	84	82.2	------
5	56.38	56.80	57.35	55.39	55.54	57.11	56.43	25.8	24.4	31	31.1	28.1	26.7	27.8	31.7	24.2	90	95	69	67	71	77	78.2	------
6	55.56	55.70	56.26	54.29	54.53	56.09	55.40	24.3	23.2	29.3	31	28.4	27	27.2	31.5	23	87	93	73	65	77	84	79.8	------
7	55.06	55.22	55.89	53.92	54.28	56.10	55.08	25	24.2	30	31.1	28.5	26.6	27.6	31.8	23.9	92	94	69	67	77	86	80.8	------
8	55.14	55.98	57.75	54.89	55.26	57	56	25.2	24.2	27.5	31.6	28.7	26.3	27.2	32	23.7	88	93	77	64	73	86	80.2	------
9	56.47	56.68	57.70	55.73	56.24	57.82	56.77	25.4	24.5	30	29.9	28.2	27.8	27.6	31.7	24.2	88	91	68	74	77	77	79.2	------
10	57.16	57.85	58.61	56.60	57.60	59.79	57.94	25.8	24.5	28.9	30.7	28.5	26	27.4	32.6	24.2	85	89	76	74	73	86	80.5	------
11	60.05	60.36	61.10	58.98	59.82	60.96	60.21	25.5	25.1	28.5	30.5	28.6	26.8	27.5	30.8	25	90	92	78	72	85	90	84.5	------
12	60.22	60.20	60.60	58.44	59.03	60.24	59.79	25.8	25	29.6	31.5	28.2	27	27.8	32	24.6	93	93	75	69	80	86	82.7	10.7
13	59.03	59.36	59.67	57.61	57.64	58.92	58.71	25.6	25	27.6	29	27	26	26.7	30.1	24.5	88	92	86	78	87	92	87.2	1.3
14	57.82	58.08	59.16	57.14	57.33	58.49	58	25	24.6	28.8	30.4	27	25.1	26.8	31.5	24.3	93	93	78	69	80	89	83.7	------
15	58.19	58.41	59.20	57.23	57.21	59.16	58.23	25	24.6	28.1	27.6	26.2	25.5	26.2	30	24.5	92	93	79	84	86	88	87	------
16	57.96	58.77	58.85	56.74	57.69	59.34	58.22	24.9	24.5	29.1	29.8	28.5	26.2	27.2	31.6	24.1	91	92	75	76	83	90	84.5	------
17	58.48	58.68	59.64	57.03	57.44	59.56	58.47	24.9	24.1	29.3	30.4	28.2	26.6	27.2	30.6	23.8	92	94	74	70	82	86	83	------
18	58.27	59.15	59.38	57.10	58.14	59.41	58.58	25.3	24.5	29.3	31.1	28.9	27.6	27.8	31.7	24.2	93	94	69	66	71	79	78.7	3.3
19	58.01	58.96	59.79	57.29	58.21	59.53	58.63	25.6	24.2	29.1	31.3	28.8	27	27.7	31.9	24	87	94	80	70	79	89	83.2	.5
20	59.21	59.44	60.39	58.07	58.39	60.21	59.28	25.7	25.1	30.6	32.1	28.7	26.6	28.1	32.8	24.8	91	91	70	68	80	90	81.7	.5
21	59.19	59.55	60.29	58.07	57.91	59.44	59.08	25.2	24.6	31.2	30.5	28	26.3	27.6	32.5	24.3	93	93	66	72	85	91	83.3	------
22	58.92	59.28	59.31	57.28	57.94	58.85	58.60	25	24	29	31	28.5	27.8	27.6	32.4	23.3	93	95	78	71	83	86	84.3	2.3
23	57.15	56.64	57.71	55.39	55.71	56.06	56.44	27.9	27.7	30.5	28	27	26.1	27.9	31.5	25.8	85	85	78	85	86	91	85	13.8
24	54.50	54.30	54.95	51.61	52.17	53.62	53.52	25.2	25.1	26.2	25.6	25.8	25	25.5	26.7	24.6	97	96	90	88	89	93	92.2	18.3
25	52.40	51.70	52.74	50.60	52.48	54.33	52.38	24.8	24.7	26.9	29.6	26.7	25	26.3	30.8	24	93	92	89	77	90	92	88.8	.5
26	54.57	55.45	56.96	55.36	56.42	58.22	56.16	24	23.5	27.9	30.9	27	26.2	26.6	31.2	23.3	91	94	77	76	81	85	84	------
27	57.18	57.43	57.52	55.34	55.98	56.89	56.72	26	24.5	27	28.1	27	25.9	26.4	28.3	24.3	85	94	85	83	84	88	86.5	15.2
28	55.71	55.26	56.02	53.82	52.91	51.73	54.24	26.4	26.7	26.4	26.1	25.6	25.6	26.1	27.2	24.7	81	77	77	79	85	89	81.3	25.9
29	48.07	44.83	39.72	29.23	21.45	24.59	34.65	26.4	24.8	25.6	25.9	25.6	23.6	25.3	27.3	23.2	82	96	93	96	95	95	92.8	49.7
30	33.95	40.17	46.49	47.93	50.79	53.10	45.40	25.5	27.4	27.4	29.4	27.3	26.4	27.2	30	23.4	77	70	70	54	66	70	67.8	1
31	53.70	55.29	57.35	55.54	56.65	58.18	56.12	25	23	29.4	32.1	26.5	25	26.8	33.4	22.8	79	91	72	68	83	92	80.8	13.5
Mean	56.19	56.58	57.33	54.97	55.28	56.74	56.18	25.4	24.7	28.8	30	27.7	26.3	27.2	31	24.2	89.2	91.7	76.3	73.1	81.1	86.8	83	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	170.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SW	SW	Calm	NE	ENE	E	34.9	41.2	96.3	64.1	236.5	0	------------	------------	0	------------	------------
2	S	SW	NE	NE	NE	E	38	50.2	72.4	43.1	203.7	10	------------	Cu.-N. E	7	Ci.-S. E	Cu.-N.
3	W	SSE	ENE	NE	ENE	Calm	48.3	40.8	94.6	48.3	232	10	------------	N. E	7	------------	Cu.-N. E
4	S	Calm	Calm	ENE	ENE	ENE	37.6	37	80.8	56.6	212	0	------------	------------	1	------------	Cu.-N. E
5	S	Calm	E	NE	ENE	NE	38.8	44.3	74.3	42.5	199.9	0	------------	------------	1	------------	Cu. E
6	S	Calm	Calm	NE	NE	ENE	45.1	35.4	77.4	59.8	217.7	0	------------	------------	0	------------	------------
7	SW	SW	S	NE	ENE	E	46.5	42.3	101.9	38.3	229	0	------------	------------	0	------------	------------
8	Calm	Calm	SE	SE	E	Calm	26.8	86.6	92.3	41.8	247.5	0	------------	------------	7	Ci.-S. E	Cu. SE
9	SE	Calm	S	NE	ENE	E	35.4	46.1	102.2	67.1	250.8	9	Ci.-S. SE	S.-Cu.	9	Ci.-S.	Cu.-N. SE
10	SE	SE	S	ENE	SE	SE	32.5	62.2	59.2	33.2	187.1	5	Ci.-S. S	S.-Cu.	10	Ci.-S. E	Cu.-N. S
11	Calm	S	S	ENE	E	Calm	33.5	70.8	66.6	43.1	214	8	Ci.-S. E	S.-Cu.	10	Ci.-S. E	S.-Cu.
12	Calm	Calm	SW	NE	ENE	Calm	28.7	46.4	105.2	46.2	226.5	0	------------	------------	1	------------	Cu.-N.
13	S	W	Calm	ENE	Calm	SE	40.2	31.1	45.1	29	145.4	10	------------	N. ENE	9	Ci.-S. E	Cu.-N. ENE
14	SE	SE	SE	SE	SE	SE	28.4	58.9	98.2	48.9	234.4	7	Ci.-S. E	S.-Cu.	9	A.-Cu. E	Cu. SE
15	SE	SSE	SSE	SSE	SE	SE	56.5	77.4	95	53.9	282.8	10	------------	S.-Cu. SE	10	------------	S.-Cu. SE
16	SE	Calm	SSE	ENE	NNW	NW	31.7	57.3	65	30.6	184.6	10	Ci.-S. SE	S.-Cu.	8	Ci.-S.	Cu.-N. S
17	Calm	WSW	SW	NNE	N	Calm	31.2	40.5	64.4	44.9	181	8	Ci.-S. E	Cu.	7	Ci.-S. E	Cu.-N.
18	NW	Calm	Calm	NE	NE	NE	34.1	32.7	68.6	38.6	174	1	------------	S.-Cu.	1	------------	Cu.-N.
19	W	WSW	Calm	NE	E	SE	36.8	30.8	74.6	38	180.2	10	------------	N. S	1	Ci.-S. E	Cu.-N.
20	SE	SE	SSE	ENE	E	Calm	35.7	72.1	114.6	38.3	260.7	0	------------	------------	3	Ci.-S. NE	Cu.
21	Calm	S	E	SE	Calm	Calm	37	41.2	54.1	30.9	163.2	0	------------	------------	8	------------	Cu.-N. SE
22	SW	Calm	N	E	ENE	ENE	32.4	49.1	90.7	94.3	266.5	10	Ci.-S. SE	Cu.	10	------------	Cu.-N. E
23	ENE	ENE	ENE	ENE	E	E	120.7	140.3	133.3	90.1	484.4	10	Ci.-S. S	Cu.-N. ENE	10	------------	Cu.-N. E
24	E	E	E	E	E	E	96	118.1	62.2	62.6	338.9	10	------------	N. E	10	------------	S.-Cu. ESE
25	SE	SE	SE	SE	SE	SE	57.6	56.5	76.9	43	234	10	------------	S.-Cu. SE	10	------------	Cu.-N. SE
26	S	S	S	ENE	ENE	Calm	38.1	48.9	110.4	37.3	234.7	7	Ci.-S. E	S.-Cu.	8	Ci.-S. E	S.-Cu. SE
27	Calm	NW	N	N	N	N	48	85.9	109.7	163.8	407.4	10	A.-Cu. E	Cu.-N. NE	10	------------	Cu.-N. NE
28	N	N	N	N	NNW	NNW	212.4	257.5	271.9	305.7	1,047.5	10	------------	S.-Cu. N	10	------------	N. N
29	NNW	NNW	NNW	NW	N	SSE	371.7?	-----	-----	-----	--------	10	------------	N.	10	------------	N.
30	SSE	SSE	SSE	SSE	SSE	SSE	-----	-----	-----	152.6	--------	10	------------	S.-Cu. S	10	------------	S.-Cu. S
31	SSE	SSE	Calm	ESE	SE	Calm	49.6	44.8?	41	29.6	165	8	A.-Cu. SW	S.-Cu.	10	------------	N. S
Mean	------	------	------	------	------	------	60.1	63.7	89.6	63.9	263.5	6.2	------------	------------	6.7	------------	------------

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, −1.57 mm.]

NOVEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	58.09	59.53	60.07	58.22	58.97	60.66	59.26	24.4	24.1	26.2	28.5	26.4	26	25.9	29.5	23.8	93	94	87	88	87	89	89.7	------
2	60.52	60.71	61.19	59.15	59.94	61.07	60.43	25	24.2	29	29	26.9	26	26.7	30.1	23.8	92	95	74	78	90	92	86.8	------
3	59.77	59.17	58.64	55.40	53.61	51.88	56.41	25.4	26.3	28.5	27.8	27.3	25.8	26.8	29.7	25	93	88	83	85	81	90	86.7	9.1
4	51.65	53.65	56.59	55.56	56.79	59.45	55.62	25.2	26.3	28.8	29.3	27	25.8	27.1	30.5	24.8	90	80	75	72	87	90	82.3	------
5	59.23	59.43	60.28	58.10	58.74	60.46	59.37	24.8	24.4	30	30.9	27.6	26.1	27.3	32.4	24	89	88	69	71	86	93	82.7	------
6	59.89	60.05	60.06	57.74	58.09	60.01	59.31	25.3	24.8	29.6	30.9	27.3	26	27.3	31.5	24.3	94	95	70	64	81	84	81.3	------
7	58.98	59.24	59.91	57.56	57.74	59.23	58.78	24.9	23.6	29.4	30	28	26	27	31.2	23.4	87	93	67	72	80	90	81.5	------
8	59.13	59.48	60.45	58.21	58.59	59.75	59.27	24.8	23.7	28.5	30.2	27.6	26	26.8	31	23.3	92	92	74	74	80	87	83.2	------
9	59.70	60.07	60.70	58.43	59.55	60.61	59.84	24.6	23.5	27.4	29.6	27.1	26	26.4	30.9	23.1	92	94	78	70	82	87	83.8	9.6
10	59.89	59.79	60.01	57.85	58.59	59.52	59.28	25.4	25.6	27.4	28	24.8	24.5	26	28.8	23.8	93	92	89	85	93	94	91	10.4
11	57.62	58.24	59.46	57.61	58.72	60.79	58.74	23.8	24.2	27.4	27.5	24.7	24	25.3	29.7	23.2	97	95	82	84	92	95	90.8	17.5
12	59.18	59.49	60.52	58.61	59.50	61.55	59.81	23.3	23.3	24.6	27.6	26.2	24	24.8	29.7	22.8	96	96	94	77	87	95	90.8	13.5
13	60.48	60.87	61.47	59.33	60.04	61.32	60.58	23.2	23.4	26.5	28.8	26.2	25.3	25.6	29.6	23	97	97	88	79	90	93	90.7	1.3
14	60.59	61.41	62.19	60	60.88	62.16	61.20	25	24.5	27.5	28.8	26.6	25.2	26.3	29.7	24.3	95	94	81	76	87	92	87.5	------
15	61.38	62.08	62.75	60.30	60.91	61.71	61.52	23.6	23.2	28.7	29.5	26.2	25.5	26.1	30.7	22.8	95	95	73	72	84	89	84.7	------
16	60.56	60.96	62.35	60.29	60.41	61.77	61.06	24.3	24.2	25.4	25.9	25.6	24.2	24.9	26.7	23.8	96	97	88	89	88	90	91.3	1.8
17	60.63	60.68	61.82	59.85	60.54	62.61	61.02	23	23.4	27.4	29	26	25.3	25.7	29.5	23	95	93	78	67	72	74	79.8	.8
18	62.26	62.48	63.87	61.75	62.45	63.82	62.77	24.1	23	26.9	28.9	26.2	24.6	25.6	29.4	21.8	82	88	71	68	72	83	77.3	4.3
19	63.13	63.31	65.11	63.10	63.36	64.99	63.83	23.3	23.2	23	25.9	25.2	25	24.3	26.3	22.6	94	96	96	81	82	83	88.7	66.3
20	64.06	64.21	65.34	62.79	62.97	64.59	63.99	24.2	25.3	27	27.5	25.1	24.1	25.5	29	23.2	90	84	77	73	86	91	83.5	12.2
21	62.73	62.66	63.36	61.01	61.80	62.86	62.40	25	25.5	27.4	27.4	25.3	24.6	25.9	29	24.4	87	86	80	81	89	88	85.2	4.7
22	62.04	61.72	62.87	61.14	61.62	62.59	62	25.2	25.5	24	27.8	26	25.4	25.6	28.5	23	85	84	92	71	78	82	82	22.3
23	62.41	61.66	62.22	60.24	60.69	61.57	61.46	25.1	24.2	25	27.4	25.8	25.2	25.4	28.1	23.2	84	88	91	76	81	83	83.8	15.2
24	60.53	59.68	60.56	58.39	59.20	59.59	59.66	24.2	25	27.3	28.4	24	25	25.6	28.8	23.3	90	92	82	79	95	93	88.5	46.2
25	58.28	58.63	59.25	56.55	57.51	58.66	58.15	25	25	28.3	28.9	26	25	26.4	29.7	23.8	95	95	82	78	89	92	88.5	.3
26	57.26	57.33	58.59	56.27	57.41	58.90	57.63	24.3	24	27.2	29.1	26.7	25.3	26.1	29.8	23.6	96	96	85	81	86	94	89.7	------
27	57.91	58.17	59.09	57.04	57.56	59.42	58.20	24.2	24.1	26	29	26.6	25	25.8	29.7	23.8	95	96	89	78	87	92	89.5	2.3
28	58.73	58.92	60.07	58.16	59.27	60.61	59.29	24	23.6	24.8	26	25	24.2	24.6	28	23.4	95	97	97	89	92	95	94.2	18.8
29	59.68	59.86	61.48	60.40	61.13	62.36	60.82	24.2	24.2	25	24.6	24	23.7	24.3	25.2	23.1	95	95	90	92	90	90	92	25.4
30	61.49	62.08	63.71	61.93	62.59	63.46	62.54	23.4	23.8	23.1	23.1	23	22.8	23.2	24.7	22.4	90	85	90	92	90	91	89.7	14.2
Mean	59.93	60.19	61.13	59.03	59.64	60.93	60.14	24.4	24.3	26.9	28.2	26	25.1	25.8	29.2	23.5	92.1	92	82.4	78.1	85.5	89.4	86.6	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	296.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SE	NE	ENE	E	22	29.6	78.9	63.4	193.9	10	Ci.-S.	S.-Cu. SE	9	Ci.-S.	S.-Cu. SE
2	SE	SSE	E	ENE	ENE	ENE	------	------	------	------	------	1	------	S.-Cu.	1	------	Cu.-N.
3	ENE	ENE	ENE	ENE	ENE	E	------	------	------	------	------	8	------	Cu.-N. E	10	------	Cu.-N. E
4	SE	SE	SSE	SE	SE	S	------	------	------	61.2	------	10	Ci.-S.	S.-Cu. S	8	------	Cu.-N. S
5	SE	SE	S	ENE	E	E	77.9	81.8	95.6	46.5	301.8	0	------	------	0	------	------
6	Calm	SE	SE	ENE	ENE	E	28.5	44.1	87.5	49.4	209.5	0	------	------	8	Ci.-S. E	Cu.
7	E	E	SE	ENE	E	Calm	33	41.8	90.1	28.2	193.1	0	------	------	5	Ci.-Cu. S	Cu.-N.
8	Calm	Calm	Calm	NE	E	NE	18.2	30.9	79.9	36.7	165.7	0	------	------	1	------	Cu.-N.
9	N	Calm	Calm	ENE	ENE	E	44.5	23.2	111.6	91.5	280.8	6	A.-Cu. E	S.-Cu.	0	------	------
10	E	ENE	E	ENE	SE	S	55.7	55.5	116.7	41.6	269.5	8	------	Cu.-N. E	10	------	Cu.-N. E
11	SE	SE	E	E	E	E	35.1	55.7	61.8	56	208.6	10	------	S.-Cu. SE	10	------	S.-Cu. SE
12	E	SE	S	ENE	E	Calm	36.7	44.9	63.3	52.8	197.7	10	------	S.-Cu.	10	A.-Cu. S	S.-Cu.
13	SE	Calm	Calm	NE	NE	ENE	27.1	26.4	71.4	73.4	198.3	10	A.-Cu. S	S.-Cu.	7	A.-Cu. S	Cu.-N.
14	NE	Calm	NE	NE	NE	Calm	38.1	38.1	63	23	162.2	2	------	Cu.-N.	0	------	------
15	Calm	E	SSE	NE	NE	ENE	23.8	34.4	78.1	67.1	203.4	5	------	S.-Cu. S	6	A.-Cu. E	Cu.-N.
16	Calm	Calm	Calm	E	E	Calm	23.5	20.9	35.4	19.6	99.4	10	------	S.-Cu. E	10	------	S.-Cu. E
17	E	E	NNE	ENE	E	E	54.1	40.8	98.5	72.1	265.5	9	------	S.-Cu. E	1	------	Cu.-N.
18	E	Calm	E	ENE	ENE	Calm	48	45.4	98.2	33.3	224.9	1	------	Cu.-N.	1	------	Cu.
19	SE	NE	ENE	ENE	ENE	ENE	29.8	94.6	150.5	137.6	412.5	10	------	N.	10	------	S.-Cu. E
20	NE	ENE	ENE	NE	NE	ENE	115.9	144.8	131.2	132.8	524.7	5	------	Cu.-N. ENE	10	------	Cu.-N.ENE
21	NE	NE	NE	ENE	E	E	114.3	93.3	90.7	121.7	420	2	------	Cu.-N. NE	10	------	Cu.-N.ENE
22	NE	ENE	E	ENE	NE	NE	123.9	111	141.6	138.7	515.2	10	------	S.-Cu. E	9	------	S.-Cu. E
23	NE	NE	E	ENE	NE	NE	115.6	112.7	123.1	86.1	437.5	10	------	Cu.-N. NE	8	------	S.-Cu. E
24	NE	NE	E	NE	NE	NE	58.5	84	87.5	68.1	298.1	8	------	S.-Cu. E	6	------	S.-Cu. E
25	NE	Calm	ENE	NE	NE	NE	35.1	39.6	87.4	46.1	208.2	10	------	S.-Cu. E	1	------	Cu.-N.
26	Calm	NE	ENE	NE	NE	NE	24.7	40.8	81.6	42	189.1	2	------	S.-Cu.	4	------	Cu.-N.NE
27	NE	Calm	NE	NNE	Calm	NE	27.4	35.1	57.6	34.4	154.5	7	Ci. SE	Cu.	2	Ci.	Cu.-N.NE
28	NE	N	NE	ENE	NE	NE	41.5	46.9	106	132.6	327	10	------	Cu.-N. NE	10	------	S.-Cu. ENE
29	NE	NE	NE	ENE	NE	NE	174.8	167.3	164.9	195.5	702.5	10	------	N. NE	10	------	N. NE
30	NE	NE	NE	NE	NE	NE	188.6	181.5	164.1	183.4	717.6	10	------	N. NE	10	------	N. NE
Mean	------	------	------	------	------	------	59.9	65.7	96.9	76.2	299.3	6.5	------	------	6.2	------	------

APARRI.

[φ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5 meters; gravity correction not applied, —1.57 mm.]

DECEMBER, 1915.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hrs. beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	62.46	63.36	64.43	62.13	63.36	64.53	63.38	22.7	22.8	24.9	23.9	24.2	23.2	23.6	25.1	22	92	91	79	77	75	84	83	2.4
2	62.84	62.98	63.94	61.84	62.33	63.31	62.87	23.2	24	26.1	25.1	23.5	23.9	24.3	26.7	22.2	86	81	76	79	85	82	81.5	1.3
3	61.85	62.04	63.05	60.94	61.66	62.77	62.05	23.4	23	26.6	26.6	23.8	23.2	24.4	27.6	22.3	86	90	72	72	80	84	80.7	1.6
4	61.58	61.81	62.83	60.46	60.95	62.21	61.64	22.4	22.2	24.9	24.2	23.4	23.1	23.4	27	21.3	91	93	83	85	85	87	87.3	3.8
5	60.49	60.76	61.88	59.49	59.76	60.98	60.56	23	22.3	25	24	24.2	23.1	23.6	27.5	21.7	88	92	77	74	74	79	80.7	------
6	60.08	59.36	60.23	57.37	58.03	58.18	58.88	21.3	20.3	24.5	26	24.4	24.1	23.4	27.4	20	90	95	80	70	82	89	84.3	2.3
7	56.12	55.79	56.82	54.31	54.77	55.30	55.52	24.7	25	26.8	25.7	25	24.9	25.4	27.5	23.6	91	93	89	91	87	87	89.7	11.6
8	54.62	54.93	56.22	54.25	55.66	56.60	55.38	24.7	25.2	28	28.5	24.5	24.2	25.8	29.2	24	86	88	74	73	87	90	83	4.5
9	55.75	56.43	58.19	56.21	57.10	58.61	57.05	23.9	24	26.2	28.6	25.2	24.2	25.4	29.6	23.1	92	91	85	76	93	95	88.7	5.1
10	58.46	59.02	60.27	58.14	59.55	60.49	59.32	24.1	24.2	26.4	27.1	25.1	25	25.3	28.6	23.7	96	95	86	83	91	92	90.5	22.2
11	59.73	58.88	59.86	57.97	58.50	58.98	58.99	23.5	23.5	24.2	24.4	24.2	24.1	24	25.6?	23.2	96	96	98	97	97	96	96.7	82.5
12	57.57	57.74	58.58	55.90	56.71	57.91	57.40	23.5	23.5	25	27.9	25.6	24.5	25	28.6	23.2	96	96	95	83	92	96	93	------
13	56.65	57.09	58.19	56.18	57.16	58.28	57.26	24.2	23.5	26	26.1	25.5	25	25	27.5	23.2	95	96	92	88	89	92	92	1.3
14	57.58	58.35	59.55	57.92	59.08	60.13	58.77	24.5	24.4	25.5	24.4	23.5	24	24.4	26.5	23	92	91	87	91	87	83	88.5	27.2
15	60.11	60.51	61.67	59.68	60.74	61.41	60.69	23.2	23	23.8	23.5	23.5	23.2	23.4	24.2	22.2	88	88	86	85	84	86	86.2	16.1
16	60.84	60.99	62.03	59.76	59.44	60.88	60.66	23	23	24.6	24.4	23.8	23.2	23.7	25	22.4	90	90	87	88	91	94	90	13
17	60.66	60.94	61.91	60.13	61.77	63.27	61.45	22.5	22.4	24.2	24	22	21.4	22.8	25	21.2	96	96	96	87	89	91	92.5	24.1
18	63.17	64	65.51	63.87	64.36	66.13	64.51	21.2	21	21.1	21.9	21.2	20.3	21.1	22.5	19.6	89	87	85	79	78	86	84	12.5
19	65.10	64.57	65.77	63.54	63.93	64.81	64.62	20.2	20.4	21	22.8	21.4	21.1	21.2	24.2	19.4	89	87	91	83	91	92	88.8	15.6
20	64.29	64.61	65.71	63.22	64.15	65.06	64.51	21.3	21.8	24.5	24.1	23.3	22.9	23	25.4	20.8	88	84	71	73	77	79	78.7	.5
21	64.23	63.96	65.17	62.72	62.98	64.08	63.86	21.2	21	22.9	24.4	23	22.4	22.5	25	20.6	93	95	90	84	88	88	89.7	10.4
22	62.97	63.18	64.96	63.27	64.17	65.17	63.95	22.4	21.6	21.6	21.9	20.9	20.8	21.5	23.2	19.6	88	89	90	86	86	87	87.7	30.4
23	63.90	64.10	65.82	63.81	64.69	65.52	64.64	20.2	20.4	21.5	21.9	21.2	20.5	21	22.9	19.8	92	92	88	79	82	91	87.3	9
24	64.20	63.90	64.68	62.30	62.63	63.04	63.46	20.6	20.4	23.1	24.3	23	22	22.2	25.4	19.8	92	94	82	74	84	89	85.8	.3
25	62.18	62.36	63.43	61.32	62.56	63.61	62.58	21.3	20.5	22.8	25	24.2	23.6	22.9	26	20.3	92	95	88	83	85	86	88.2	.3
26	62.36	62.58	63.64	61.19	61.76	62.26	62.30	22.5	21	24	25.5	24.4	23.4	23.5	26	20.6	87	95	87	81	83	88	86.8	4.9
27	60.98	61.28	61.75	58.75	59.27	59.53	60.26	23	24	25.1	26.4	24.4	24.1	24.5	27.3	22.6	90	88	87	81	88	91	87.5	------
28	58.43	58.29	59.33	56.56	57.63	58.23	58.08	24	24	26.4	27.7	25.4	24.2	25.3	28.3	23.3	93	95	86	83	92	93	90.3	------
29	57.45	57.75	58.49	56.86	58.50	59.77	58.14	23.2	22.2	27.3	27	25.8	25.4	25.2	28.8	21.8	95	96	82	86	90	92	90.2	------
30	59.47	59.73	61.09	59.24	60.34	60.99	60.14	25	24.9	27.8	28.1	25.8	25.2	26.1	28.9	24.3	93	94	83	82	88	90	88.3	------
31	60.57	60.80	62.14	59.67	60.51	61.66	60.89	25.1	24.9	26	25.7	25.5	25	25.4	27.5	24.3	89	89	82	82	78	79	83.2	------
Mean	60.54	60.71	61.84	59.65	60.45	61.41	60.77	22.9	22.7	24.8	25.2	23.9	23.4	23.8	26.5	21.9	91	91.7	85	81.8	85.7	88.3	87.3	------
Total	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	302.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1	NE	ENE	ENE	ENE	ENE	ENE	188.3	149.7	170.6	151.3	659.9	10	------------	N. ENE	10	------------	S.-Cu. ENE
2	NE	NE	NE	NE	ENE	ENE	103.6	131.4	111.8	113.5	460.3	10	------------	S.-Cu. ENE	10	------------	S.-Cu. ENE
3	E	E	NE	E	E	E	53.7	39.6	103	59.5	255.8	7	------------	S.-Cu. E	7	A.-Cu. E	S.-Cu.
4	E	E	Calm	ENE	E	E	35.4	53	70.8	87.9	247.1	10	------------	N. ENE	10	------------	S.-Cu. ENE
5	E	Calm	E	ENE	E	E	53	34.4	67.6	40.8	195.8	5	A.-Cu. E	S.-Cu.	10	------------	S.-Cu. E
6	E	S	S	ENE	NE	NE	45.7	43.1	64.7	98.5	252	7	------------	Cu.-N. E	10	------------	S.-Cu. E
7	NE	NE	NE	NE	NE	NE	121.7	126.1	166	152.3	566.1	10	------------	N. NE	10	------------	S.-Cu. E
8	E	E	E	E	E	E	131.4	76.6	93.9	109.7	411.6	10	Ci.-S.	S.-Cu. SE	10	Ci.-S.	S.-Cu. SE
9	SE	SE	E	E	Calm	Calm	49.1	69	79.5	30.3	227.9	8	A.-Cu. S	S.-Cu.	8	A.-Cu. S	S.-Cu.
10	Calm	Calm	E	ENE	E	ENE	26.2	34	122.9	43.8	226.9	10	------------	S.-Cu. S	6	A.-Cu. S	Cu.-N.
11	Calm	NE	Calm	Calm	NE	Calm	30.9	44.5	40.8	34.3	150.5	10	------------	N.	10	------------	S.-Cu. E
12	Calm	Calm	Calm	ENE	Calm	Calm	21.2	21.7	41.2	19	103.1	10	------------	S.-Cu.	10	------------	S.-Cu. SE
13	NE	Calm	N	NE	NNE	NE	31.4	54.5	83.7	56.9	226.5	5	Ci.-S. S	S.-Cu.	10	------------	S.-Cu. NE
14	NE	NE	NE	NE	NE	NE	57.6	71.8	149.7	173.2	452.3	10	------------	N.	10	------------	N. NE
15	NE	NE	NE	ENE	E	E	131	127	131	113.7	502.7	10	------------	N. NE	10	------------	N. ENE
16	NE	NE	ENE	ENE	NE	S	120.7	130.7	119.4	52.1	422.9	10	------------	N. NE	10	------------	S.-Cu. ENE
17	Calm	SW	NE	NE	NE	NE	28.4	99.2	170.9	163.8	462.3	0	------------	------------	10	------------	N. NE
18	NE	NE	NE	NE	NE	NE	161.5	165.1	156.3	163.9	646.8	10	------------	N. NE	10	------------	S.-Cu. NE
19	NE	E	NE	ENE	NE	NE	135.2	120.7	140	104	499.9	10	------------	N. NE	10	A.-Cu. W	S.-Cu. NE
20	E	E	E	ENE	E	E	79.5	61.2	102.7	59.8	303.2	10	------------	S.-Cu. E	10	------------	S.-Cu. E
21	SE	Calm	N	NE	E	E	38.6	46.7	68.2	73.5	227	10	------------	S.-Cu. E	10	------------	S.-Cu. E
22	NE	E	ENE	NE	ENE	E	103.2	130	178.6	158.7	570.5	10	------------	N.	10	------------	N. ENE
23	NE	ENE	NE	E	ENE	E	157.4	157.1	131.4	87.5	533.4	10	------------	N. ENE	10	------------	S.-Cu. ENE
24	SE	SE	ESE	ESE	E	SE	53.3	38.4	55.3	42.8	189.8	10	------------	N. E	10	------------	N. E
25	Calm	Calm	SE	NE	NE	E	33.6	36.4	74.2	51.5	195.7	1	------------	S.-Cu.	9	------------	S.-Cu. ESE
26	Calm	Calm	E	NE	E	E	29.3	34.1	71.8	53	188.2	3	------------	S.-Cu. E	10	Ci.-S.	S.-Cu. E
27	E	ENE	ENE	ENE	ENE	E	85	110.4	122.3	77.5	395.2	10	------------	S.-Cu. E	10	------------	S.-Cu. E
28	Calm	Calm	Calm	NE	NE	NE	19.6	24.1	59.3	33	136	10	------------	S.-Cu. E	1	------------	Cu.-N.
29	Calm	ENE	SE	N	N	N	20.3	38	67.9	35.7	161.9	0	------------	------------	1	------------	Cu. N
30	N	NE	NE	NE	NE	NE	39.1	35.6	77.5	100.8	253	4	A.-Cu. SW	S.-Cu.	5	Ci.-S.	Cu.-N.NE
31	NE	ENE	ENE	EbyN	ENE	E	101.1	110.4	130.7	122.1	464.3	10	------------	S.-Cu. E	10	------------	S.-Cu. E
Mean	------	------	------	------	------	------	73.7	77.9	104	85.9	341.6	8.1	------------	------------	8.9	------------	------------
Total	------	------	------	------	------	------	------	------	------	------	10,588.6	----	------------	------------	----	------------	------------

METEOROLOGICAL OBSERVATIONS MADE AT THIRD CLASS AND RAIN STATIONS DURING THE CALENDAR YEAR 1915.

JOLO.

[φ=6° 03′ N; λ=121° 00′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.93 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.54	57.45	26.7	28.6	86	80	NNE 3	NNE 2	9	7	------	60.47	59.46	23.3	29.5	91	75	Calm	NNW 1	10	6	------
2	58.41	57.30	24.5	27.7	95	83	Calm	NNE 2	9	8	------	59.49	58.40	23.4	28.8	95	80	Calm	NNE 3	9	5	------
3	58.29	57.71	22.8	29	96	77	Calm	NNE 2	7	6	------	58.75	58.21	21.9	28.7	96	80	Calm	NW 1	6	5	6.1
4	58.48	57.97	26.3	27.7	90	82	NNE 1	NNE 2	10	10	------	59.54	58.33	22.4	28.9	96	73	Calm	NNE 1	10	2	------
5	59.51	58.13	24.4	27.6	96	84	Calm	NNE 1	10	7	------	59.81	58.91	21.4	28.3	96	75	Calm	NNE 2	4	4	------
6	59.33	58.31	23.4	28.3	97	85	Calm	NNE 2	4	7	------	59.47	58.10	21.9	28.3	96	74	Calm	NNE 1	6	4	------
7	59.10	58.15	22.7	29	97	79	Calm	NNE 2	1	3	------	58.27	57.73	22.5	28.7	96	76	Calm	Calm	3	6	------
8	59.38	57.91	23.3	28.9	97	78	Calm	NNE 1	2	1	------	59.38	58.35	22.8	28.6	96	75	Calm	NW 1	7	7	------
9	59.27	57.38	24.3	29	96	76	Calm	NNE 3	4	4	3.8	59.65	58.57	22.4	27.9	96	77	Calm	NNE 1	7	9	------
10	59.38	58.43	23.4	29.4	96	81	Calm	W 1	9	8	------	58.68	57.72	22.8	28.4	95	74	Calm	NNE 2	10	2	------
11	60.20	59.42	22.9	29.2	96	78	Calm	NNE 2	7	6	------	57.62	57.43	21.1	30.9	95	66	Calm	W 1	3	4	------
12	59.62	59.06	21.9	29.3	96	66	Calm	NNE 1	5	4	------	57.92	57.43	22.3	29.7	95	70	Calm	N 2	7	7	------
13	60.70	59.49	25.8	28.7	75	66	NNE 3	NNE 3	7	2	------	57.83	57.25	25.4	27.9	93	81	Calm	NNE 4	9	10	------
14	60.03	59.24	26.4	28.3	82	76	NNE 2	NNE 4	10	9	20.8	57.37	58.07	21.9	28.4	96	79	Calm	NNE 2	8	5	------
15	59.52	58.67	23.9	28.4	96	77	Calm	NNE 2	10	5	11.4	58.97	58.31	25.5	28.4	91	80	NNE 1	NNE 2	7	4	------
16	61.25	59.80	23	27.5	95	76	Calm	NNE 4	10	6	3.6	59.18	58.69	21.4	28.7	91	76	Calm	NNE 3	7	8	------
17	60.81	59.63	25.1	27.3	91	82	Calm	NNE 3	9	7	------	59.59	58.01	21.6	28.6	95	71	Calm	NNE 4	7	7	------
18	60.84	59.40	25.9	28.2	89	82	NNE 3	NNE 3	10	3	------	59.04	58.67	21.1	28.9	94	74	Calm	N 1	3	7	------
19	59.61	58.77	25.4	27.8	94	83	Calm	NNE 1	6	6	------	60.29	59.42	21.9	27.7	95	71	Calm	NNE 4	7	1	------
20	59.63	57.68	22.3	28.9	97	78	Calm	NbyE 1	4	4	------	60.03	58.97	21.3	27.5	94	74	Calm	NNE 2	4	3	------
21	59.57	58.70	21.9	27.5	99	83	Calm	NNE 1	9	4	------	60.14	58.75	20.9	27.8	95	74	Calm	NNE 2	5	1	------
22	59.80	58.98	22.9	27.8	97	84	Calm	NNE 1	9	8	------	59.91	58.77	21.9	27.7	94	75	Calm	NNE 2	10	4	------
23	59.29	58.67	23.6	27.3	97	88	Calm	NNE 1	5	9	.5	59.73	58.86	22.3	29.2	92	71	Calm	W 1	8	4	------
24	58.72	58.01	22.3	28.5	96	80	Calm	NNE 1	3	7	1	59.69	58.60	21.7	28.8	94	75	Calm	NNE 1	5	6	------
25	59.52	59.07	23.8	27.7	97	88	Calm	Calm	7	10	17.6	59.44	58.12	21.8	28.9	91	74	Calm	NNE 3	4	6	------
26	59.85	58.57	22.5	28.2	99	81	Calm	NNE 2	7	4	------	59.70	59.01	22.4	31.7	96	65	Calm	W 1	3	4	------
27	59.42	58.29	22.4	28.7	96	71	Calm	NNE 1	7	1	------	59.60	58.60	22.8	28.5	94	75	Calm	NNE 1	5	3	------
28	59.21	58.20	21.8	28.4	96	72	Calm	NNE 2	9	2	------	59.49	58.25	25.5	28.7	84	74	NNE 3	NNE 2	7	6	------
29	59.29	58.59	22.9	28.4	96	77	NE 1	NNE 2	9	1	------	------	------	------	------	------	------	------	------	------	------	------
30	59.10	58.48	21.5	27.3	95	79	Calm	NNE 1	10	9	------	------	------	------	------	------	------	------	------	------	------	------
31	59.94	59.15	22.6	28.4	88	73	Calm	NNE 1	1	1	------	------	------	------	------	------	------	------	------	------	------	------
Mean	59.54	58.54	23.6	28.3	94	78.9	0.4	1.8	7.1	5.5	------	59.25	58.39	22.4	28.7	94	74.4	0.1	1.9	6.5	5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	58.7	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	6.1

Day.	MARCH.											APRIL.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P.ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.54	58.20	23.5	29.5	94	67	Calm	NE 3	7	3	------	59.33	57.66	23.4	30.6	96	73	Calm	NNE 2	7	6	------
2	59.79	59.39	22.5	29.9	94	65	Calm	Calm	6	9	------	59.25	58.11	23.9	28.7	96	83	Calm	NNE 1	5	8	1
3	60.01	59.51	24.3	26.4	92	92	Calm	Calm	7	9	6.7	59.28	59.15	24.5	29.9	95	74	Calm	Calm	10	4	.8
4	60.62	60.31	22.4	30.3	95	72	Calm	Calm	5	2	------	59.71	58.67	24.4	27.9	96	89	Calm	Calm	2	8	10.4
5	60.83	59.96	22.4	28.6	95	86	Calm	N 1	2	5	------	60.09	58.82	24.3	28.9	96	78	Calm	NNE 2	2	5	------
6	60.44	59.31	22.8	29.4	96	74	Calm	Calm	2	7	------	60.71	59.21	24.6	31.2	94	68	Calm	W 1	10	5	------
7	59.75	59.27	23.9	27.6	93	83	Calm	NNE 1	10	9	------	59.89	59.76	23.2	30.9	94	74	Calm	W 2	7	3	------
8	60.25	60.20	23.4	27.8	95	82	Calm	Calm	10	10	------	59.92	58.12	21.9	29.3	92	74	Calm	NNE 2	4	3	------
9	60.48	59.70	22.9	29.6	96	72	Calm	WNW 1	3	7	------	59.30	58.60	23.4	29	96	81	Calm	Calm	6	9	15.2
10	60.77	60.52	23.4	27	95	90	Calm	Calm	10	10	35	59.40	58.33	23.9	30.2	97	76	Calm	NNW 1	8	4	------
11	60.95	58.87	22.9	28.3	97	81	Calm	NNE 2	9	2	------	58.41	57.75	24.6	27.3	94	87	Calm	Calm	10	10	5.8
12	59.20	58.85	22.7	27.9	95	84	Calm	E 1	3	9	.3	58.45	57.89	24.2	29.8	96	69	Calm	W 1	5	8	.3
13	59.78	59.40	23.8	28.2	96	83	Calm	NNE 1	4	9	------	59.34	58.47	25.6	31.5	90	72	Calm	W 1	8	7	------
14	60.42	59.38	22.3	29.1	93	74	Calm	NbyE 2	0	1	------	58.74	58.28	25.3	28.4	89	85	Calm	W 1	10	10	2.3
15	60.34	59.36	22.8	28.9	96	76	Calm	NNE 2	5	2	------	58.49	57.92	24.5	28.3	94	82	Calm	Calm	9	9	50.3
16	59.55	58.79	22.7	29.9	95	74	Calm	W 1	2	8	------	58.43	57.57	23.4	27.6	96	87	Calm	Calm	5	9	1.3
17	59.48	59.36	22.8	29.4	92	74	Calm	NNE 1	7	5	------	57.71	56.54	23.7	31.4	96	75	Calm	WNW 1	6	4	1
18	60.43	60.01	23.2	28.9	95	76	Calm	NNE 1	8	2	------	57.51	56.89	24.8	28.4	94	80	Calm	Calm	4	8	------
19	61.15	60.52	22.9	30.5	95	74	Calm	N 1	4	4	------	57.96	57.36	23.9	29.8	96	80	Calm	NNE 1	5	5	------
20	61.17	59.72	24.2	30.3	92	70	Calm	N 1	2	7	------	58.96	58	24	26.7	95	90	Calm	Calm	4	9	2
21	59.75	58.87	23.4	30.7	95	76	Calm	W 1	3	7	------	58.29	56.62	22.9	29.7	96	78	Calm	NNE 1	3	5	------
22	59.30	58.41	23	30.3	95	69	Calm	W 1	4	4	------	58.27	57.22	24.2	29.1	94	73	Calm	W 1	7	9	6.1
23	59.37	58.75	23.8	28.5	94	84	Calm	Calm	5	8	.3	57.93	57.25	24.7	31.1	93	70	Calm	W 1	10	6	2
24	61.25	60.15	23	27.3	94	82	Calm	Calm	9	10	1.5	58.09	57.45	24.4	30.9	95	75	Calm	W 1	7	5	------
25	60.40	59.05	21.8	29.4	92	77	Calm	NNE 1	6	1	------	57.94	56.61	23.9	30.3	95	75	Calm	NW 1	4	6	------
26	58.98	58.31	23.8	28.9	96	76	Calm	NNE 1	9	9	------	57.38	56.81	25.1	25.8	94	93	Calm	Calm	8	10	13.2
27	59.29	58.30	23.8	29.2	96	75	Calm	NNE 1	6	7	12.2	57.02	56.71	23.1	30.9	95	71	Calm	N 1	1	6	------
28	59.25	58.41	23.8	27.2	96	90	Calm	Calm	8	9	20.1	57.55	57.47	23.8	30.3	96	68	Calm	W 1	2	4	------
29	59.62	59.05	24.8	28.9	96	81	Calm	NEbyN 2	9	6	------	58.01	56.30	24.3	30.5	96	77	Calm	NbyE 1	9	6	------
30	59.88	59.23	23.7	26.6	95	90	Calm	Calm	4	10	6.9	57.75	57.52	24.5	27.8	96	89	Calm	Calm	5	10	3
31	59.04	58.86	24.6	26.3	95	93	Calm	Calm	8	10	9.9	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60	59.29	23.3	28.7	94.7	78.8	0	0.8	5.7	6.5	------	58.64	57.77	24.1	29.4	94.7	78.2	0	0.8	6.1	6.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	92.9	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	114.7

The barometric readings of this station seem to be somewhat low.

JOLO.

[φ=6° 03′ N; λ=121° 00′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.93 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.61	57.12	23.7	29.9	93	77	Calm	Calm	7	9	4.3	57.05	56.86	23.3	28.3	96	80	Calm	Calm	9	8	------
2	57.64	56.60	25.2	30.7	94	74	Calm	W 3	8	8	------	57.94	57.67	24.3	25.3	96	93	Calm	Calm	7	10	38.1
3	57.71	56.77	24.4	27.4	93	89	Calm	Calm	2	9	1.5	57.82	57.54	21.9	26	96	86	Calm	Calm	3	8	4.3
4	57.31	55.89	23.1	31.6	95	73	Calm	NW 1	3	5	------	57.81	56.74	24.3	27.1	89	87	S 2	NNE 1	10	9	30
5	56.75	56.20	24.5	28.3	94	85	Calm	Calm	6	9	25.9	56.85	56.98	23.4	28.4	96	85	Calm	W 1	5	9	2.5
6	56.60	56.46	23.6	26.1	95	93	Calm	Calm	1	9	22.3	56.94	56.93	23.9	28.3	96	78	Calm	W 1	6	10	11.2
7	56.20	54.39	24	29.9	97	81	Calm	NNE 1	1	4	.3	57.36	56.98	22.9	27.9	97	91	Calm	Calm	9	10	28.2
8	55.73	55.20	24.5	29.3	95	79	Calm	WNW 1	2	6	6.9	57.25	55.64	23.8	29.6	97	77	Calm	NNE 1	9	8	------
9	55.79	55.33	24.9	30.7	95	81	Calm	WNW 1	2	7	8.6	55.71	54.45	23.3	25.6	96	94	Calm	Calm	2	10	45.4
10	55.80	56.16	25	25.4	96	95	Calm	Calm	7	10	37.4	55.91	55.50	23.3	25.5	97	94	Calm	Calm	3	10	19.3
11	56.80	56.91	23.4	26.8	97	93	Calm	Calm	1	9	8.7	56.25	55.32	23.9	30.8	97	69	Calm	Calm	2	7	4.8
12	57.43	57.06	24.4	27	96	92	Calm	Calm	8	9	11.7	56.65	56.31	24.9	28.8	96	82	Calm	NNE 2	9	10	4
13	57.09	57.25	26.6	28.2	94	89	Calm	Calm	9	9	6.8	56.83	55.96	23.5	26.9	95	90	Calm	Calm	9	8	20.5
14	57.98	57.70	24.5	27.2	95	90	Calm	Calm	10	10	27.6	55.84	55.43	24.9	25.9	96	96	Calm	W 1	10	10	80.3
15	59.38	56.61	23.2	28.8	97	78	Calm	Calm	10	9	.3	56.55	55.99	23.9	31.4	97	70	Calm	NNW 1	4	10	2
16	57.54	56.33	24.7	29.5	88	80	Calm	NW 1	10	9	3.6	57.14	57.12	24.8	27.8	97	91	Calm	Calm	10	10	1.5
17	57.38	57.39	24.9	26.3	96	91	Calm	Calm	9	10	50	56.90	56.15	24.8	29	96	86	Calm	ENE 1	7	8	4.6
18	59.02	58.05	24	30.5	95	71	Calm	SSW 2	10	8	2.3	55.93	55.50	25.5	26	96	96	Calm	Calm	10	10	16.7
19	59.01	58	24.6	30.7	96	69	Calm	SSW 2	2	4	1.3	55.96	55.84	24.5	28.2	95	86	Calm	NNE 2	10	10	6.4
20	59.09	57.10	24.4	29.4	96	79	Calm	WbyN 1	5	8	3.6	55.85	55.61	24.4	29.4	97	81	Calm	Calm	10	10	10.7
21	57.92	56.19	26	31.7	93	63	Calm	SSW 2	10	6	------	56.83	57.10	25.4	24.5	92	95	Calm	Calm	10	10	53.8
22	58.14	56.56	25.4	31.4	95	68	Calm	S 1	4	7	------	56.96	56.12	24.4	26.9	96	84	Calm	Calm	10	10	9.1
23	58.49	57.26	24.9	27	96	83	Calm	Calm	7	7	------	56.73	56.01	25.3	28.5	93	83	W 1	W 2	6	10	7.1
24	58.18	57.17	23.9	32.1	91	68	Calm	W 1	6	4	------	56.82	56.15	23.8	28.4	97	80	Calm	W 1	6	9	2.5
25	58.41	57.63	25.5	32.9	93	66	S 1	S 1	6	8	------	57.14	55.81?	23.5	29.5	95	81	Calm	NW 2	2	6	.5
26	58.87	57.58	24.6	32	95	72	Calm	NW 1	4	4	------	57.39	56.84	23.9	30.8	93	72	Calm	S 2	7	5	------
27	58.46	57.56	24.3	31.6	96	67	Calm	SSE 1	3	6	------	57.20	57.33	24.8	29.6	92	78	Calm	NNE 1	4	7	------
28	58.91	57.52	24.8	33	93	59	Calm	SSE 1	9	6	------	57.74	57.81	24.8	29.4	95	76	Calm	Calm	8	9	------
29	58.61	57.25	24.6	29.4	94	81	Calm	NbyE 2	8	7	------	58.08	58.52	25.4	24.4	94	93	Calm	Calm	7	10	30.5
30	58.06	56.65	23.6	27.8	94	88	Calm	Calm	6	8	14.2	58.63	58.03	23.8	31	97	68	Calm	SSW 1	4	4	------
31	56.94	55.86	24	27.4	96	85	Calm	S 1	8	9	4.8	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	57.70	56.77	24.5	29.4	94.6	79.3	0	0.8	5.9	7.5	------	56.94	56.51	24.2	28	95.4	84.1	0.1	0.7	6.9	8.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	242.1	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	434

Day.	JULY.											AUGUST.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.93	57.44	24.3	30.8	96	73	Calm	Calm	7	6	1.5	56.78	56.15	25.9	31.8	92	63	Calm	SSW 2	9	7	------
2	57.76	56.09	23.8	30.8	96	73	Calm	NW 1	3	5	------	57.28	56.52	25	32.5	94	56	Calm	S 1	1	2	------
3	56.85	55.96	24.4	28.1	95	88	Calm	NW 1	10	10	38.6	57.93	56.33	24.8	32	93	65	Calm	S 2	7	6	------
4	57.44	57.20	24.5	28.1	95	85	Calm	Calm	7	8	11.7	57.44	56.17	24.3	33.2	92	51	Calm	SbyW 1	2	2	------
5	58.37	57.74	23.9	27.2	96	89	Calm	Calm	6	7	.6	57.60	57.18	25.8	30.9	92	67	Calm	SbyW 3	3	10	4.3
6	58.27	58.01	23.9	27.4	96	84	Calm	Calm	5	10	5.8	57.89	57.64	24.4	27.9	96	89	Calm	Calm	10	10	1.6
7	58.10	57.31	23.9	29.4	97	71	Calm	NW 1	4	9	20.3	58.57	57.62	24	33	96	60	Calm	NE 1	1	4	------
8	58.77	58.41	23.8	26.4	96	88	Calm	Calm	6	9	.8	57.78	56.76	24.5	30.4	95	68	Calm	S 1	1	5	------
9	58.72	58.27	23.4	27.4	97	82	Calm	Calm	1	7	23.9	57.23	56.72	25.8	31.4	88	66	Calm	S 3	1	4	------
10	58.36	58.17	24.9	28.8	96	78	Calm	NNE 1	9	9	13.2	58.16	56.97	25.5	31.5	94	65	Calm	S 3	9	7	------
11	58.08	57.68	24.2	28.8	96	82	Calm	NW 1	10	9	24.6	59.02	57.68	23.5	31.9	94	56	Calm	S 3	7	6	------
12	58.04	56.95	23.5	27.4	96	86	Calm	Calm	10	9	12	58.72	57.59	23.9	30.6	91	69	Calm	WNW 1	7	5	------
13	57	55.71	23.2	29.8	97	77	Calm	N 1	1	7	------	58	56.79	25	32.9	91	54	Calm	S 2	8	2	------
14	56.26	55.46	23.3	27.1	93	87	Calm	Calm	5	9	1	57.69	56.84	23.9	31.5	92	60	Calm	S 1	3	6	------
15	56.09	55.36	24.4	28.6	95	79	Calm	NNE 1	10	9	2.5	57.59	57.41	24	25.7	95	93	Calm	NE 2	2	10	7.1
16	56.69	56.16	23.9	28.5	96	80	Calm	NbyE 1	9	9	2.1	58.16	57.01	24.4	29.1	95	79	Calm	W 1	10	9	.5
17	56.46	55.72	22.9	28	96	84	Calm	NNE 1	8	9	.5	57.39	56.12	23.9	29.3	96	79	Calm	Calm	8	6	12.2
18	56.41	56.09	23.4	26.5	97	91	Calm	Calm	3	9	10.7	56.65	55.28	24.9	29.6	92	80	Calm	W 3	10	7	2
19	55.81	55.07	22.9	27.8	95	84	Calm	NNE 1	2	5	15.2	56.38	54.93	24.7	30.4	92	69	Calm	S 2	10	8	5.1
20	55.56	56.18	24.1	24.7	97	96	Calm	Calm	10	10	41.1	57.04	55.23	23.9	31.5	95	62	Calm	S 2	10	7	1.8
21	56.40	56.56	23.9	30.5	95	75	SSE 1	W 1	10	7	------	56.83	55.66	24.4	31.3	95	63	Calm	W 3	9	6	------
22	58.39	58.08	24.4	28.7	96	87	Calm	Calm	10	10	1.3	57.20	56.28	25.4	28.5	95	83	Calm	NNE 1	10	10	4.3
23	58.89	57.95	25.4	28.1	95	82	Calm	Calm	9	8	11.9	56.92	56.21	23.8	27.8	95	88	Calm	Calm	5	9	13.2
24	57.81	56.36	23.8	29.9	97	75	Calm	W 3	10	10	17	57.30	56.99	24.4	26.9	96	83	Calm	S 1	10	10	------
25	58.29	56.98	23.2	26.4	92	82	WSW 1	S 1	10	10	2	57.75	57.42	23.5	28	95	83	Calm	W 1	10	10	44.5
26	57.83	56.51	25.4	30.6	92	65	Calm	WSW 4	10	6	3	58.70	58.48	24	27.4	97	80	Calm	W 2	10	10	2
27	56.75	56.18	26.3	32.1	89	64	Calm	WbyS 3	8	8	------	59.24	58.04	23	27.9	95	81	Calm	NNE 1	5	9	19.8
28	56.19	55.11	26.8	29.8	85	67	SSW 1	SW 3	10	10	------	59.50	58.69	24.3	29.5	92	67	Calm	SSE 1	10	9	4.1
29	55.18	54.77	26.8	29.2	85	72	SSW 2	SW 4	10	10	------	59	57.57	23.3	28.4	96	72	Calm	WNW 1	6	3	20.5
30	55.45	55.20	27.4	28.5	81	69	SbyW 5	SSW 5	10	10	------	58.79	57.21	23	27.4	96	81	Calm	WSW 1	9	9	.3
31	55.93	55.36	25.5	29.3	94	68	S 2	SSW 5	7	7	------	58.01	57.31	22.8	29	96	78	Calm	W 1	2	9	------
Mean	57.26	56.58	24.4	28.5	94.2	79.5	0.4	1.3	7.4	8.4	------	57.82	56.86	24.3	30	94	71.3	0	1.5	6.6	7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	261.3	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	143.6

JOLO.

[ϕ=6° 03′ N; λ=121° 00′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.93 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p.m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.12	56.97	21.9	30.8	91	71	Calm	W 2	1	5	------	58.72	57.60	23.4	29.3	97	78	Calm	W 1	5	8	------
2	57.80	56.61	23.2	30.9	95	69	Calm	W 3	1	7	------	57.29	56.61	24.3	26.7	96	89	Calm	NW 3	8	10	26.1
3	57.65	56.18	23.8	29.1	93	71	Calm	W 3	7	9	------	57.34	56.17	24.9	27	96	84	W 2	W 2	10	10	9.9
4	56.80	55.98	23.9	30.7	93	73	Calm	W 1	9	8	3.3	56.33	55.20	24.5	30.9	96	65	Calm	W 3	9	4	1
5	57.30	55.81	23.5	30.3	95	69	Calm	SSW 1	10	9	------	56.65	55.51	24.7	30.9	92	71	Calm	W 3	9	9	2.3
6	56.66	55.31	24.7	31.4	93	66	Calm	W 3	10	10	10.9	56.57	56.08	24.8	25.5	92	92	Calm	W 1	10	10	36.6
7	57	55.04	23.9	29.6	96	66	W 6	SSW 2	10	10	8.1	55.85	55.08	24.4	25.4	97	88	Calm	Calm	10	10	29.2
8	56.34	54.71	25.5	29.8	92	72	S 1	SSW 3	10	10	------	57.35	54.91	23.8	28.2	96	76	Calm	Calm	10	10	15.7
9	55.80	55.40	26.3	30.1	92	73	S 2	SSW 3	9	6	1.5	56.16	54.85	23.4	28.9	96	74	Calm	SSW 1	10	9	------
10	56.37	56.21	26.4	30.5	92	68	S 1	W 2	10	9	------	56.65	55.92	24.2	29.7	90	69	Calm	S 1	10	9	------
11	56.60	55.49	23.4	30.9	92	71	Calm	W 3	10	10	------	58.41	58.53	24.7	28.9	93	74	Calm	WbyS 3	7	7	------
12	56.91	55.43	24.5	32.2	91	64	Calm	S 1	4	6	------	59.33	57.56	23.4	31.2	93	70	Calm	W 1	10	6	------
13	56.92	55.88	25.2	32.3	93	68	Calm	W 2	4	7	------	57.25	56.93	25.9	24.3	93	95	Calm	WbyS 1	9	10	23.7
14	57.35	56.71	25.9	28.5	93	75	Calm	W 4	1	9	------	57.19	56.63	24.6	25.8	94	92	Calm	W 1	10	10	8.4
15	58.04	56.73	25.8	29.8	88	75	NW 4	W 1	10	7	19.3	57.35	56.34	23.9	31.4	96	66	Calm	S 2	2	6	------
16	58.53	56.78	23.5	28.9	94	77	Calm	N 1	10	7	3.3	57.48	55.98	24.6	31.8	93	64	Calm	SbyW 2	7	7	.8
17	57.65	57.01	24.8	28.4	93	78	Calm	W 1	9	7	15.2	57.51	56.06	24.4	29	97	78	Calm	WNW 1	6	8	7.9
18	57.30	56.66	24.5	29.1	97	76	Calm	W 1	10	9	14.3	57.09	55.74	23.6	29.5	97	75	Calm	NE 1	3	4	------
19	56.85	56.23	23.3	28	93	79	Calm	N 1	7	10	4.3	56.25	55.96	24.8	27.9	96	84	Calm	W 1	9	10	20.8
20	57.15	56.04	23.8	29.5	97	78	Calm	WNW 1	9	9	1.8	57.40	55.91	23.9	30.3	96	76	Calm	W 2	9	8	.8
21	56.89	56.70	24.8	26.2	93	90	Calm	Calm	8	9	1.5	57.73	55.24	24.5	30.9	96	72	Calm	W 1	10	4	------
22	56.49	56.28	24.4	28	93	83	Calm	Calm	10	7	13	56.23	56.05	24.6	28.6	95	80	Calm	W 3	5	7	17
23	57.17	56.17	23.5	29.4	97	74	Calm	Calm	4	6	2.5	56.37	55.17	26.8	29.2	85	71	SW 2	WbyS 4	10	9	------
24	57.49	57.11	24	27.3	92	86	Calm	NNE 1	9	10	3.1	55.62	54.81	25.4	30	88	73	S 1	WSW 4	10	10	------
25	57.94	57.59	23.8	28.5	96	80	Calm	WbyN 1	7	8	16	55.50	54.10	26.4	30.8	92	62	S 1	SSW 2	10	10	.8
26	58.68	58.01	23.2	27.2	94	81	Calm	N 2	3	10	6.1	55.97	54.44	25.8	30.6	93	76	Calm	W 3	4	4	------
27	58.40	57.50	23.7	28.1	97	77	Calm	Calm	9	10	------	56.71	56.20	23.9	26.9	92	86	Calm	Calm	1	10	5.8
28	58.17	57.36	24.3	27.6	95	86	Calm	NNE 2	9	10	6.9	57.20	56.24	24.3	29.8	96	73	Calm	WNW 1	10	10	------
29	58.59	56.99	23.1	27.4	95	74	Calm	NNE 1	10	5	.5	57.13	56.21	25.3	30.4	93	78	Calm	W 3	9	10	------
30	58.42	58.11	23.1	26.4	96	89	Calm	NNE 1	7	10	3.1	57.86	56.01	25.3	29	94	74	Calm	NNE 1	10	6	4.1
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	58.08	56.04	24.4	28.8	91	78	WNW 3	NbyE 2	10	7	2.3
Mean	57.38	56.43	24.2	29.2	93.7	75.3	0.5	1.6	7.6	8.3	------	57.05	55.94	24.6	29	93.9	76.9	0.3	1.7	8.1	8.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	134.7	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	213.2

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.13	56.28	24.1	28.3	94	84	Calm	Calm	6	10	------	57.44	56.93	23.4	25.8	97	90	Calm	Calm	10	10	6.6
2	57.55	55.46	24.3	31.3	96	73	Calm	W 1	8	8	------	57.34	56.17	23.9	27	96	80	Calm	NNE 1	10	9	.5
3	56.59	55.62	26.2	29.5	93	77	Calm	WSW 3	10	10	------	56.45	55.99	23.3	26.4	96	81	Calm	S 1	7	8	.3
4	57.64	56.18	24.2	30.8	96	72	Calm	W 4	4	4	------	56.88	56.02	26.1	28.4	89	70	NW 3	W 3	10	10	.3
5	58.01	56.81	25.8	29.8	89	78	Calm	NNE 2	7	10	------	56.57	55.91	25.9	28.7	88	75	NE 2	NNW 3	10	10	2.6
6	57.02	56	28	29.6	80	73	NNE 3	NNE 2	9	7	------	56.15	54.73	27.6	29.9	79	74	NNW 2	W 4	10	10	17.8
7	56.96	55.89	23.9	25.8	92	92	Calm	NE 2	6	10	12	55.48	54.45	24	30.9	94	65	Calm	WSW 2	10	8	11.2
8	57.14	56.39	23.3	29.5	93	75	Calm	Calm	2	6	1.5	55.88	55.70	24.7	27.7	90	79	Calm	NEbyN 2	10	10	3.5
9	57.36	56.61	23.6	30.1	95	72	Calm	W 2	4	9	------	55.54	55.43	24.4	26.5	96	84	Calm	Calm	10	10	3.8
10	57.38	56.20	24.4	29.2	95	75	Calm	WbyS 1	10	10	------	57.06	56.21	26.3	28.9	86	76	WNW 1	W 1	9	10	------
11	57.25	56.66	24.1	27.3	95	81	Calm	Calm	4	10	------	56.85	55.90	24	28	95	79	Calm	NNW 1	6	6	------
12	57.56	56.52	23.9	28.4	95	78	Calm	S 1	5	7	.5	57.51	56.32	25.1	28.5	92	80	Calm	W 3	10	8	2
13	58.09	57.69	24.4	26.9	90	81	SSW 1	WbyS 1	8	8	.3	57.08	55.92	25.6	28.4	91	82	WSW 1	W 3	10	9	10.9
14	59.12	57.44	22.8	29.1	94	79	Calm	NNE 3	1	7	------	56.97	55.76	23.5	30	96	71	Calm	Calm	10	4	------
15	58.58	56.95	24.1	29.3	95	75	Calm	NNE 2	4	4	2.3	56.80	56.05	23.9	29.3	93	72	Calm	Calm	9	7	9.4
16	57.46	56.26	23.7	29.5	94	75	Calm	W 1	4	10	------	57.44	56.05	23.9	29.1	96	76	Calm	NbyW 2	10	6	------
17	57.26	56.61	23	29.1	95	75	Calm	WSW 1	7	6	------	57.18	56.94	24.5	24.8	95	93	Calm	Calm	10	10	45.2
18	57.52	57.20	23.5	29.8	95	71	Calm	NW 1	6	7	1.3	57.20	55.86	23.4	30.5	97	68	Calm	Calm	10	8	.8
19	57.76	56.85	23.6	27.7	96	82	Calm	NEbyN 3	10	8	------	57.11	56.45	22.9	28.9	95	74	Calm	S 1	5	10	------
20	57.64	56.51	24.1	28.8	94	78	Calm	NNE 3	9	6	------	57.85	57.53	23	28.7	95	76	Calm	NNE 1	9	9	6.4
21	57.11	56.39	23.8	24.5	94	92	Calm	W 1	9	10	45.4	58.77	57.25	23.1	29.2	96	76	Calm	NNW 1	10	9	1.5
22	55.75	55.44	24.1	29.2	97	76	Calm	NbyE 1	2	9	------	57.05	56.22	25	27.3	95	83	Calm	Calm	6	9	6.6
23	56.14	55	23.7	31.4	96	70	Calm	W 2	4	8	------	56.28	56.01	24.6	27.9	97	81	Calm	Calm	8	10	------
24	56.20	55.36	24.8	27.4	94	81	Calm	W 1	9	9	------	56.49	56.23	23.9	29.8	96	69	Calm	NE 2	10	7	19.3
25	55.79	54.51	24.2	29.4	97	81	Calm	W 2	4	7	.6	57.21	56.61	22.5	29.8	96	75	Calm	W 2	7	10	------
26	54.93	54.12	24.2	30.7	97	75	Calm	WNW 2	9	8	.8	57.76	56.06	23.4	31.3	96	68	Calm	W 2	4	2	------
27	55.78	54.44	24.6	29	93	79	Calm	NNE 2	10	10	------	56.63	55.16	24.8	28.5	94	80	Calm	W 2	8	6	8.9
28	56.11	54.93	23.4	28.2	96	81	Calm	Calm	7	8	8.9	56.03	54.68	24.3	27.7	97	86	Calm	Calm	9	10	3.3
29	56.91	55.62	23.6	28.3	94	81	Calm	NW 1	9	5	17.5	56.16	55.46	24.4	27.5	96	89	Calm	WbyN 1	1	10	7.8
30	57.29	56.37	24.4	29.6	96	74	Calm	W 2	10	7	15.5	57.51	56.64	25	28.2	95	80	Calm	W 1	10	10	.3
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	57.90	56.32	26.8	27.4	86	85	NW 1	WbyN 2	10	10	18.3
Mean	57.13	56.08	24.2	28.9	94	77.9	0.1	1.6	6.6	7.9	------	56.92	56.03	24.4	28.4	93.5	78	0.3	1.3	8.6	8.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	106.6	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	187.3

ZAMBOANGA.

[ϕ=6° 54′ N; λ=122° 05′ E; barometer above sea, 6 meters; gravity correction not applied, —1.91 mm.]

JANUARY.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.36	58.19	24.2	28.9	86	71	Calm	SW 3	8	7	----
2	59.25	58.28	23.9	30.8	91	69	N 1	ESE 3	9	4	----
3	59.05	58.49	23.5	29	87	69	N 1	SW 3	4	5	----
4	59.40	58.83	24.5	31.1	91	61	Calm	ESE 3	10	9	----
5	60.01	58.83	23.9	28.7	91	77	N 1	SSE 3	9	9	----
6	60.20	59.08	23.7	29.6	85	70	N 1	SW 2	3	8	----
7	59.54	58.90	22.6	28.9	89	71	Calm	SW 3	2	3	----
8	60.07	58.62	23.1	29.1	91	73	N 1	WSW 2	6	3	----
9	59.86	58.36	23.9	30.2	92	66	Calm	E 3	9	7	----
10	60.13	59	25	31	87	53	Calm	ENE 2	9	5	----
11	60.94	60.05	23	28.1	84	76	N 1	W 2	9	9	----
12	60.45	59.65	23.4	27.9	83	61	N 2	SSE 3	8	8	----
13	61.45	60.09	21.4	28.9	76	59	N 1	SW 2	2	2	----
14	60.76	59.80	25.2	30.1	79	58	Calm	NE 2	10	6	----
15	60.10	59.56	24.4	28.8	82	71	Calm	W 2	9	5	1.8
16	61.55	60.10	23.2	28.2	89	66	Calm	SW 3	10	9	----
17	----	----	----	----	----	----	----	----	----	----	----
18	----	----	----	----	----	----	----	----	----	----	----
19	60.46	59.48	21.8	28.8	89	72	N 1	WSW 2	3	3	----
20	60.24	58.40	22.5	29.1	88	67	N 1	WSW 2	3	3	----
21	60.17	59.52	22.2	28.4	81	68	Calm	SW 2	7	4	----
22	60.64	59.71	21.8	28.4	80	77	N 1	SW 2	3	10	----
23	60.14	59.33	23.6	28.8	86	62	Calm	SSE 2	10	4	----
24	59.81	58.58	22	29.2	87	64	Calm	SSE 2	3	2	----
25	60.74	59.67	22	28.9	87	67	N 1	S 2	2	5	----
26	60.60	59.31	22.5	29.6	83	58	N 1	S 3	2	3	----
27	60.21	59.10	22.1	28.3	76	72	N 1	SSE 2	3	3	----
28	59.84	58.89	21	29.6	81	57	N 1	WSW 2	2	2	----
29	59.90	59.32	23.5	30	83	59	NNW 1	E 3	10	3	----
30	59.94	59.08	22.8	30.6	80	46	N 1	E 2	9	3	----
31	60.82	59.85	21.9	29	76	71	N 1	SW 2	3	2	----
Mean	60.19	59.17	23.1	29.2	84.8	65.9	0.7	2.4	6.1	5	----
Total	----	----	----	----	----	----	----	----	----	----	[a]1.8

FEBRUARY.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	61.09	59.99	25	28.9	77	68	NW 1	WSW 2	10	3	----
2	60.38	59.09	24	28.4	86	71	Calm	SSE 2	9	5	----
3	59.54	58.84	23	28.3	84	74	N 1	W 3	3	3	----
4	60.19	58.98	21.9	28.6	88	73	N 1	WSW 2	2	2	----
5	60.42	59.27	21.4	29.5	87	69	N 1	SSW 1	2	2	----
6	60.04	58.17	22.1	30.4	81	63	N 1	SE 2	3	3	----
7	59.39	58.64	23	28	85	73	Calm	SSE 3	4	3	----
8	60.05	58.97	23.6	30.2	80	56	Calm	SSE 3	9	8	----
9	60.49	58.90	22.5	28.6	87	66	N 1	SE 3	8	3	----
10	59.40	58.08	22.3	29.1	83	64	N 1	SE 3	8	3	----
11	58.41	58.33	23	29	83	61	N 1	SSE 3	2	6	----
12	58.79	58.03	21.9	28.3	76	71	N 1	SSW 1	3	10	----
13	58.43	57.92	23.5	31	80	56	Calm	E 3	4	5	----
14	58.35	58.88	23.8	28.9	84	74	NNE 1	WSW 2	9	9	----
15	59.95	58.72	22.6	29.4	86	65	N 1	SSE 3	8	8	----
16	60.32	59.37	23	29	86	64	ENE 1	W 3	6	10	----
17	60.54	58.83	22.1	30.2	77	46	N 1	E 3	5	9	----
18	60.02	59.49	21.9	29	80	68	N 1	W 2	4	4	----
19	60.91	60.03	21.5	28.5	78	63	N 1	WSW 2	3	3	----
20	60.51	59.18	20.8	28	66	68	N 1	SSE 3	3	2	----
21	61.10	59.40	21.7	28.2	77	69	N 1	WSW 2	3	3	----
22	60.52	59.28	22.2	28.5	72	68	N 1	SE 3	2	7	----
23	60.55	58.72	23.4	29.6	79	61	N 1	S 2	4	2	----
24	60.45	59.33	22.4	28.5	81	67	N 1	WSW 2	8	9	----
25	60.57	58.80	23.2	28.5	85	67	N 1	SSE 1	9	3	----
26	60.44	59.69	24	28.6	85	76	NW 1	W 3	4	2	----
27	60.37	59.27	22.5	28.8	93	69	N 1	WSW 1	3	8	----
28	60.62	58.79	22.2	28	84	74	N 1	WSW 2	2	3	1.3
29	----	----	----	----	----	----	----	----	----	----	----
30	----	----	----	----	----	----	----	----	----	----	----
31	----	----	----	----	----	----	----	----	----	----	----
Mean	60.07	58.96	22.7	28.9	81.8	66.6	0.9	2.4	5	4.9	----
Total	----	----	----	----	----	----	----	----	----	----	1.3

MARCH.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.38	59.12	24	28	91	77	Calm	WNW 2	10	5	0.8
2	60.78	60.39	23.5	28.7	92	71	N 1	WSW 2	9	8	----
3	60.86	60.29	24	28.4	80	71	N 1	SW 2	6	3	----
4	61.48	61.05	23.9	29	80	74	N 1	W 2	3	3	----
5	61.46	60.40	24.6	29.5	92	72	Calm	SW 2	6	2	----
6	61.04	59.79	25.4	29.4	85	74	NW 1	S 1	10	10	----
7	60.74	59.98	25.2	28.4	84	76	Calm	WSW 2	10	8	----
8	60.61	61.30?	24	27.7	91	76	N 1	WSW 1	4	9	.5
9	61.35	60.70	24.9	28.2	87	72	Calm	FSE 2	10	9	----
10	61.42	60.34	24	29	87	68	NNW 1	WSW 3	3	9	----
11	61.66	59.60	24.1	28.9	87	69	Calm	WSW 1	9	9	----
12	59.89	59.58	24.4	29.1	84	76	Calm	WSW 3	7	5	----
13	60.35	60.17	24.1	29	90	75	Calm	W 3	6	2	----
14	61.21	60.11	22.6	29.4	86	72	N 1	W 3	2	3	----
15	61.04	60.19	23	29.4	86	62	Calm	WSW 2	2	3	----
16	60.49	59.29	23.3	28.4	79	79	N 1	SSE 3	3	3	----
17	60.39	59.95	23	28.6	84	75	N 1	WSW 3	3	3	----
18	60.88	60.47	23.5	28.2	78	78	Calm	SW 2	4	4	----
19	61.69	61.32	25	27.5	84	84	Calm	SW 2	9	10	----
20	61.76	60.40	23.9	29	88	64	N 1	WSW 2	9	6	----
21	60.35	60.29	25.4	27.2	92	87	W 1	WSW 2	10	10	----
22	60.14	59.62	22.9	29.4	83	68	N 1	SE 3	3	2	----
23	60.24	59.10	25	29	80	73	Calm	SSE 3	9	2	----
24	61.78	61.07	26.4	29.5	84	72	WNW 1	SE 2	10	3	----
25	60.96	59.62	23.6	29.6	84	69	Calm	W 1	4	6	----
26	59.43	59.08	24.5	29.8	75	66	N 1	SSE 1	10	9	.5
27	59.96	59.18	24	30	86	65	N 1	E 2	9	6	3.8
28	60.18	59.08	25.5	29.4	93	69	S 2	SSE 2	10	5	8.1
29	60.23	59.79	25.1	30	92	77	Calm	SSW 1	10	6	----
30	60.74	59.58	25.5	29	88	81	N 1	SE 3	10	9	----
31	60.04	59.58	26	29	85	78	Calm	WSW 2	10	8	----
Mean	60.73	60.01	24.3	28.9	85.7	73.2	0.6	2.1	7.1	5.8	----
Total	----	----	----	----	----	----	----	----	----	----	13.7

APRIL.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.23	58.59	24.6	29.8	90	73	N 1	SW 2	9	5	----
2	59.97	59.18	26.5	28.5	84	75	Calm	W 1	10	10	----
3	59.96	59.93	24.9	29.5	86	77	N 1	W 2	5	4	----
4	60.39	59.39	25.4	29.5	85	64	Calm	W 4	8	3	----
5	61.04	59.76	26.1	29.4	84	78	NW 1	WSW 3	9	7	----
6	61.23	60.12	26	29	87	78	NW 1	WSW 2	8	3	----
7	60.40	60.13	24.9	29.2	87	76	NW 1	W 3	3	3	----
8	60.59	58.69	22.9	31.8	72	55	N 1	E 2	3	3	----
9	60.07	59.39	26.4	29.4	84	75	W 1	W 3	10	7	----
10	59.96	58.87	23.4	29.6	80	70	N 1	SSE 2	2	3	----
11	59.28	58.08	26	32	87	54	N 1	E 2	10	2	----
12	59.20	58.58	24.9	29.5	84	75	Calm	WSW 2	3	2	----
13	59.88	59.42	25.5	29.1	77	74	Calm	WSW 1	6	10	----
14	59.38	59.12	26.1	30	82	77	Calm	W 2	10	9	4.3
15	59.65	58.63	24.5	29.8	96	71	E 1	W 2	10	8	----
16	59.40	58.26	25	29.1	83	77	Calm	W 2	5	9	----
17	58.32	57.16	24.4	29.1	88	81	Calm	W 2	2	7	----
18	58.08	57.63	25.2	28.8	90	83	Calm	SW 2	8	5	----
19	58.66	58.02	24.4	29	82	81	Calm	SW 2	4	9	----
20	59.58	58.58	25.3	29.5	95	78	Calm	SW 2	10	8	----
21	59.04	57.25	24.6	29.4	93	76	Calm	SSE 2	3	4	----
22	58.98	58.15	26.5	28.9	88	84	Calm	SW 1	10	10	----
23	58.50	58.06	25.9	29.9	93	68	Calm	SSE 2	9	6	----
24	58.87	58.03	25.7	29.5	88	77	Calm	SW 2	10	4	----
25	58.64	57.32	25.4	29.6	85	76	Calm	WSW 1	9	3	17.6
26	58.35	57.14	24.8	28.1	97	82	Calm	SW 2	8	7	----
27	57.77	57.45	24.5	29.4	92	79	Calm	WSW 2	7	4	----
28	58.12	57.80	24.8	29.7	90	79	Calm	WSW 2	3	6	----
29	58.42	56.99	24	29.4	91	78	Calm	W 2	3	5	----
30	58.54	58.05	26.5	27.9	89	86	W by N 1	WSW 2	10	3	----
31	----	----	----	----	----	----	----	----	----	----	----
Mean	59.35	58.46	25.2	29.4	87	75.2	0.4	2	6.9	5.6	----
Total	----	----	----	----	----	----	----	----	----	----	21.9

[a] 29 days of observation.

ZAMBOANGA.

[$\phi=6°$ 54′ N; $\lambda=122°$ 05′ E; barometer above sea, 6 meters; gravity correction not applied, —1.91 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.34	57.63	24.6	28.2	91	85	NNW 1	WSW 2	10	8	------	57.87	57.30	25	29.4	95	82	N 1	SW 2	10	9	0.2
2	58.38	57.38	24.9	29.1	97	78	NbyW 1	SW 2	8	6	------	58.90	58.40	25.2	29.5	93	81	N 1	SSW 2	9	10	1
3	58.28	57.28	24.4	28.4	93	85	N 1	W 2	7	9	------	58.61	57.91	25	29.4	96	81	NbyW 1	SW 3	9	7	1.3
4	57.81	56.79	24.8	29	92	83	NNW 1	SW 2	6	9	------	58	57.94	25.2	27.4	93	87	NNW 2	WSW 3	9	9	------
5	57.41	57.05	26	28	89	81	W 1	SSE 3	10	10	------	57.59	57.99	24.5	27.1	92	88	N 2	NbyW 2	5	7	8.9
6	57.40	57.07	24.5	29.9	92	77	NbyW 1	SSW 2	3	6	------	57.67	57.79	24.5	25.6	90	98	N 2	WNW 2	8	8	2.3
7	56.88	55.32	25	30.5	88	75	NbyW 1	SSW 2	7	4	------	58.25	57.55	24	28	91	88	N 2	SSW 3	7	8	------
8	56.46	56	24.5	29.8	93	81	NbyE 1	SbyE 2	6	5	0.1	57.87	56.40	26.3	26.9	90	90	W 1	SW 3	9	7	6.9
9	56.46	56.13	25.5	29.5	96	84	NNW 1	SSW 2	7	8	------	56.23	56.18	24.5	28.8	91	82	N 1	SSE 3	6	7	------
10	56.79	56.58	25.2	26.5	87	94	NE 2	Calm	9	9	.1	56.81	55.83	24.3	29.4	93	79	N 2	SbyW 2	4	6	1.5
11	57.61	57.45	24.7	29.5	92	78	Calm	SW 2	4	7	------	57.11	56.72	25.2	27.5	93	88	N 2	NbyE 2	4	10	10.2
12	58.26	57.80	25	28.6	92	82	N 1	WbyS 3	7	9	.2	57.53	57.48	25.4	27.2	93	90	Calm	SSE 3	10	10	1
13	58.14	57.80	25	29	92	86	NbyE 1	WSW 2	9	8	------	57.60	56.79	24.1	29	95	89	N 1	SSE 3	9	7	12.7
14	58.75	58.30	25.2	29.1	94	82	NEbyN 1	WSW 2	9	8	39.1	56.42	56	24.5	29.6	94	84	NbyW 1	WNW 3	8	7	------
15	59.99	57.34	24.2	27.6	98	84	WbyN 1	WSW 2	10	7	.1	57.64	56.90	25.2	28.1	94	88	ENE 1	SSE 3	9	7	1.5
16	58.42	57.37	25	27.3	94	86	NNW 1	S 3	10	8	------	57.79	57.86	25.5	28	97	88	WbyN 1	WSW 3	10	10	10.4
17	58.40	58.24	25	27	96	84	NNW 1	WSW 2	10	8	3.1	57.65	56.96	25.2	31.2	93	71	ENE 1	EbyN 3	5	4	.3
18	59.66	59.15	25.4	28.3	92	81	NNE 1	E 1	5	7	------	56.80	56.31	26.2	29.9	96	80	SSE 1	WSW 3	7	6	1.8
19	59.80	58.57	24.8	31.2	92	70	N 2	ESE 2	8	7	------	57.11	56.85	26.3	26.3	93	87	SSW 2	NE 2	10	10	33
20	59.85	57.75	25.7	29	88	83	N 1	WSW 2	7	6	------	56.97	56.41	24.9	27.5	90	84	NbyW 1	SSE 3	10	6	.3
21	58.77	57.08	24.1	29.4	91	78	NbyE 2	SE 2	9	9	------	57.61	57.39	25.6	27.5	93	86	NW 1	WSW 3	10	9	3.8
22	58.80	57.63	25.1	29.2	89	83	N 1	W 3	4	9	------	57.65	56.99	24.1	28.5	91	85	NbyE 1	SSE 2	9	8	------
23	59.16	58.52	25.4	27.3	90	86	Calm	EbyS 1	5	9	------	57.32	56.80	24.8	29.4	89	76	NWbyN 1	SSW 3	5	8	1.8
24	59.08	58.18	25.1	30.6	92	76	NNE 1	SSW 2	9	7	------	57.40	56.91	23.6	27.6	91	87	N 1	SSE 2	7	8	------
25	59.54	58.83	25.7	28.8	88	81	NNE 2	SE 2	9	9	3	57.87	57.17	25.3	29.1	96	78	NWbyN 1	SW 2	5	7	------
26	59.80	58.72	24.9	29	88	79	N 2	SEbyS 2	8	7	------	57.98	57.78	24.5	29.1	94	81	NE 1	SSE 2	4	6	------
27	59.61	58.51	25.2	30.5	92	74	N 1	E 2	3	3	------	58.12	58.24	24.8	27.1	93	89	NNE 1	NNE 2	5	7	1.8
28	59.90	58.42	24.9	29.4	89	81	N 2	ESE 3	10	4	------	58.61	58.60	23.8	27	91	84	NbyE 1	NNW 2	6	8	------
29	59.63	58.15	24.8	29.9	92	80	N 1	SbyE 2	4	6	------	59.08	58.88	24.8	29	93	71	NbyE 1	NW 3	9	6	10.2
30	58.71	57.31	25.2	30.3	92	78	N 1	W 2	8	7	------	59.63	58.99	25	30.2	92	74	N 1	SSE 3	6	4	------
31	57.82	57.41	25	29.9	93	79	NNW 1	WSW 2	8	8	------	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	58.51	57.61	25	29	91.7	81.1	1.1	2	7.4	7.3	------	57.72	57.31	24.9	28.3	92.8	83.9	1.2	2.6	7.5	7.5	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	45.7	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	110.9

Day.	JULY.											AUGUST.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.89	58.40	25.1	28	91	79	N 1	SSE 2	10	7	1.5	57.81	56.99	25	30.2	90	78	N 1	ENE 2	7	5	------
2	58.61	57	24.5	29.2	90	81	N 1	SSE 3	5	6	1	57.97	57.38	24.8	31	89	73	N 1	E 2	7	5	------
3	57.88	56.72	24.3	30.4	95	69	N 1	EbyS 2	10	4	------	58.90	57.23	24.2	28.8	93	88	N 1	SE 2	5	5	------
4	58.35	58.04	25.6	29.3	88	78	N 1	SSW 2	7	7	2.3	58.01	57.36	24.2	29.5	91	76	NbyE 1	SSE 2	5	6	------
5	59.18	58.44	24.3	29	91	81	N 1	SSW 3	7	7	------	58.76	58.35	25	28.7	90	80	N 1	SW 2	9	9	------
6	58.77	58.40	24.7	27.8	92	79	NbyW 1	SW 3	7	5	19.2	58.60	58.03	24.3	28.7	91	83	NbyW 1	SSE 2	4	6	------
7	58.83	58.26	24	28.5	91	79	N 1	SW 3	6	5	.8	59.25	58.49	24.5	30.3	91	82	N 1	SSE 2	3	5	------
8	59.55	59.08	24.3	30.8	95	71	N 1	ESE 3	6	5	.5	58.81	57.53	24.3	29.4	91	84	NbyE 1	SSE 2	2	3	------
9	59.65	58.97	24	29.2	94	82	NNE 1	SE 3	7	5	1	57.97	57.58	23.7	31	91	69	NbyE 1	SW 2	2	6	------
10	59.19	58.93	24.7	28.4	96	85	NNE 1	SSE 3	7	8	4.3	59.01	57.91	24.8	30.5	96	72	N 1	E 2	6	6	5.1
11	59.08	58.73	24.2	28.2	98	83	NNE 1	EbyN 2	9	6	8.4	59.95	58.52	24	29.6	87	77	N 1	E 2	9	7	------
12	58.98	57.81	23.5	28.5	93	83	N 1	SSW 3	10	8	------	59.74	58.43	24.2	29	88	79	NbyE 1	SSE 2	8	4	------
13	58.02	57.69	23.8	29	93	81	N 1	SW 3	7	6	------	59.01	57.52	23.5	29.2	85	78	NbyE 1	SE 2	6	6	------
14	57.10	56.32	23.8	29.3	91	84	N 1	SSE 3	7	6	10.4	58.53	58.11	23.7	29.5	89	80	NbyE 1	W 2	5	7	------
15	57.57	56.29	23.8	28.6	97	82	NE 1	SSE 3	9	8	1.8	58.37	58	25.3	28.5	90	85	N 1	SSE 2	7	7	------
16	57.52	57.15	24.7	29.5	91	83	NE 1	SSE 2	9	8	.8	58.96	57.90	24.5	30	92	71	N 1	SW 2	9	8	------
17	57.36	56.58	24.2	29	97	82	NNE 1	SSE 3	6	6	------	58.20	56.87	24.3	29.2	91	81	N 1	WSW 2	7	9	2.5
18	57.11	56.72	24.6	29.2	93	78	N 1	WbyS 2	7	7	------	57.10	56.07	25.2	30.2	93	72	WNW 1	WSW 3	9	8	9.7
19	56.76	55.88	24.5	29	92	83	N 1	SSE 3	6	6	------	57.62	56.17	24.4	30.7	91	75	NW 1	SSE 2	10	7	------
20	56.50	56.67	25	26.2	94	94	NbyW 1	NE 2	9	9	4.1	57.67	56.34	25.3	30.4	93	77	N 1	SSE 2	7	6	------
21	57.59	57.35	24	27.1	98	91	NE 1	SSW 3	5	5	------	57.69	56.58	24.8	30.7	93	75	N 1	W 2	7	7	------
22	59.06	58.81	25.4	29.2	88	86	NWbyN 1	WNW 2	5	9	------	57.69	57.30	25.5	28.5	92	85	NNW 1	SSW 2	9	6	------
23	59.74	59.02	24.5	29	96	85	N 1	W 2	7	6	23.9	57.66	56.92	24.2	29.8	93	81	N 1	SSE 2	5	7	1
24	58.59	56.85	24.9	29	90	82	NWbyN 3	W 3	8	7	28.4	58.14	57.92	24.5	24.8	96	94	NNE 1	NbyE 1	9	10	10.7
25	58.55	57.82	24.2	26.7	93	86	NW 1	WSW 4	10	8	5.4	58.61	58.34	23.9	28.4	95	80	NbyE 1	SW 2	9	9	10.7
26	58.50	57.33	23.5	30	97	82	NW 2	WNW 3	10	5	2.3	59.55	59.24	22.9	27	97	84	NNW 1	SW 3	8	9	------
27	57.64	57.13	27.2	29.8	94	85	SW 2	WSW 3	9	6	.5	60.03	58.72	24.3	28.7	94	82	NNE 1	SSE 2	7	8	------
28	57.03	55.83	27.2	29	89	89	SW 3	WSW 3	10	9	7.1	60.18	59.15	24.8	30.5	93	72	N 1	S 1	7	7	9.7
29	56.04	55.52	27.3	26.5	88	86	SW 3	WSW 3	10	10	32.3	59.83	58.17	24.2	29	88	76	NbyE 1	SSE 2	6	5	------
30	56.32	56.19	27.2	28.4	88	78	SW 3	SW 3	10	8	------	59.61	57.60	25.2	29.4	94	79	NWbyN 1	SW 2	8	7	------
31	57.10	56.42	27	30.7	86	70	WbyS 1	SSE 2	6	5	------	58.40	58.10	25.4	29.4	93	78	WNW 1	WSW 2	7	9	------
Mean	58.13	57.43	24.8	28.8	92.5	81.8	1.3	2.7	7.8	6.7	------	58.63	57.70	24.5	29.4	91.6	78.9	1	2	6.7	6.7	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	156.	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	49.4

ZAMBOANGA.

[ϕ=6° 54′ N; λ=122° 05′ E; barometer above sea, 6 meters; gravity correction not applied, —1.91 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.76	57.75	23.5	29.5	90	79	NbyE 1	SSW 2	3	5	------
2	58.62	57.36	23.5	29.8	91	77	NNW 1	WSW 2	3	7	------
3	58.31	57.01	25.4	29.2	92	79	SWbyW 1	WNW 3	7	8	11.7
4	57.90	57.01	26	29.1	90	81	NW 1	SW 3	9	8	------
5	57.85	56.61	24.7	29.1	89	78	Calm	W 3	9	9	------
6	57.34	56.12	25.2	30	88	78	NW 1	WSW 2	7	7	------
7	57.34	56.15	25	29.2	92	74	NbyW 1	NW 2	9	9	------
8	57.35	55.54	25.3	30	94	75	SW 1	WSW 2	8	6	6.1
9	56.99	56.22	25.8	30.5	92	78	NW 1	W 3	4	4	------
10	57.41	57.43	24.5	25.9	93	94	Calm	SW 4	4	10	------
11	57.26	56.70	23.3	29.5	91	81	NbyE 1	WSW 2	7	8	2
12	57.30	56.32	23.8	29.8	93	78	N 1	WSW 2	5	5	------
13	57.62	56.77	24.9	29.4	90	81	NNW 1	WSW 2	3	7	------
14	58.06	56.90	24.3	29.1	91	81	N 1	W 2	5	9	24.6
15	58.26	57.10	24.6	28.3	92	83	W 4	SW 3	10	8	------
16	58.75	57.70	24.4	29.5	87	76	N 1	WSW 2	7	5	------
17	57.99	57.51	24.5	29.6	91	81	N 1	WbyS 2	7	6	14.2
18	58.07	57.25	24.5	28.7	96	82	NNW 1	SSE 2	10	8	------
19	57.65	56.85	24	28.9	93	80	N 1	SSE 2	5	6	------
20	57.86	56.67	24.7	29.2	93	80	NbyE 1	SSE 2	5	7	1.3
21	57.70	57.03	25	28.3	96	85	NNE 1	WSW 3	10	9	7.6
22	57.22	56.69	23.5	29.5	93	79	Calm	SbyE 2	9	8	------
23	58	56.79	24	29.4	89	78	N 1	WSW 2	5	6	.8
24	58.30	58	24.5	26	96	92	NbyE 1	NE 1	10	10	2.3
25	58.68	58.34	23.5	28.3	93	74	NbyE 1	WNW 2	5	6	4.3
26	59.18	58.49	24.4	29.3	95	79	NbyW 1	SW 2	7	7	1.3
27	58.92	58.34	24.3	28.5	91	81	NNW 1	SW 2	6	7	2.5
28	59.38	57.76	24	28.2	96	82	N 1	SW 2	9	8	25.4
29	59.05	57.30	23.5	28.6	96	83	Calm	W 2	10	6	------
30	59	58.69	24.3	26.3	94	92	NbyE 1	SW 2	5	9	------
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	58.07	57.15	24.4	28.9	92.2	80.7	1	2.2	6.8	7.3	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	104.1

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.34	58.05	24	28.5	91	81	NbyW 1	WSW 2	5	7	0.8
2	57.56	56.88	26	24.5	90	96	WNW 2	WSW 2	9	10	8.1
3	57.52	56.60	24.5	27	91	83	WNW 2	WSW 4	10	10	5.3
4	56.91	56.15	26.3	29	92	76	SW 2	WSW 3	5	6	6.4
5	57.18	56.58	25.2	25.9	90	88	Calm	WbyS 3	7	10	20.9
6	56.90	56.56	24.3	25	91	90	WNW 2	WNW 4	10	10	36.9
7	56.62	55.76	25.8	26.7	88	83	NW 2	WNW 4	10	8	17
8	57.10	55.75	26	27	87	86	SSE 2	SSE 2	10	6	3.1
9	57.19	56.04	24	28.2	90	78	SW 1	SSE 2	9	9	------
10	57.31	56.92	24	27.5	91	84	NNE 1	SSE 2	5	6	------
11	58.90	58.49	25.2	30.2	93	77	NE 1	WSW 2	6	5	.2
12	59.90	57.97	25.1	27.4	93	89	NNW 1	WSW 2	9	9	.3
13	57.81	56.76	24.8	27.7	88	75	NW 1	WSW 4	6	9	------
14	57.78	56.90	25	29.2	90	80	Calm	W 2	6	7	2
15	57.93	57.48	23.5	28.9	95	78	NbyW 1	SSE 2	4	6	------
16	58.46	57.13	24.6	30	90	73	N 1	SE 2	6	5	------
17	58.18	56.93	24.3	28.3	91	84	N 1	SE 2	5	4	------
18	57.88	56.15	24	30.1	90	75	N 1	WSW 2	5	5	------
19	56.96	56.47	25	28.5	90	80	N 1	SSE 2	8	5	1.8
20	58.02	56.70	24.5	29.8	97	75	NE 1	SW 2	8	7	9.4
21	58.31	55.95	24.7	29.2	92	80	WbyN 1	WSW 2	9	6	------
22	57.03	56.01	23.1	29.4	95	79	NNW 1	WSW 2	6	7	24.1
23	56.81	55.32	24.8	28.7	95	82	SSW 3	WSW 5	10	9	13.4
24	56.67	55.53	24.4	28.7	100?	81	WSW 2	WSW 3	10	10	.5
25	56.40	55.29	27	26.1	88	86	SSW 1	WNW 1	9	9	4.1
26	56.70	55.33	24	29.5	94	79	NbyW 1	SSE 2	3	2	------
27	57.30	56.42	23.6	30.5	86	72	NbyE 1	WSW 2	2	5	------
28	57.72	56.62	23.8	28.9	87	79	N 1	WSW 2	3	4	------
29	58.06	57.21	25.5	29.7	93	75	Calm	WNW 2	5	5	16
30	58.43	56.70	24.4	29.8	91	63	Calm	SW 2	9	4	.5
31	58.27	56.90	24.6	28.9	93	78	NNW 1	WSW 2	8	8	------
Mean	57.65	56.57	24.7	28.3	91.4	80.2	1.2	2.4	7	6.9	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	170.8

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.70	56.98	24.6	29.8	89	73	Calm	WSW 2	8	7	------
2	58.07	56.13	24.9	25.9	90	93	NNW 1	NNW 2	6	8	9.2
3	56.69	56.19	26.4	28	83	82	WNW 2	WSW 2	9	8	9.3
4	58.61	57.07	23.6	31	92	69	N 2	SSW 2	5	5	.1
5	58.57	57.33	25.2	29.1	97	77	Calm	SW 2	7	7	4.1
6	57.33	56.43	23.7	30.1	91	75	NNW 1	WNW 2	7	7	------
7	57.62	56.37	24	29	89	81	N 1	SW 2	5	5	------
8	58.14	57.16	23.5	30.2	90	71	N 1	WSW 2	3	5	------
9	58.06	56.84	24	29.5	86	77	N 1	SW 2	5	7	------
10	58.05	56.60	24.8	29	87	81	N 1	WSW 2	10	9	.3
11	57.85	57.64	24	26.3	94	95	N 1	SW 2	5	9	------
12	58.45	57.42	24	28.3	88	77	N 1	SbyE 2	8	6	3.6
13	59.03	58.17	23.5	29.3	96	72	NE 1	SWbyW 2	8	4	------
14	59.65	58.08	23.5	29.7	91	73	N 1	SSW 2	3	6	------
15	59.24	57.50	23.5	29.9	87	72	N 1	WSW 2	2	6	.3
16	58.06	56.80	24.4	27.8	88	81	N 1	SSE 2	6	7	------
17	58.22	57.14	23.8	30.4	93	72	N 1	WSW 2	6	8	------
18	58.57	57.89	24	27.2	88	87	NbyE 1	SW 2	9	8	4.5
19	58.82	57.34	24	30.2	91	66	NE 1	NE 2	7	8	------
20	58.33	57.29	24	28.8	94	79	ENE 1	Swbys 2	6	8	2.5
21	57.67	56.58	23.5	28.5	95	80	NNE 1	SSW 2	7	7	------
22	56.62	55.85	23.3	29.2	90	76	N 1	SW 2	2	7	------
23	56.72	55.84	24	28.6	89	77	N 1	WSW 2	5	8	------
24	56.90	55.78	23.5	28.7	91	78	N 1	swbys 2	4	5	------
25	56.32	55.15	24	27.2	89	87	N 1	NbyW 2	6	8	10.9
26	55.60	54.68	23.9	29.3	90	78	N 1	WSW 2	6	6	------
27	56.44	55.03	25.1	28.7	88	74	NE 2	SSE 2	10	5	------
28	56.71	55.53	24	29.3	89	74	N 1	SSE 2	5	6	2
29	57.37	56.68	24.2	29	93	77	NNW 1	SSE 2	8	7	------
30	57.76	56.77	23.5	29.5	93	78	N 1	WSW 2	3	5	2.8
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	57.81	56.68	24.1	28.9	90.4	77.7	1	2	6	6.7	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	49.6

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.76	57.19	24.1	25.1	94	91	NNW 1	SW 2	10	10	4.4
2	57.71	56.85	23.7	28.5	91	75	NNW 1	WSW 2	5	7	------
3	57.01	56.34	23.1	30.3	90	70	NNE 1	SbyE 2	6	6	------
4	57.57	56.58	24.8	29	87	79	NNW 1	WNW 2	9	10	------
5	56.83	56.14	25	29.4	92	70	NNW 1	WNW 2	10	9	------
6	56.30	54.76	24.1	27.4	91	84	Calm	W 4	9	10	38.4
7	56.01	55.35	27?	27.4	81?	85	WNW 5	SW 4	10	9	54
8	57.16	56.39	23.2	26.7	98	84	EbyN 2	WbyS 4	9	8	6.9
9	57.01	55.82	25	29.7	88	69	NWbyN 1	W 3	7	8	------
10	57.61	56.83	22.8	29.1	89	74	NbyW 2	WNW 3	5	7	------
11	57.14	56.27	23.4	28.6	91	75	N 2	WSW 2	4	7	------
12	58.03	56.73	23.8	28.5	85	78	N 1	W 3	7	8	------
13	57.81	56.22	24.3	30.5	87	68	N 2	WNW 3	5	8	------
14	58	56.24	23.5	30	91	71	N 2	WSW 3	5	6	------
15	57.75	56.63	23.5	29.4	90	76	NbyW 2	WSW 3	5	7	------
16	57.96	56.57	24.4	29.8	94	71	NbyW 1	WSW 2	7	6	1.8
17	57.75	57.05	23.7	27.4	92	83	N 1	NW 2	6	9	21.5
18	58.17	56.82	23.2	28.5	97	75	ENE 1	SW 2	10	6	.6
19	57.97	57.32	24.1	30.3	95	68	NEbyE 1	E 2	9	6	1
20	58.60	58.25	23.5	29.1	90	76	N 1	W 2	2	5	------
21	59.04	58.29	24.5	25.2	83	92	NbyW 1	NbyE 4	5	10	1.3
22	57.63	56.54	23.2	28.3	95	79	N 1	NNW 2	2	7	------
23	57.13	56.44	24.2	29.2	91	74	NbyW 1	NNE 2	4	8	------
24	57.22	57.09	23.5	30	93	67	NE 1	EbyN 2	2	3	------
25	57.61	57	22.9	29.4	84	75	NbyE 2	swbys 2	3	6	------
26	58.42	56.98	24	29.5	89	75	N 2	SW 2	5	5	------
27	57.14	55.78	23.9	29	92	78	N 2	SW 2	4	7	1.8
28	56.55	55.48	25.1	29	91	79	NNW 1	SSE 2	9	7	------
29	57.02	56.27	23.7	27.9	91	81	N 1	WSW 2	6	9	8.4
30	58.27	56.89	24.3	28.3	95	81	WSW 4	WSW 2	10	10	1.8
31	58.77	56.38	24	28.5	90	83	N 1	WbyN 3	5	8	1.5
Mean	57.58	56.56	24	28.7	90.5	77	1.5	2.5	6.3	7.5	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	143.4

DAVAO.

[ϕ=7° 01′ N; λ=125° 35′ E; barometer above sea, 4 meters; gravity correction not applied, −1.91 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.08	58.22	21.7	30.5	96	69	Calm	Calm	5	6	-----
2	59.03	58.94	21.5	30.4	95	69	Calm	Calm	5	6	-----
3	59.16	57.97	24.5	31	96	68	Calm	NE 2	5	6	24.1
4	60.46	59.86	23.5	27	96	84	Calm	Calm	10	8	2.5
5	61.23	58.72	23	31	97	61	Calm	Calm	6	5	-----
6	60.87	58.74	23	30.4	96	64	Calm	NE 1	5	6	3
7	59.96	58.32	22.5	30.4	96	70	Calm	Calm	5	6	-----
8	60.41	58.77	22.5	31.5	96	63	Calm	NE 1	5	5	-----
9	60.58	58.14	21.6	31.9	97	64	Calm	NE 1	6	5	3.8
10	60.82	59.07	22	30	96	71	Calm	NE 1	5	6	-----
11	61.60	59.67	20.5	31.5	95	65	NE 1	NE 1	5	6	-----
12	60.01	58.81	22.5	31	96	69	Calm	NE 1	5	5	-----
13	61.44	60.17	21	29	95	72	NE 1	NE 1	6	5	5.8
14	61.61	59.67	23.3	29	94	71	Calm	NE 1	9	5	18.5
15	60.93	59.16	22	28.5	96	74	Calm	NE 3	6	6	13.7
16	61.45	59.87	22	29	96	71	Calm	Calm	6	9	-----
17	61.34	59.16	22.5	29.5	96	71	Calm	Calm	6	5	-----
18	62.09	59.90	21.6	31.5	91	65	Calm	NW 1	5	6	-----
19	61.21	59.19	20	29.3	95	69	Calm	Calm	5	6	-----
20	60.53	57.75	21.5	32	95	63	NE 1	NE 1	5	6	-----
21	60.47	58.82	23	31	97	67	Calm	NE 1	5	6	18.5
22	61.08	58.42	23.5	29	96	71	Calm	Calm	5	8	-----
23	61.26	59.62	22.5	30.5	96	62	Calm	NE 2	6	5	-----
24	60.85	58.07	20.5	31.5	95	65	NE 2	Calm	6	6	-----
25	61.68	58.85	21.5	29	95	81	Calm	Calm	8	6	-----
26	61.75	59.57	19.5	31	90	59	Calm	NE 1	5	6	-----
27	60.34	58.60	21	32	95	54	Calm	NE 2	5	6	-----
28	60.16	58.25	22.5	32.5	91	55	Calm	NE 2	5	6	-----
29	60.72	59.05	21.6	32	95	57	Calm	NE 2	5	6	-----
30	60.93	59.05	19.5	32.5	95	49	Calm	N 2	5	6	-----
31	61.04	59.92	22.5	32	91	54	N 1	NE 2	5	6	-----
Mean	60.81	58.98	21.9	30.6	95	66	0.2	0.9	5.6	6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	89.9

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	61.84	60.09	21.5	32	95	-----	Calm	NE 1	6	9	-----
2	61.16	59.20	22	32.5	96	47	Calm	NE 1	5	6	-----
3	60.61	58.28	19	31	95	53	NE 1	NE 1	5	6	-----
4	60.75	58.40	20.5	30.9	95	64	Calm	NE 1	5	5	-----
5	60.80	58.71	20.5	32.4	95	-----	Calm	NE 2	6	5	-----
6	60.63	58.77	21.5	28	95	74	Calm	NE 1	6	5	-----
7	60.53	58.57	19.5	30.8	95	57	NE 2	NE 2	6	8	-----
8	61.19	58.70	22.5	32	96	54	Calm	NE 1	5	6	-----
9	61.13	58.70	21.5	33.3	95	52	Calm	ENE 2	5	6	-----
10	60.38	58.25	21	32.5	95	59	Calm	N 2	5	6	-----
11	59.33	57.77	19.5	32.1	95	46	Calm	NE 2	6	6	-----
12	59.28	57.08	21.5	33	91	58	Calm	NE 3	5	6	-----
13	59.12	57.79	23.5	32.8	91	48	Calm	NE 3	8	6	-----
14	59.35	58.50	21	33.2	95	52	NE 1	N 3	5	8	-----
15	61.11	59.30	22	34	91	48	Calm	NE 2	5	6	-----
16	61.09	58.70	22.5	33	91	50	Calm	NE 4	5	6	-----
17	62.05	58.80	20	33.5	91	42	Calm	N 3	5	6	-----
18	60.70	58.58	20	33.8	91	49	NE 1	NE 1	5	6	-----
19	61.88	59.15	21.5	35.4	95	40	Calm	NE 3	5	6	-----
20	61.42	58.95	21.5	34.5	95	45	Calm	ENE 2	5	6	-----
21	61.37	58.52	21.5	31.5	91	54	N 2	N 2	5	6	-----
22	61.32	58.80	23.5	34.5	75	34	Calm	NE 2	7	5	-----
23	61.12	59.32	23.5	31.5	79	54	Calm	E 2	6	5	-----
24	61.31	58.68	22.5	35	92	36	NE 1	NE 4	5	6	-----
25	61.63	58.45	21.5	35.5	87	35	Calm	NE 3	5	6	-----
26	61.24	59	23.5	33.5	87	50	NE 1	NW 3	5	6	-----
27	61.01	58.40	22	35.5	91	38	Calm	N 3	5	6	-----
28	60.43	58.50	23.5	36	91	40	NE 1	NE 4	5	6	-----
29	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
30	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	60.85	58.64	21.6	33	91.8	49.2	0.4	2.2	5.4	6.1	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0·

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.81	59.09	22.5	29.8	87	63	Calm	ENE 1	8	6	5.1
2	61.57	60.22	21.5	31.7	95	55	Calm	ENE 2	6	6	-----
3	61.74	59.23?	23.5	31.2	83	58	NE 1	N 2	5	8	-----
4	62.37	60.85	23	32.5	93	49	Calm	NW 2	8	6	-----
5	62.29	59.69	21	34.5	82	46	Calm	NW 2	5	6	-----
6	61.71	59.62	23.5	31.6	96	56	Calm	NE 2	8	6	9.4
7	61.29	60.17	23.5	28.5	96	78	Calm	NE 2	7	9	11.7
8	61.33	60.49	23.5	30	96	65	Calm	NE 1	6	6	-----
9	62.08	60.60	21.5	34	91	48	NE 1	ENE 1	5	6	-----
10	62.07	60.60	22.5	32.9	92	53	Calm	NE 1	5	6	-----
11	62.54	59.31	23	34	96	48	Calm	NE 2	8	6	-----
12	61.25	59.32	20	31.9	95	58	Calm	E 2	6	5	-----
13	60.91	60.01	22.5	32.2	96	53	Calm	NW 2	5	6	-----
14	61.68	59.67	21.4	32	93	57	Calm	NW 1	5	6	-----
15	61.63	59.43	19.5	35	95	36	Calm	N 2	5	6	-----
16	61.25	59.40	20.5	32.3	88	54	Calm	N 1	6	5	-----
17	61.21	59.23	20	35.8	95	36	Calm	NW 2	6	5	-----
18	61.64	60.15	21	34	91	48	Calm	NE 2	5	6	-----
19	62.53	60.17	21.5	35.5	91	44	Calm	E 2	5	6	-----
20	61.98	59.71	24	32.4	96	52	Calm	NW 2	5	6	-----
21	60.77	58.52	24	34.6	85	46	NE 1	NE 2	6	5	2.5
22	60.95	59.05	25.5	32.5	80	49	Calm	NE 2	9	6	-----
23	61.30	59	24	33	83	58	Calm	NE 2	5	6	-----
24	62.27	60	21	32.4	95	58	Calm	NW 2	5	6	-----
25	61.69	58.04	23	35.4	96	42	Calm	E 2	8	6	-----
26	60.03	58.45	23.5	35.5	96	44	Calm	ENE 2	5	6	-----
27	61.56	59.03	24	34	96	45	Calm	ENE 3	5	6	-----
28	60.66	58.60	22	33.4	91	55	Calm	ENE 2	5	6	-----
29	60.28	59.20	23	33.1	95	55	Calm	N 2	5	8	-----
30	60.94	59.67	22.9	31.5	97	65	Calm	Calm	8	7	19.8
31	60.41	58.95	24.2	33.4	94	62	Calm	Calm	6	7	24.1
Mean	61.44	59.53	22.5	32.9	92.1	52.8	0.1	1.7	6	6.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	72.6

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.88	57.72	23.5	32	96	66	Calm	NE 1	6	5	-----
2	60.41	58.30	24.5	33	96	58	Calm	Calm	5	6	-----
3	60.77	59.40	24	33.5	96	59	Calm	NE 1	5	5	-----
4	61.21	59.05	24	36	91	36	Calm	NE 2	6	5	-----
5	61.33	59.05	21.6	35	95	52	Calm	NE 3	5	6	-----
6	62.56	60.30	22	33.5	91	51	NE 1	NE 1	5	6	-----
7	61.45	59.95	21.5	33.5	95	50	Calm	NE 1	5	6	-----
8	61.37	59.77	22.5	30.5	87	56	Calm	NE 1	5	5	-----
9	60.83	58.55	22	33.5	91	53	Calm	NW 2	6	6	-----
10	60.46	57.80	25.4	31.5	82	58	Calm	NE 2	8	6	-----
11	60.28	58.82	22.5	31	96	62	Calm	Calm	5	6	-----
12	59.71	58.62	24	31	87	59	E 1	NE 3	6	8	-----
13	60.44	59.25	23	32	96	60	Calm	Calm	8	7	-----
14	60.39	59.32	22.5	30.5	96	65	Calm	NE 3	5	8	9.7
15	60.32	58.10	24	33.2	96	52	Calm	ENE 2	5	6	6.1
16	59.89	57.53	22.5	34	96	43	Calm	ENE 2	5	6	-----
17	58.21	57.17	21.8	32.5	97	58	Calm	E 1	5	6	-----
18	59.20	57.03	22.3	33	97	58	Calm	NE 1	5	6	24.4
19	59.51	57.65	24	32	96	60	Calm	NE 1	7	6	-----
20	60.24	58.14	23	31.5	91	63	Calm	E 1	5	6	-----
21	59.64	56.70	22.6	33	95	52	NE 1	ENE 1	5	6	3.6
22	59.31	58.62	24.5	29	92	68	Calm	NE 1	8	5	-----
23	59.43	57.60	22.5	32.4	98	55	Calm	NE 1	6	5	-----
24	59.66	57.18	23	33.6	91	55	Calm	NE 2	5	5	-----
25	58.98	57.07	23	33	96	55	Calm	Calm	5	6	-----
26	57.99	57	22.5	32.5	96	60	Calm	Calm	5	5	-----
27	58.89	56.98	23	31.4	96	63	Calm	NE 1	6	5	-----
28	58.64	57.08	22	32.7	97	62	Calm	NE 1	5	6	-----
29	59.43	56.50	23.4	33.5	88	56	Calm	ENE 2	5	7	-----
30	58.66	57.51	24.5	30	96	77	Calm	NW 1	5	5	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	60	58.13	23.1	32.5	93.8	57.4	0.1	1.3	5.6	5.9	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	43.8

DAVAO.

[ϕ=7° 01′ N; λ=125° 35′ E; barometer above sea, 4 meters; gravity correction not applied, −1.91 mm.]

Day.	MAY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.53	56.68	24	32	96	69	Calm	NW 1	6	5	21.3
2	59.63	56.35	24	31	96	69	Calm	Calm	6	5	5.3
3	58.76	57.25	24.5	31.3	96	72	Calm	Calm	8	5	------
4	58.35	56.25	25	32	96	69	Calm	NE 1	6	5	------
5	58.44	56.40	25.5	32.5	96	65	Calm	NE 1	5	6	------
6	57.95	56.43	23.5	34	96	51	Calm	Calm	5	6	------
7	57.65	55.28	23.4	32.5	97	58	Calm	NE 1	5	7	------
8	57.07	55.78	23.5	31.5	96	64	Calm	SE 1	5	6	------
9	57.25	56.67	23.5	30.5	96	66	Calm	Calm	5	5	------
10	57.73	55.80	24.5	32.4	96	61	Calm	SE 1	8	6	------
11	57.73	56.68	24.5	32.5	96	65	Calm	SE 1	5	6	------
12	58.16	56.88	24	32	97	68	Calm	SE 2	5	8	10.2
13	58.47	57.30	24	32.5	96	63	Calm	E 1	7	6	10.9
14	58.91	57.34	24.5	29	97	85	Calm	Calm	5	8	2.5
15	59.36	57.40	24.5	31.7	96	67	Calm	SW 1	6	8	5.1
16	58.96	56.92	24.5	30	96	75	Calm	Calm	6	5	34.3
17	58.88	57.77	23.5	31	96	69	Calm	Calm	7	6	------
18	60.33	58.82	23.5	31.5	96	68	Calm	SE 1	5	6	------
19	60.30	58.27	25	31	96	72	Calm	Calm	6	5	11.7
20	59.99	57.05	25.5	31.5	96	72	Calm	Calm	9	6	4.6
21	59.11	56.15	24.5	31.8	96	70	Calm	Calm	7	5	------
22	58.12	57.32	25.3	30	98	71	Calm	SE 1	6	6	10.2
23	59.42	57.10	23	31.5	96	66	Calm	Calm	5	6	------
24	58.93	58.02	23.5	31.9	96	64	Calm	Calm	5	6	13.7
25	60.21	58.67	24.5	31.9	96	64	Calm	Calm	5	6	21.1
26	60.06	58.32	24.5	31	96	72	Calm	Calm	5	5	------
27	59.91	58.32	24	31.5	96	69	Calm	SW 1	6	5	------
28	60.10	58.22	24	31.2	96	71	Calm	Calm	6	5	------
29	59.73	58.17	24	31	96	75	Calm	Calm	6	5	23.6
30	58.81	56.35	24.5	31.5	98	72	Calm	Calm	5	5	------
31	57.83	55.43	24.5	32	96	69	Calm	Calm	6	5	------
Mean	58.86	57.08	24.2	31.5	96.2	68.1	0	0.5	5.9	5.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	174.5

Day.	JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.38	56.43	24.5	32.5	96	63	Calm	Calm	6	5	3.3
2	59.26	57.35	25	31.4	96	70	Calm	SW 1	5	6	------
3	59.18	57.15	24	31.3	96	71	Calm	Calm	5	6	20.8
4	59.12	57.57	23.5	31.5	96	63	Calm	Calm	8	6	------
5	58.46	56.95	23	30.6	96	68	NW 1	Calm	5	6	------
6	58.24	57.30	22.5	31	96	65	Calm	SE 1	5	6	------
7	58.58	56.78	23.5	30.5	96	72	Calm	Calm	5	6	------
8	58.14	55.72	24	31	96	65	Calm	S 2	5	7	13.7
9	56.72	55.33	22.5	32	96	60	Calm	Calm	6	5	1.3
10	56.65	55.60	23.5	31.1	96	69	Calm	Calm	5	5	12.2
11	57.73	56.40	24.5	31	96	75	Calm	Calm	8	6	------
12	57.83	56.15	24.5	31.5	96	65	Calm	Calm	5	6	------
13	58.24	57.13	23.5	31.5	96	65	Calm	Calm	5	5	2.5
14	57.54	56.27	24	31.5	96	68	Calm	Calm	6	5	------
15	57.53	56.15	24.5	31	96	69	Calm	Calm	5	6	13.5
16	57.44	58.96	25	24.5	96	96	Calm	Calm	9	10	43.2
17	58.56	57.13	22.5	31.5	98	72	Calm	Calm	5	8	9.1
18	57.23	56.31	24.5	30.9	96	74	Calm	Calm	7	5	------
19	57.48	55.77	24.5	30	96	78	Calm	Calm	6	5	76.2
20	57.03	55.91	24	27.5	96	85	Calm	Calm	9	9	16.1
21	57.92	56.09	24	29.5	96	75	Calm	Calm	10	9	33.3
22	57.93	57.38	24.5	25	96	96	Calm	Calm	10	10	25.6
23	57.47	56.19	22.5	29	99	81	Calm	Calm	6	8	------
24	57.73	56.82	24.5	27.3	98	90	Calm	Calm	9	9	6.4
25	57.65	56.16	24	30.9	96	69	Calm	Calm	10	6	46.7
26	58.55?	57	24	29.5	96	75	Calm	Calm	9	6	5.1
27	58.63	57.54	23.5	31.7	96	66	Calm	Calm	7	5	------
28	58.53	58.14	23.9	30.3	97	70	Calm	Calm	9	7	55.9
29	59.57	57.49	24	29.7	96	80	Calm	Calm	10	5	------
30	59.34	58.64	23	29.5	96	78	Calm	Calm	5	7	8.9
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.06	56.79	23.8	30.2	96.3	73.1	0	0.1	6.8	6.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	393.8

Day.	JULY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.87	57.83	24	30.4	96	74	Calm	Calm	6	5	------
2	58.47	56.43	24	30.6	96	71	Calm	Calm	5	6	------
3	58.04	56.35	24	30.8	96	71	Calm	W 1	5	6	------
4	58.53	56.10	24	31.3	97	71	Calm	Calm	5	5	------
5	58.73	57.69	23.5	30	96	78	Calm	Calm	6	5	------
6	58.68	58.22	23	28.5	96	80	Calm	Calm	5	9	------
7	59.81	57.87	22.9	31.6	97	66	Calm	Calm	5	6	44.2
8	60.04	58.64	23.5	31	96	72	Calm	Calm	6	5	------
9	60.20	58.57	24	31.4	96	73	Calm	NW 1	6	5	11.7
10	59.59	57.87	23	30.5	95	75	Calm	Calm	6	5	10.2
11	59.31	58.47	24.5	29	96	77	Calm	Calm	10	7	------
12	58.98	57.56	23.5	30	96	71	Calm	Calm	9	5	59.7
13	57.84	56.26	22.5	29.5	96	78	Calm	Calm	6	7	11.2
14	57.14	55.97	23.5	30	96	71	Calm	Calm	5	5	------
15	57.07	56.34	24	29.8	96	73	Calm	Calm	8	5	------
16	57.52	56.50	23	31.4	96	66	Calm	Calm	6	5	------
17	57.25	56.20	23.5	30.9	96	69	Calm	Calm	5	7	------
18	57.20	56.45	23.9	31.6	95	65	Calm	Calm	5	7	------
19	56.72	55.55	24	31.5	96	67	Calm	Calm	5	6	------
20	56.98	55.82	24.5	30.4	96	76	Calm	SW 2	8	5	35
21	57.43	56.35	24.5	31.1	97	63	Calm	S 1	6	5	------
22	59.45	58.17	24	29.5	96	78	Calm	Calm	6	8	------
23	59.72	57.04	24	29	96	78	Calm	Calm	9	5	3.8
24	57.77	55.80	24	31.5	96	66	Calm	Calm	6	5	------
25	57.05	56.39	24	29.4	96	75	Calm	Calm	5	8	2.8
26	56.82	56.03	24	29.4	97	74	Calm	Calm	6	8	------
27	56.77	55.92	24	30.5	96	73	Calm	Calm	6	5	------
28	55.79	54.57	24.5	30.5	96	72	Calm	Calm	6	9	------
29	54.79	54.19	24	29	96	81	Calm	Calm	8	8	------
30	55.65	55.12	23.5	30	96	75	Calm	Calm	9	7	------
31	57	55.75	23.5	31.5	95	66	Calm	Calm	6	6	------
Mean	57.94	56.65	23.8	30.4	96	72.4	0	0.2	6.3	6.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	178.6

Day.	AUGUST.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.36	56.50	25.5	31	96	72	Calm	Calm	5	6	------
2	57.61	56.95	25.5	30.5	96	72	Calm	NW 1	5	6	------
3	58.92	57.60	25	31.5	96	63	Calm	Calm	5	6	11.7
4	58.07	56.71	22.5	31.6	96	60	Calm	Calm	5	5	6.4
5	58.34	57.34	23.1	29.5	95	86	Calm	Calm	9	5	------
6	58	57.17	23.3	31	97	69	Calm	Calm	6	5	1.5
7	59.21	57.15	22.3	31.5	97	71	Calm	Calm	5	6	------
8	59.06	56.35	23.5	31.5	96	62	Calm	Calm	5	6	------
9	57.93	57	24.5	31.5	96	69	Calm	SW 1	5	6	------
10	59.03	57.11	24	32	96	63	Calm	NW 1	5	5	------
11	59.55	58.44	24	32.2	96	65	Calm	NW 1	6	5	------
12	58.97	57.30	24	31.9	96	64	Calm	Calm	6	5	------
13	58.76	56.56	24	31	96	64	Calm	Calm	5	7	1.3
14	58.34	57.07	23	30.7	96	74	Calm	Calm	5	6	16
15	58.33	57.32	23.5	30.2	96	71	Calm	Calm	5	7	------
16	59.23	57.34	23.4	29.5	92	85	Calm	Calm	8	6	26.7
17	58.01	56.92	23	31	96	72	Calm	SE 1	5	6	50.8
18	57.19	56.28	24	29.5	96	74	Calm	Calm	5	8	52.1
19	56.48	55.82	24.9	30	92	69	SW 2	NW 1	6	6	------
20	57.10	55.82	23.5	30.6	96	68	Calm	Calm	5	5	------
21	57.13	56.10	24.5	31.4	96	70	Calm	Calm	6	6	36.1
22	57.85	56.22	23.5	30.5	96	74	Calm	Calm	5	6	------
23	57.85	56.32	23.5	31	96	69	Calm	SW 1	5	6	5.8
24	58.36	57.92	24	29	96	78	Calm	SW 2	5	8	2.5
25	58.78	57.84	23	30.5	96	72	Calm	Calm	5	6	------
26	59.72	57.93	24	30.2	96	74	Calm	Calm	5	7	1.3
27	60.03	58.32	23.5	32	96	66	Calm	Calm	5	6	2.5
28	60.33	58.71	23.5	31.4	96	71	Calm	Calm	7	6	------
29	59.61	57.30	22.5	32.3	96	68	Calm	Calm	5	6	------
30	59.43	57.12	23.5	29.5	96	78	Calm	Calm	5	8	------
31	58.43	56.40	23.5	32	96	64	Calm	Calm	7	6	50.8
Mean	58.48	57.06	23.7	30.9	95.8	70.2	0.1	0.3	5.5	6.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	265.5

DAVAO.

[φ=7° 01′ N; λ=125° 35′ E; barometer above sea, 4 meters; gravity correction not applied, −1.91 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.46	56.49	22.5	31	96	65	Calm	Calm	6	5	------
2	58.59	56	23	31.5	96	66	Calm	Calm	5	6	------
3	57.85	55.95	23.5	32	96	58	Calm	Calm	5	6	------
4	57.60	55.45	23.5	31.9	92	64	Calm	Calm	5	6	------
5	57.55	54.97	23.5	30.9	96	70	Calm	Calm	5	5	------
6	57.11	55.54	23	29.5	96	71	Calm	Calm	6	8	------
7	56.17	54.48	22.5	33	96	64	Calm	Calm	5	5	------
8	56.55	54.33	24	34	96	59	Calm	Calm	6	6	------
9	56.57	55.80	24	31	96	69	Calm	Calm	5	5	4.6
10	57	55.75	23.5	31	96	63	Calm	Calm	6	6	------
11	56.80	55.52	23.5	30	96	74	Calm	Calm	5	6	------
12	56.65	54.78	23.5	33.4	96	56	Calm	Calm	5	6	------
13	57.09	56.15	24	32	96	64	Calm	Calm	7	5	------
14	57.35	56.58	23.5	31	96	70	Calm	Calm	5	5	43.7
15	58.71	56.75	23	31.5	96	60	Calm	Calm	7	5	------
16	58.79	57.86	23	29.5	96	71	Calm	Calm	8	9	2.5
17	58.56	56.16	22.6	32	95	64	Calm	Calm	5	6	9.1
18	58.29	56.21	23.5	31.5	96	66	Calm	Calm	5	6	8.6
19	57.99	56.60	23	31.1	96	75	Calm	Calm	5	6	------
20	58.28	56.33	23.5	33.3	96	62	Calm	NW 1	5	6	------
21	58.33	56.67	24.5	31	96	69	Calm	Calm	5	6	6.1
22	57.85	56.45	24	32.4	96	62	Calm	Calm	5	6	------
23	58.05	56	23.5	32.5	96	67	Calm	NW 1	5	6	39.6
24	58.21	56.55	23	32.3	96	63	Calm	Calm	5	5	12.7
25	58.98	57.12	23.5	31.2	96	68	Calm	Calm	9	5	------
26	59.38	57.89	24	29	96	74	Calm	NW 1	6	9	------
27	59.11	57.57	23	30.5	96	67	Calm	Calm	6	9	------
28	59.38	56.92	23	32	96	66	Calm	Calm	5	6	------
29	58.76	56.44	23	30.5	96	71	Calm	Calm	6	5	------
30	58.40	56.61	23.6	31	97	72	Calm	Calm	6	6	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	57.95	56.20	23.4	31.4	95.9	66.3	0	0.1	5.6	6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	126.9

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.14	56.78	23	31.5	96	66	Calm	Calm	8	6	2.5
2	57.62	54.81	23	32	96	67	Calm	Calm	5	6	2.5
3	56.57	54.93	24	30.5	96	72	Calm	Calm	9	6	5.1
4	56.52	54.92	22.5	32.5	96	63	Calm	Calm	8	5	------
5	56.81	55.67	22.5	32.5	96	60	Calm	Calm	5	6	------
6	57.04	54.53	24	31.3	96	70	Calm	Calm	8	6	------
7	55.60	54.90	24	30	96	68	Calm	Calm	8	8	3.8
8	56.69	55.19	23.5	29.5	96	72	Calm	Calm	8	8	------
9	57	55.79	23.5	29.5	96	72	Calm	Calm	8	7	------
10	58.03	56.35	25	32.5	96	66	Calm	Calm	8	5	38.1
11	59.22	57.74	23	31.5	96	70	Calm	Calm	8	6	20.1
12	59.21	57.34	23	28	96	77	Calm	Calm	9	8	------
13	58.13	56.12	23	31.5	96	69	Calm	Calm	7	6	------
14	57.22	56.83	22.5	30.6	96	68	Calm	Calm	5	6	------
15	58.13	57.18	24.3	31.5	97	72	Calm	Calm	5	6	50.8
16	59.01	57.10	22.7	31.5	98	66	Calm	Calm	5	5	------
17	58.28	56	23	33.1	96	63	Calm	Calm	5	6	54.6
18	57.65	55.49	23.5	32.5	96	63	Calm	SW 1	5	6	7.6
19	56.60	55.39	23.5	33	96	67	Calm	Calm	8	6	------
20	57.53	55.45	24	32	96	69	Calm	Calm	5	6	29.5
21	57.64	55.29	23.5	29	96	81	Calm	Calm	5	8	9.7
22	55.72	54.51	22	30.8	96	67	Calm	Calm	8	6	------
23	55.66	54.86	23	32.3	96	65	Calm	Calm	6	5	------
24	56.15	54.07	23.5	32.5	96	60	Calm	Calm	5	6	------
25	56.25	53.97	23.5	31.5	96	63	Calm	Calm	5	5	------
26	56.26	54.75	23	32	96	63	Calm	Calm	5	6	------
27	56.67	55.30	22.7	32.5	97	67	Calm	Calm	5	6	------
28	56.77	55.71	24	31.7	97	68	Calm	Calm	5	6	------
29	56.99	56.67	24	31.3	96	68	Calm	Calm	5	6	43.2
30	58.32	56.57	24	31	96	68	Calm	Calm	6	6	------
31	56.33	55.88	24.5	32.3	96	65	Calm	Calm	5	5	14
Mean	57.25	55.68	23.4	31.4	96.2	67.6	0	0	6.4	6.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	281.5

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.48	55.98	24	33.7	96	59	Calm	Calm	5	6	------
2	57.01	55.40	23.5	32	96	63	Calm	Calm	5	6	------
3	55.93	55.67	24	29.6	96	74	Calm	Variable 5	5	9	5.1
4	58.99	56.91	23	32.5	96	69	Calm	Calm	5	6	------
5	58.28	56.92	23.5	33.6	96	55	Calm	Calm	5	7	------
6	57.52	55.85	23.5	32.8	96	60	Calm	Calm	5	6	------
7	57.38	55.85	23	32.1	96	66	Calm	Calm	5	5	------
8	58.07	56.25	22.4	31.5	96	63	Calm	Calm	6	5	12.7
9	58.68	56.05	23	32	96	63	Calm	Calm	6	5	30.5
10	58.33	56.62	23.5	31	96	67	Calm	Calm	5	6	6.6
11	58.33	57.37	23.5	29.5	96	78	Calm	Calm	5	9	------
12	58.46	56.65	22.5	31	96	72	Calm	Calm	5	6	3.8
13	59.01	57.87	22.5	30	97	73	Calm	Calm	6	5	------
14	60.04	58.77	22.5	32	96	66	Calm	Calm	5	6	6.9
15	59.29	57	23	31.6	96	64	Calm	Calm	5	6	21.6
16	58.41	56.20	22.5	31.6	96	66	Calm	Calm	5	6	------
17	57.76	56.15	22.5	31	96	65	Calm	Calm	5	5	------
18	58.20	57.41	23	30.5	96	72	Calm	Calm	5	6	------
19	59.08	57.48	23.5	29	96	71	Calm	NW 1	8	6	------
20	58.41	56.94	22.6	28.4	95	78	Calm	Calm	8	9	12.4
21	57.47	55.20?	22.5	31	96	69	Calm	Calm	5	5	------
22	56.72	55.23	22.6	29.5	97	78	Calm	Calm	6	5	13.7
23	57.02	54.95	22.5	31	96	69	Calm	Calm	6	6	------
24	56.75	55.52	23.5	31	96	69	Calm	Calm	6	5	------
25	56.40	55.54	23.5	29.6	96	79	Calm	Calm	5	8	------
26	56.05	54.70	23.6	31	97	66	Calm	Calm	5	5	19.8
27	56.59	54.50	23.9	31	97	71	Calm	Calm	6	5	------
28	57.70	55.20	23.5	31	96	65	Calm	Calm	6	5	7.1
29	57.24	56.12	24	31.5	96	63	Calm	Calm	6	5	4.6
30	57.43	56.02	24	31.5	96	69	Calm	Calm	9	6	53.3
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	-----
Mean	57.83	56.21	23.2	31.1	96.1	68.1	0	0.2	5.6	6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	198.1

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.35	56.34	24	30	96	75	Calm	Calm	9	5	5.3
2	58.07	57.06	23	28.5	97	85	Calm	Calm	8	6	------
3	56.63	56.04	23.5	27.5	96	84	Calm	Calm	5	9	------
4	56.15	55.62	23	27.9	96	82	Calm	Calm	5	8	------
5	55.59	53.60	22.5	24.5	96	92	Calm	Calm	8	9	------
6	53.80	53.39	21.5	31	98	62	Calm	Calm	9	5	------
7	55.62	55.45	23.5	28.5	96	81	Calm	Calm	8	9	-----
8	56.99	55.33	23	30	97	69	Calm	Calm	6	6	------
9	57.10	55.27	23.5	31	96	69	Calm	Calm	5	6	19
10	57.20	55.94	23	29.5	95	75	Calm	Calm	5	7	------
11	57.36	55.76	23	30.5	87	68	Calm	Calm	6	6	22.4
12	58.36	55.71	24	29.7	96	75	Calm	Calm	5	6	------
13	57.71	56.62	23	30	97	71	Calm	Calm	5	8	38.6
14	57.33	55.73	23	30	96	75	Calm	Calm	6	5	4.1
15	57.47	56.59	23	29.6	96	77	Calm	Calm	9	8	7.4
16	58.13	56.42	24.5	31	96	71	Calm	Calm	9	6	89.2
17	57.50	56.18	23.5	31.5	97	70	Calm	Calm	8	5	------
18	58.19	56.98	23.5	26.5	96	84	Calm	N 2	9	10	------
19	58.44	58.09	22.5	26.3	96	92	Calm	Calm	9	9	4.8
20	59.96	58.72	22.5	31.7	97	66	Calm	Calm	5	5	------
21	59.98	57.67	23.1	32	97	63	Calm	Calm	6	6	2.5
22	57.60	56.65	23.5	31.9	96	62	Calm	NE 1	5	6	------
23	57.31	56.43	23	28.8	96	76	Calm	N 1	5	6	16.5
24	57.50	56.83	21.5	31	96	66	Calm	N 2	5	6	16.3
25	57.30	56.28	23	32	97	67	Calm	Calm	8	6	21.8
26	58.05	56.06	23.5	31	96	69	Calm	Calm	5	5	------
27	57.25	56.32	24	30.5	96	68	Calm	Calm	5	6	20.1
28	56.88	55.67	24	30	97	75	Calm	Calm	5	6	------
29	57.35	56.41	24	30.5	95	68	Calm	Calm	5	6	------
30	58.05	56.16	24	31	97	72	Calm	Calm	5	6	35.6
31	58.07	55.64	22.5	29	96	74	Calm	Calm	8	9	------
Mean	57.46	56.16	23.2	29.8	96	73.6	0	0.2	6.5	6.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	303.6

CAGAYAN, MISAMIS.

[φ=8° 29′ N; λ=124° 38′ E; barometer above sea, 13 meters; gravity correction not applied, —1.89 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.57	58.15	23.6	28.2	90	75	Calm	Calm	10	9	1.5	60.92	59.43	22.1	30.1	88	64	S 1	N 1	2	4	------
2	59.44	57.84	20.7	29.5	91	73	S 1	N 3	7	5	------	60.63	59	21.2	30.5	90	53	Calm	N 1	5	3	------
3	58.94	57.76	22.6	29	84	71	Calm	N 2	10	3	1.3	59.65	58.75	19.5	28.6	83	64	S 1	N 2	2	3	------
4	59.83	58.65	24	28.3	97	76	Calm	Calm	10	10	------	60.01	58.54	19.7	29	83	61	Calm	N 2	5	3	------
5	60.09	58	22.9	30	97	71	S 1	N 2	5	3	------	60.30	59.11	20.4	29	83	67	S 1	N 2	2	3	------
6	60.22	58.44	22.2	29.7	89	73	Calm	N 2	4	3	------	60.12	58.04	20.9	30	87	63	S 1	N 2	2	3	------
7	59.72	58.43	20.7	30	90	66	S 2	N 2	2	4	------	59.58	58.33	20.6	30.2	88	62	Calm	N 2	2	2	------
8	59.94	58.17	21.5	29.9	91	67	S 1	N 2	3	2	------	60.38	58.77	20.4	30.5	97	48	S 1	N 2	4	3	------
9	59.94	57.79	22.5	29.5	89	72	S 1	N 2	2	3	------	60.58	59.04	18.8	29.6	79	59	S 1	N 2	2	3	------
10	59.70	58.55	21.6	30.5	87	66	S 1	N 2	3	3	------	59.70	57.82	19.4	30.5	83	52	S 1	N 2	4	4	------
11	60.80	59.87	22.2	29.1	81	66	S 2	N 1	5	8	------	58.32	56.94	18.1	31	70	50	S 2	N 2	3	3	------
12	60.98	58.94	24.5	30	81	51	Calm	N 2	5	4	------	58.60	57.18	20.3	30.2	83	61	S 1	N 2	4	6	------
13	61.41	60.43	22.1	28.3	90	72	S 1	N 2	5	8	------	58.77	57.43	22	30.7	92	61	S 1	N 2	5	4	------
14	60.89	60.08	23.2	29.2	91	70	Calm	N 1	10	10	13.2	58.60	57.97	19.6	31	80	59	S 1	N 1	6	6	------
15	59.95	58.93	21	28.5	92	74	S 2	N 3	8	8	3.3	60.35	58.74	21.5	31.2	85	57	S 2	N 2	5	6	------
16	61.36	60.14	23	26.4	97	90	Calm	Calm	9	10	1.8	60.67	59.31	20	28.2	76	68	S 1	N 1	4	9	------
17	61.57	59.43	21.9	29.6	97	70	Calm	N 2	7	2	------	60.78	58.81	18.1	29.5	84	58	Calm	N 2	5	2	------
18	61.70	59.80	20.7	30	89	64	S 2	N 2	3	2	------	60.09	59.14	18	29.1	76	60	S 1	N 2	3	3	------
19	60.36	58.86	20	29.7	88	62	S 2	N 1	3	3	------	61.17	59.99	20.1	29.3	80	57	Calm	N 2	4	5	------
20	60.53	58.17	19.7	28.4	82	69	S 2	N 2	2	2	------	61.12	58.65	19.6	30	77	59	S 1	N 2	3	3	------
21	59.93	58.79	22	29	91	74	Calm	S 2	5	7	.3	60.98	58.91	19.9	29	90	64	Calm	N 2	4	3	------
22	60.42	58.83	22.1	30.3	96	67	S 1	N 2	5	6	------	60.64	58.43	22.7	32.1	79	38	Calm	N 2	3	3	------
23	60.25	58.96	23.6	29.6	90	63	Calm	N 2	5	5	------	60.75	59.34	21.1	30.1	73	61	Calm	N 2	5	4	------
24	60.37	57.98	23	30.5	89	54	Calm	N 2	6	5	------	60.98	59.01	20.7	29.7	82	64	Calm	N 2	3	3	------
25	61.17	59.75	20.4	30.5	91	57	S 1	N 1	3	3	------	61.11	58.80	20.6	30.8	85	54	S 1	N 2	2	3	------
26	61.21	59.26	18.3	30	87	53	S 1	N 2	2	2	------	60.55	59.54	20.6	28.7	85	69	S 1	N 2	3	2	------
27	60.69	59.04	18.6	29.1	76	64	S 1	N 3	3	3	------	60.36	58.84	21.9	29.6	80	65	Calm	N 2	2	3	------
28	59.84	58.49	20.3	29.5	84	66	S 1	N 2	2	3	------	60.10	59.35	23.6	27.6	78	72	Calm	N 3	5	8	------
29	60.12	58.97	21.4	30.1	93	60	S 1	N 2	2	3	------	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
30	60.29	58.65	19.2	28.8	78	67	S 1	N 2	3	3	------	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
31	60.47	58.80	22.9	30.5	88	61	S 1	N 2	3	3	------	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
Mean	60.38	58.84	21.7	29.4	88.9	67.2	0.8	1.8	4.9	4.7	------	60.21	58.69	20.4	29.8	82.7	59.6	0.7	1.9	3.5	3.8	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	21.4	-----	-----	-----	-----	-----	-----	------	------	-----	-----	0

Day.	MARCH.											APRIL.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.14	58.90	21.7	28.6	87	71	Calm	N 2	3	4	------	59.89	58.07	24.1	31.6	87	63	Calm	N 1	5	7	------
2	60.87	59.59	21.6	31	86	56	S 1	N 2	3	3	------	59.31	58.26	24	31.9	87	56	Calm	N 2	3	2	------
3	60.95	59.27	21.1	32	81	55	Calm	N 2	4	3	------	59.66	58.71	24.1	32.4	86	59	Calm	N 3	3	3	------
4	61.57	60.42	22.3	32.1	88	50	Calm	N 1	2	3	------	60.11	58.78	23.6	32.2	85	57	Calm	N 2	3	2	------
5	61.94	59.82	21	30.6	84	56	Calm	N 2	4	3	------	60.98	59.09	21.6	31.2	72	56	S 1	N 2	3	2	------
6	61.02	59.18	22.6	30	85	62	S 1	N 1	4	5	------	61.26	59.39	20.7	32.4	76	50	S 1	N 2	3	3	------
7	60.54	59.15	24.1	29.2	86	72	Calm	Calm	5	9	------	60.81	59.79	20.5	30.5	73	58	S 1	N 2	3	2	------
8	60.59	59.82	22.8	31.7	84	59	S 1	N 2	3	3	------	60.60	58.54	20.9	31.7	83	58	Calm	N 2	3	2	------
9	61.36	59.78	22.3	31.1	93	60	Calm	N 2	2	3	------	59.67	58.22	22.6	33	82	51	Calm	N 3	2	3	------
10	61.45	60.64	21.7	30.6	85	65	S 1	N 1	3	3	------	60.46	57.99	23.4	32	76	62	Calm	N 2	6	7	------
11	61.94	60.02	22.6	30	86	68	S 1	N 2	2	3	------	59.54	57.47	21.7	32.4	78	56	S 1	N 2	5	6	------
12	60.04	58.54	20.2	31.6	87	42	Calm	N 2	2	3	------	59.32	57.66	23	33.3	79	51	Calm	N 1	3	2	------
13	60.24	59.92	21.6	30.6	83	65	Calm	N 2	2	3	------	59.86	58.79	24.7	32	79	55	Calm	N 3	3	3	------
14	60.99	59.53	21.8	30.4	84	54	Calm	N 2	3	2	------	59.64	58.32	22.7	33	79	57	Calm	N 2	3	3	------
15	61.27	59.48	20.6	31.7	70	50	S 1	N 1	3	3	------	59.05	57.67	25.9	32.2	82	57	Calm	N 3	5	2	------
16	60.55	58.63	20.5	30.1	78	59	Calm	N 2	3	3	------	59.02	57.69	24.3	31.6	82	56	S 1	N 2	2	3	------
17	60.10	59.26	23.1	30.6	79	56	S 1	N 2	2	3	------	58.31	56.57	23.2	32.1	80	53	Calm	N 1	2	3	------
18	60.88	60.24	21.5	30.4	78	60	S 2	N 2	3	3	------	57.65	57.13	24.2	32	82	63	Calm	N 1	3	2	------
19	61.56	60.75	22.5	30.7	79	59	S 1	N 2	3	3	------	58.65	57.43	24.2	31.9	79	59	Calm	N 3	2	3	------
20	61.66	60.62	25.2	31.1	75	60	Calm	N 1	8	7	------	59.33	56.53	23.9	32	84	61	Calm	N 2	3	5	------
21	60.50	59.29	22.5	31.6	79	56	S 1	N 2	3	3	------	59.01	56.69	23.6	32.4	80	61	S 1	N 2	2	3	------
22	59.92	58.52	24.8	31.6	72	54	S 1	N 1	2	2	------	58.96	56.86	25.9	32.9	81	54	Calm	N 1	2	3	------
23	60.24	58.54	23.1	31.9	86	56	S 1	N 1	3	3	------	58.41	57.52	24.4	30.7	73	67	Calm	N 2	2	3	------
24	61.61	60.01	22.7	30.4	81	65	S 1	N 3	2	3	------	59.04	57.46	23.5	32.7	88	61	Calm	N 1	3	2	------
25	60.93	59.24	24.3	31.1	85	60	S 1	N 2	3	5	------	58.73	57.04	25.2	28.9	80	47	Calm	Calm	3	9	17.3
26	59.67	58.75	23.7	31.1	71	55	S 1	N 2	3	3	------	58.37	56.75	23.7	31.2	91	66	Calm	N 1	8	3	------
27	60.50	58.78	21.6	31.5	69	57	S 1	N 2	2	3	------	57.71	56.59	23.6	32.5	87	55	Calm	N 1	2	3	------
28	59.53	58.62	23.1	29.5	81	70	S 2	Calm	3	6	------	57.83	57.19	23	31.6	80	63	S 1	N 1	2	3	------
29	60.27	59.59	22.6	31.1	88	66	S 1	N 2	3	3	------	58.36	56.40	24.8	30.5	83	63	Calm	N 1	5	7	------
30	60.37	59.47	23.6	31.9	91	59	Calm	N 2	3	2	------	58.26	57.09	24.5	29.5	81	75	Calm	Calm	3	10	------
31	60.19	58.67	24.5	31.1	87	66	Calm	N 1	6	3	------	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
Mean	60.75	59.45	22.5	30.9	82.2	59.5	0.6	1.6	3.1	3.5	------	59.26	57.72	23.5	31.8	81.2	58.3	0.2	1.7	3.2	3.7	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	0	-----	-----	-----	-----	-----	-----	------	------	-----	-----	17.3

CAGAYAN, MISAMIS.

[ϕ=8° 29′ N; λ=124° 38′ E; barometer above sea, 13 meters; gravity correction not applied, —1.89 mm.]

Day.	MAY.												JUNE.											
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.17	56.74	25	30	89	73	S 1	N 2	6	8	4.3	57.21	56.46	24.5	32.6	79	62	S 1	N 2	3	3	------
2	58.17	56.42	23.6	31.1	91	62	S 1	N 2	7	8	------	58.37	56.96	25.1	33	82	59	S 1	N 2	5	3	------
3	58.22	56.48	25	31.7	88	67	Calm	N 2	6	9	------	58.91	56.61	25.6	32.6	80	63	Calm	N 3	6	6	6.9
4	57.70	55.48	24.7	31.2	91	68	Calm	N 2	7	6	------	58.62	56.68	24.1	31.8	86	62	Calm	N 2	5	6	2.8
5	57.25	56.39	24.6	30.8	87	71	Calm	NNE 2	5	3	------	57.47	56.63	23.5	31.9	92	61	SSW 2	N 1	3	2	------
6	57.32	56.38	23.6	32.2	87	60	Calm	N 2	2	3	------	57.82	56.52	23.6	32.5	84	58	S 1	N 2	3	5	.8
7	56.83	55.79	24.5	31.4	79	64	S 1	N 2	3	3	------	58.26	56.12	24.1	31.9	84	61	Calm	N 2	3	3	------
8	56.33	55.12	25.1	32.7	83	57	S 1	Calm	2	7	------	57.56	55.26	24.3	33.1	85	60	Calm	N 2	5	6	12.7
9	56.50	55.79	24.5	31.3	81	68	Calm	N 1	3	8	.8	56.52	55.29	22.9	31.7	90	62	SSW 2	N 1	3	3	------
10	57.02	55.59	25.4	29.3	89	74	Calm	N 2	10	8	.5	56.52	55.23	23.5	32	90	61	Calm	N 1	5	3	------
11	57.48	56.63	25.1	31.3	92	61	Calm	N 1	6	3	------	56.92	55.37	24.6	31.9	87	62	Calm	N 2	2	3	------
12	57.96	57.09	24.3	29.9	82	73	S 1	N 2	6	8	1.5	57.34	56.30	25.5	30.1	80	71	Calm	N 2	9	9	31.2
13	58.10	56.99	24.7	31	94	65	S 1	N 1	6	9	13.5	57.06	55.88	23.6	31.3	93	69	Calm	N 2	3	8	6.6
14	58.65	56.74	24.3	31	93	67	Calm	N 1	3	5	5.1	56.58	55.50	24.3	30.2	93	71	Calm	N 2	8	6	------
15	59.11	57.12	24.7	30.9	94	66	Calm	N 2	3	6	------	56.95	55.87	25.7	32.4	92	68	Calm	N 2	7	6	------
16	58.12	56.49	25.1	31.1	87	71	Calm	N 2	2	8	.8	57.23	56.62	25.3	30	88	72	Calm	Calm	9	9	2.3
17	58.10	57.35	24.8	30.2	95	70	S 1	N 2	5	8	2.3	57.86	55.73	24.6	33.3	89	61	S 1	N 2	6	3	------
18	59.53	58.14	23.8	31.5	93	64	S 1	N 2	6	7	------	56.42	54.77	25	32.9	87	63	Calm	N 2	2	6	------
19	59.99	57.84	25	32.1	90	64	Calm	N 2	6	3	------	56.57	55.26	25.7	31.9	87	65	Calm	N 2	5	7	48
20	59.52	57.11	25.4	33.2	82	56	S 1	N 1	2	3	.5	56.72	55.48	24.2	29	96	78	Calm	N 1	6	9	------
21	58.57	56.32	25.6	33	88	60	S 1	N 2	5	6	------	57.21	56.34	24	28.5	91	78	Calm	Calm	10	10	1
22	58.03	56.94	25	30.5	80	68	S 1	Calm	5	7	5.1	57.51	56.38	24.2	28.6	98	78	Calm	Calm	10	10	4
23	58.60	57.69	24.6	30.7	93	69	Calm	N 1	5	7	6.1	57.08	55.48	24.6	30.3	96	72	Calm	N 1	9	9	50.8
24	58.79	57.64	24.6	30.5	87	72	Calm	N 2	9	6	------	57.37	55.89	23.5	30.7	96	69	Calm	NE 1	6	7	17.3
25	59.27	57.57	24.8	32.3	89	62	Calm	N 2	6	7	------	57.48	56.38	23.7	29.5	94	71	Calm	N 2	7	10	50.8
26	59.54	57.37	27	32.4	85	64	Calm	N 2	7	3	1.8	57.96	56.88	23.3	29.5	95	73	Calm	NE 2	9	10	50.8
27	59.43	57.23	24.1	33.3	88	59	Calm	N 1	4	3	2	58.23	57.27	23	31.1	93	69	Calm	NE 1	7	6	------
28	59.80	57.93	26.3	28.2	91	81	Calm	Calm	9	10	------	58.46	57.85	24.1	30.1	87	74	Calm	Calm	9	9	------
29	59.26	56.96	25.4	32	91	66	Calm	N 2	10	3	------	58.89	57.64	24	30.1	89	65	Calm	N 1	6	8	1
30	58.52	56	25.2	33	85	61	S 1	N 2	2	3	------	59.26	57.90	23.2	30.6	86	68	Calm	N 1	3	2	1.5
31	57.33	55.55	24.8	32.5	84	63	S 1	N 3	2	2	------	------	------	------	------	------	------	------	------	------	------	------
Mean	58.30	56.74	24.9	31.4	88	66	0.4	1.6	5.2	5.8	------	57.55	56.22	24.2	31.2	89	66.9	0.3	1.5	5.8	6.2	------
Total	------	------	------	------	------	------	------	------	------	------	44.3	------	------	------	------	------	------	------	------	------	------	288.5

Day.	JULY.												AUGUST.											
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.31	57.54	24.9	29.2	90	78	S 1	N 1	6	7	------	56.89	55.77	23.3	32.5	86	56	Calm	N 1	6	7	------
2	58.26	55.57	24.2	31.8	90	64	Calm	N 2	5	6	2.8	57.50	55.98	23.8	31.8	86	64	Calm	N 1	7	3	------
3	57.75	55.59	24.4	31.2	91	68	Calm	NNW 2	7	6	------	58.01	56.31	24.5	30.6	86	74	Calm	N 1	6	8	------
4	58.16	56.63	24.1	32.1	88	63	Calm	N 2	3	3	.3	57.53	55.87	23.5	31.7	87	64	Calm	N 2	3	6	------
5	58.66	58.07	24.5	28.7	88	64	Calm	Calm	7	10	------	57.97	57.14	23.8	30.6	89	68	Calm	Calm	8	8	1
6	58.52	57.59	23.7	29.3	85	79	Calm	N 1	2	8	.5	58.17	57.47	23.6	29.2	92	71	Calm	Calm	6	9	1.8
7	58.53	57.37	23.1	31.2	90	64	Calm	NNW 1	6	5	3	58.82	57.07	23.6	32.3	93	62	Calm	N 2	7	7	24.6
8	59.52	58.24	23	31.1	91	65	Calm	N 1	2	2	1.5	58.44	56.23	22.6	31.5	90	67	Calm	N 2	6	7	4.3
9	59.67	58.40	23.6	30.6	91	72	Calm	NNW 1	4	7	.3	57.42	55.78	24	31.5	88	65	Calm	N 2	8	8	20.6
10	58.87	57.44	23.6	32.2	89	64	Calm	N 1	3	6	7.6	58.28	56.37	24	31.4	91	69	Calm	N 1	8	7	2.5
11	58.47	57.77	23.4	30.5	93	68	Calm	N 3	6	9	.3	59.75	57.14	22.5	32.1	89	60	Calm	Calm	6	7	------
12	58.68	57.33	23	29.5	90	68	Calm	Calm	8	8	3.8	59.42	57.34	23.4	31.7	84	53	Calm	N 2	6	3	------
13	57.66	56.27	24	29.9	96	70	Calm	N 2	10	6	.8	58.31	56.12	23.6	31.5	90	65	Calm	NNE 2	3	3	------
14	56.78	55.72	23.6	29.1	93	74	Calm	NNW 1	6	8	------	58.19	56.92	23.1	30.8	86	64	Calm	N 1	5	5	------
15	56.71	55.48	23.5	29.5	90	73	Calm	Calm	7	8	------	57.66	56.84	24.3	32.1	82	62	Calm	N 1	6	7	2.3
16	57.28	56.42	22.9	29.9	89	66	Calm	NNW 1	6	5	------	59.22	56.89	23.7	31.3	94	64	Calm	N 1	8	6	4.3
17	56.84	55.72	23	32.1	90	63	Calm	N 2	4	5	------	57.76	55.69	24.1	31.4	96	65	Calm	N 1	9	3	29
18	56.64	54.94	23.4	30.1	88	70	Calm	Calm	3	8	3.3	56.27	55.39	23.8	25.5	95	92	Calm	Calm	8	10	32.7
19	56.39	54.84	23.1	32.6	91	59	Calm	N 2	5	6	------	55.75	54.94	22.7	31.4	97	68	Calm	N 1	3	6	.5
20	56.17	55.07	25.7	32.6	88	65	Calm	N 1	5	7	50.8	56.57	55.12	23.7	31.5	94	57	Calm	N 1	5	6	------
21	57.44	56.48	23.1	31.2	96	68	Calm	NNW 2	5	7	11.9	56.97	55.62	23	31.5	89	65	Calm	NNE 2	7	6	------
22	59.07	57.99	22.3	29.6	93	71	Calm	NNW 1	6	8	------	57.83	56.40	23.1	30	89	73	Calm	NNE 2	5	6	12.7
23	58.92	57.53	23.2	30.6	86	62	Calm	NNW 2	6	9	1.5	57.04	56.08	22.6	31.2	90	68	Calm	N 1	6	3	------
24	57.88	56.53	24.4	32.2	93	61	Calm	N 1	8	7	11.7	57.74	57.60	24	30.9	88	70	Calm	Calm	5	6	10.2
25	57.30	56.09	24.5	29.7	96	70	Calm	Calm	9	9	5.3	58.52	57.32	23	29.5	96	71	Calm	Calm	7	8	.5
26	57.57	55.13	23.9	33.1	92	50	Calm	W 3	8	7	8.4	59.41	57.88	23.1	29.6	95	70	Calm	N 1	8	9	14.5
27	56.67	55.52	23.7	32.5	91	63	Calm	E 2	9	9	13.5	60.16	58.62	23.1	30.4	96	67	Calm	N 1	6	5	------
28	56.59	54.17	24	31.4	96	57	Calm	SW 2	10	9	------	59.78	58.41	22.5	31.7	88	60	Calm	N 1	6	5	------
29	54.84	54.12	24.5	30.4	87	60	Calm	SW 1	8	8	------	59.68	57.49	22.7	30.9	89	67	Calm	N 1	4	6	------
30	55.05	55.84	24.9	28	89	78	Calm	SW 3	7	10	3.9	58.96	57.30	22.9	31.5	89	68	Calm	N 1	6	7	------
31	56.31	55.18	23	33.8	93	66	Calm	Calm	8	7	------	58.14	56.98	22.5	29.6	88	70	Calm	N 1	7	9	34.5
Mean	57.63	56.34	23.7	30.8	90.7	66.5	0	1.3	6.1	7.1	------	58.13	56.65	23.4	30.9	90.1	66.4	0	1.1	6.2	6.3	------
Total	------	------	------	------	------	------	------	------	------	------	131.2	------	------	------	------	------	------	------	------	------	------	196

CAGAYAN, MISAMIS.

[φ=8° 29′ N; λ=124° 38′ E; barometer above sea, 13 meters; gravity correction not applied, —1.89 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.35	56.92	22.5	30.6	91	65	Calm	N 2	6	5	-----
2	58.04	56.07	22.6	31	88	65	Calm	N 2	8	7	7.9
3	57.80	55.90	21.8	30.7	91	69	Calm	N 1	6	5	4.8
4	57.48	55.57	22.5	29.2	92	75	Calm	N 1	4	9	27.2
5	57.37	55.21	23.2	28	85	85	Calm	Calm	5	9	13
6	56.71	54.62	23	32	96	66	Calm	Calm	7	6	28.4
7	56.37	54.88	23.1	31.9	95	63	Calm	Calm	8	9	13.2
8	56.48	54.27	23.1	32	92	60	Calm	N 1	6	8	-----
9	56.09	54.97	23	31.8	99	62	Calm	Calm	5	8	-----
10	56.72	55.71	23.5	32.1	88	60	Calm	N 1	8	6	-----
11	56.77	55.79	23.1	32.2	90	59	Calm	Calm	5	8	-----
12	56.81	55.61	23.5	31.1	86	54	Calm	Calm	6	8	-----
13	57.07	56.44	24	30	85	66	Calm	Calm	8	8	-----
14	57.88	56.52	24	29.6	86	75	Calm	Calm	7	9	22.1
15	58.47	56.42	23.5	29.1	97	71	Calm	Calm	9	6	2.3
16	58.79	58.23	22.7	28.6	95	75	Calm	N 1	6	9	.5
17	57.73	56.32	23	30.5	89	66	S 2	N 2	8	6	28.2
18	57.86	56.30	23.4	30.3	96	71	Calm	N 1	8	6	14
19	57.94	55.98	22.7	29.9	96	70	Calm	N 3	5	8	3.8
20	57.97	56.25	23.5	30.6	93	71	Calm	N 2	7	6	-----
21	57.89	56.28	23.5	30.2	90	71	Calm	N 1	4	6	1.5
22	57.37	55.73	22.6	30.4	96	74	Calm	N 2	4	7	1.5
23	57.97	55.82	23	30.5	92	69	Calm	N 2	5	6	-----
24	57.88	56.51	23.3	31.1	91	64	S 1	N 1	5	6	50.8
25	58.69	57.09	22.3	30.1	95	68	Calm	N 2	5	7	13.5
26	59.27	57.72	23	30.5	88	72	WSW 2	N 2	7	4	.5
27	58.84	57.99	22.5	28	92	84	Calm	N 1	6	9	2.3
28	59.34	57.25	22.6	30	95	73	Calm	ENE 2	7	6	-----
29	58.37	56.82	23	30.2	94	69	S 1	N 1	7	7	.5
30	58.50	57.24	22.8	30.5	90	68	S 2	N 1	5	4	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	57.76	56.21	23	30.4	91.8	68.7	0.3	1.1	6.2	6.9	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	236

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.34	57.14	23.3	30.5	95	68	S 1	N 1	5	4	1.3
2	57.62	55.18	23.6	30.1	92	72	Calm	N 2	10	5	15
3	57.08	54.56	23.1	29.7	97	64	Calm	N 1	10	9	51.1
4	56.77	55.43	22.7	28.1	96	79	Calm	SSW 1	9	10	3
5	56.87	54.70	22.4	29.8	91	73	SSW 2	NNE 2	4	9	2
6	56.67	54.59	23.8	25.6	97	92	Calm	Calm	10	10	13.4
7	55.78	54.39	23.5	30.2	94	71	Calm	N 3	8	10	39.4
8	57.15	55.70	23.1	28.1	97	74	E 1	Calm	10	9	-----
9	56.74	55.14	23	31	89	33	S 1	N 1	6	5	43.7
10	57.54	56.38	22.6	30.5	96	64	S 2	N 2	9	7	2
11	59.03	58.18	22.6	29.5	92	68	Calm	N 1	7	6	15.7
12	59.70	57.56	23.1	29	93	74	SSW 1	N 2	10	9	-----
13	57.82	55.80	23.1	29.5	90	72	S 1	N 1	7	6	12
14	57.23	56.45	22.1	29.6	95	75	S 2	Calm	3	10	2.3
15	57.42	56.73	24	29.2	95	75	S 1	Calm	5	10	15.7
16	58.58	56.50	23.7	29.7	97	73	Calm	N 2	5	8	-----
17	58.24	56.10	22.6	30.5	91	68	S 2	NNW 2	3	5	.8
18	57.58	55.92	23.2	29.4	94	76	S 2	N 2	4	5	-----
19	56.88	55.18	23.2	31.4	91	68	S 1	N 3	4	3	-----
20	57.79	55.57	24	30.2	93	71	Calm	N 1	5	6	-----
21	57.41	55.92	23.4	24	90	96	Calm	NE 3	6	10	21.8
22	56.44	54.47	22.5	29.6	93	71	SSW 1	NE 2	10	10	.8
23	55.09	53.65	23.5	32.3	96	64	Calm	SW 1	10	10	-----
24	55.44	54.02	23.7	29.3	93	69	Calm	SW 2	6	10	.8
25	55.81	53.76	23.6	31.1	95	60	Calm	SW 2	8	8	-----
26	56.01	54.87	23.8	31	89	63	Calm	N 2	6	4	-----
27	56.91	55.76	23.1	30.5	91	61	S 1	NE 2	4	5	-----
28	57.31	55.57	23.8	30.5	85	65	Calm	Calm	4	8	16.3
29	57.26	56.14	23.2	29.6	91	70	Calm	NNE 2	6	8	-----
30	57.77	55.94	23.2	31.1	94	60	SSW 1	N 1	7	8	-----
31	57.89	55.82	24.5	30.1	93	71	S 1	N 2	6	8	-----
Mean	57.26	55.58	23.3	29.7	93.1	69.7	0.7	1.5	6.7	7.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	257.1

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.73	56.44	24.4	30	96	72	Calm	N 1	6	4	-----
2	57.61	55.45	23.5	30.5	91	63	Calm	N 2	6	7	-----
3	56.07	54.64	23.1	32.5	80	59	Calm	N 1	10	8	-----
4	58.42	56.89	23.5	30.6	88	68	S 1	NE 2	6	7	0.5
5	58.91	56.13	23.1	31.2	90	66	Calm	N 2	3	4	-----
6	57.43	55.54	22.9	30.5	90	68	Calm	N 2	3	6	-----
7	57.54	55.82	22.6	30.5	92	66	SSW 1	N 2	4	3	-----
8	57.98	56.34	23.1	31	86	62	S 1	N 2	3	7	-----
9	57.72	55.39	23.5	31.7	90	64	SSW 2	N 2	8	4	15.2
10	57.48	56.29	22.8	29.1	96	68	Calm	N 1	10	9	1
11	57.54	56.83	23	29	90	78	SSW 1	N 1	4	9	.8
12	58.29	56.65	21.7	30.1	95	72	S 1	N 2	3	5	.3
13	59.44	57.34	22.4	29.2	92	73	SSW 1	N 1	4	5	2
14	59.63	57.29	22.8	30.5	93	68	Calm	N 1	5	4	-----
15	58.98	56.77	22.3	31.1	92	68	SSW 1	NW 1	3	6	-----
16	58.07	56.25	22.4	30.6	92	63	Calm	N 1	3	3	-----
17	58.03	55.98	22.2	30.5	91	68	SSW 1	N 3	2	5	3.8
18	58.29	57.26	22	28.9	95	79	S 1	N 3	2	8	1.3
19	58.92	56.97	23.1	30	95	67	Calm	N 1	4	6	-----
20	58.48	56.74	22.4	30.2	92	70	S 1	Calm	3	8	-----
21	57.75	56.09	22.7	29.6	92	74	Calm	NNW 3	6	7	-----
22	56.53	55.50	23.2	30	94	75	Calm	N 2	6	5	12.2
23	56.80	55.18	22.4	29.5	96	72	SSW 1	NNE 2	6	5	-----
24	56.87	55.25	23.4	30.1	94	71	Calm	N 2	3	6	.3
25	56.43	54.82	23.7	29.3	95	77	Calm	Calm	8	9	-----
26	55.43	54.18	22.7	30.7	94	74	SW 2	N 3	3	7	-----
27	56.78	54.39	23.5	31.1	95	67	S 1	N 2	3	3	-----
28	56.57	55.04	22.9	31	93	71	S 1	N 2	3	6	-----
29	57.39	56.04	23	30.2	96	68	Calm	N 2	3	5	-----
30	57.88	56.19	22.9	30.9	94	69	Calm	N 2	3	5	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	57.73	55.99	22.9	30.3	92.3	69.3	0.6	1.7	4.5	5.9	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	37.4

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.88	56.03	23.5	30.6	92	68	SSW 1	N 3	5	7	21.3
2	58.13	56.13	22.2	29.1	97	74	Calm	N 2	5	6	2
3	57.28	56.14	22.7	28.5	96	75	Calm	Calm	5	8	-----
4	56.81	57.16	24	24.5	89	93	Calm	Calm	10	10	22.1
5	56.78	55.18	22.2	25	98	92	Calm	Calm	10	10	13.2
6	55.43	53.75	22.8	29.4	95	66	S 2	Calm	9	10	.3
7	55.52	54.39	23.2	28.9	94	71	Calm	Calm	10	10	14.8
8	55.15	55.20	22.9	30.1	97	70	Calm	E 1	9	7	4.8
9	57.14	55.79	23.1	29.6	95	69	S 1	NW 2	9	6	-----
10	57.43	55.90	23.1	29.4	90	72	Calm	N 1	10	10	-----
11	57.38	55.83	22.6	29.7	96	68	S 1	NW 2	5	4	-----
12	57.99	55.75	23.1	29.8	94	74	S 1	NNE 2	7	8	3.6
13	57.75	55.52	22.7	30	96	65	Calm	NNW 2	8	6	-----
14	57.75	56.09	22.1	29.9	90	64	S 1	N 2	7	6	-----
15	57.60	56.33	21.7	29.2	93	70	S 1	NNE 2	5	4	13.5
16	58.43	56.80	23.3	28.5	97	78	Calm	N 1	6	8	.3
17	57.75	56.04	23.1	30.1	95	68	S 1	N 1	4	6	13
18	58.24	57.02	23.5	26.4	96	92	S 1	Calm	8	10	1.3
19	58.08	57.29	21.2	28.9	94	75	SSW 1	Calm	7	9	-----
20	58.77	57.74	22	29.4	94	74	S 2	N 2	6	6	-----
21	59.50	57.57	22.7	29.9	91	71	S 1	NNW 2	7	6	.3
22	57.77	56.69	24.1	28.7	96	78	Calm	NNW 3	5	6	1.5
23	57.26	56.42	23.4	26	94	88	Calm	Calm	5	10	2.1
24	57.86	56.66	19.4	29.5	91	66	S 2	N 1	3	9	-----
25	57.52	56.35	22.7	29.1	95	75	S 1	NW 2	6	7	20.1
26	57.82	56.09	24	29.5	96	76	Calm	NNW 2	9	6	28.7
27	57.17	55.20	23.2	28.1	98	80	S 1	NNW 1	5	6	-----
28	56.42	54.87	24	30.2	96	72	Calm	NW 2	3	6	.3
29	56.87	55.49	24	29.7	96	74	Calm	NW 2	3	6	-----
30	57.91	57.63	23.7	24	95	96	SSW 1	S 1	3	10	18.8
31	58.18	57.12	23.2	26.6	91	85	S 1	Calm	10	10	4.6
Mean	57.53	56.13	22.9	28.7	94.4	75.5	0.6	1.3	6.6	7.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	186.6

DAPITAN.

[ϕ=8° 40′ N; λ=123° 25′ E; barometer above sea, 7 meters; gravity correction not applied, —1.89 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.08	57.73	23.7	27.2	93	75	Calm	ESE 1	3	3	------	60.51	59.30	25	29.7	80	68	Calm	SE 1	5	1	------
2	58.95	57.70	25.5	29.9	96	72	Calm	ESE 1	4	2	1.3	60.45	58.88	25.4	29.5	80	61	SE 1	SE 1	5	0	------
3	58.60	58.02	26	26.8	82	78	Calm	Calm	4	9	2.5	58.97	58.26	21.4	29.4	96	62	Calm	SE 1	3	1	------
4	59.43	58.62	25.7	26.5	83	88	Calm	Calm	9	10	4.3	59.57	57.80	20.7	29.5	97	72	Calm	SE 1	0	4	------
5	59.78	58.08	25.5	29.4	93	76	Calm	ESE 1	9	3	1.5	59.86	58.85	21.5	30.1	97	61	Calm	SE 1	10	1	------
6	59.67	58.05	24.4	30.6	96	68	Calm	Calm	4	2	------	59.56	58.18	25.1	31	89	59	Calm	SE 1	9	1	0.5
7	59.05	58.03	25.5	30	88	80	Calm	Calm	10	4	1.5	58.97	58.35	25.2	29.2	80	66	SE 1	Calm	8	1	.8
8	59.48	57.68	23.7	30.4	97	72	Calm	Calm	5	1	9.4	59.98	58.65	25	29	90	71	SE 2	SE 1	6	1	------
9	59.61	57.64	25.5	30	88	71	Calm	SE 1	5	3	1.5	60.27	59.03	23.5	30.5	87	62	Calm	Calm	3	1	------
10	60.67	59.22	24.1	30.4	97	67	Calm	SE 1	3	2	------	59.37	57.90	25	29	83	68	Calm	ESE 2	5	3	------
11	60.68	58.63	26	29.3	89	73	Calm	SE 1	8	4	2.5	57.84	57.28	24	30.3	87	51	Calm	ESE 1	3	3	------
12	60.35	59.05	25	29.3	76	59	SE 1	SE 1	2	1	------	58	57.28	24.2	29.4	91	68	Calm	SE 1	0	1	2
13	60.89	59.87	21.8	29.7	94	60	Calm	E 2	1	1	11.9	58.53	57.34	25.3	30.5	88	62	Calm	SE 2	8	1	------
14	60.85	59.64	23.2	25	93	91	Calm	E 2	10	10	22.1	58.05	58.11	25	28.7	80	69	SE 2	SE 1	2	1	------
15	59.56	59.22	24.8	27.2	88	78	E 1	ESE 3	9	4	6.6	60.15	58.98	25.5	30.5	84	59	SE 1	SE 3	3	2	------
16	61.22	59.76	23	27.7	96	76	Calm	Calm	10	7	17.6	60.51	59.03	25	28.2	88	68	Calm	SE 2	3	9	------
17	61.02	59.56	25	27.4	90	78	E 2	ENE 1	9	8	1	60.20	58.65	24.5	29.8	83	62	Calm	SE 1	1	2	------
18	61.51	60	25	29.2	88	70	E 1	E 1	3	1	------	59.71	58.56	24	29.9	83	59	Calm	SE 1	2	1	------
19	60.07	59.17	25	28.4	88	72	Calm	E 1	6	3	------	60.45	59.37	24.5	30	79	60	Calm	SE 1	2	0	------
20	59.66	57.67	24.8	29.7	86	62	Calm	E 1	4	1	------	60.32	58.71	24.5	29.1	87	64	Calm	SE 1	4	1	------
21	59.52	58.35	24.4	29.8	93	69	Calm	ESE 1	3	2	6.9	60.40	59.08	25	29	80	64	SE 1	Calm	8	2	------
22	60.04	58.88	25	29.4	96	72	Calm	E 1	8	3	2.3	59.97	59.20	24.7	29.5	88	60	Calm	SE 1	5	0	------
23	59.80	58.93	25	29	83	68	Calm	SE 1	2	1	------	60.20	58.59	24.5	30.5	93	55	Calm	SE 1	5	0	------
24	59.65	58.18	24.9	29.3	84	59	Calm	SE 1	4	0	------	60.30	58.05	25.2	30.3	88	59	SE 1	SE 1	6	0	------
25	60.16	59.68	24.2	28.5	83	63	Calm	SE 2	3	1	------	60.43	58.15	25.5	29.5	80	60	Calm	ESE 2	7	2	------
26	60.41	59.20	24.5	29.3	83	59	SE 1	SE 1	10	1	.5	59.88	58.44	25.3	30.9	88	56	ESE 1	E 3	3	1	------
27	59.68	58.55	25.5	29.2	86	64	SE 1	ESE 1	9	1	------	59.52	57.88	24	31.6	97	54	Calm	E 1	2	1	------
28	59.18	58.08	23.4	28.9	92	73	Calm	SE 1	9	1	5.3	59.48	58.90	24	30	91	62	Calm	ESE 2	3	3	------
29	59.63	59.20	25.6	29.5	83	68	SE 1	SE 2	8	1	------	------	------	------	------	------	------	------	------	------	------	------
30	59.71	58.88	24	29.3	89	66	SE 1	SE 1	4	1	------	------	------	------	------	------	------	------	------	------	------	------
31	60.11	59.10	25	29.7	80	64	SE 1	SE 1	4	1	.8	------	------	------	------	------	------	------	------	------	------	------
Mean	59.94	58.72	24.7	28.9	88.8	70.7	0.3	1	5.9	3	------	59.69	58.46	24.4	29.8	86.9	62.2	0.4	1.2	4.3	1.6	------
Total	------	------	------	------	------	------	------	------	------	------	99.5	------	------	------	------	------	------	------	------	------	------	3.3

	MARCH.											APRIL.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.98	58.23	25	31.1	90	53	SE 1	SE 1	1	2	------	58.90	56.96	26.5	32.3	86	59	Calm	Calm	9	1	------
2	60.61	59.05	25	30.4	84	57	Calm	SE 1	3	0	------	58.60	57.13	26	31.5	91	66	Calm	Calm	3	2	------
3	60.03	59.25	25	29.9	80	62	Calm	SE 1	2	1	------	58.85	57.91	25.7	32.5	90	61	Calm	SE 1	5	0	------
4	60.84	59.92	26	30.4	76	56	Calm	SE 1	9	1	------	59.06	58.82	25.5	31.6	91	56	Calm	Calm	9	2	------
5	60.98	59.48	25.1	31	84	64	SE 1	SE 1	1	1	------	59.71	58.15	23	32	94	52	Calm	SE 1	2	0	------
6	60.30	58.18	26.6	30.5	72	65	SE 1	SE 1	10	2	------	60.20	58.82	26	30.5	78	57	Calm	SE 1	1	1	------
7	59.60	57.90	25.6	31.5	84	62	SE 1	SE 1	7	2	------	59.99	58.77	25.7	32	82	47	Calm	NE 1	4	0	------
8	60.04	59.16	26	32	86	60	Calm	SE 1	8	2	------	59.37	57.73	23	32.5	91	55	Calm	ESE 1	4	0	------
9	60.80	59.25	25.5	30.6	80	55	Calm	SE 1	1	1	------	58.82	57.98	25.6	31	83	59	Calm	ESE 1	2	1	1.8
10	60.50	59.67	25.8	30.7	85	55	SE 1	SE 1	5	1	------	59.20	57.55	26.5	31.6	85	60	Calm	E 1	9	2	------
11	61.04	58.95	24.4	30.6	87	55	Calm	E 1	1	1	------	58.20	57.12	26	31.3	83	62	Calm	SE 1	2	0	------
12	59.07	57.78	25.5	29.5	84	64	Calm	E 1	3	0	------	58.40	57.05	26.6	32	80	61	Calm	S 2	8	1	------
13	59.29	58.69	21.5	31	95	65	Calm	Calm	1	2	------	58.79	57.56	26	32.5	90	55	Calm	S 2	8	2	------
14	60.27	58.61	22.1	31.5	96	63	Calm	E 1	2	0	------	58.47	57.94	26	30	87	71	E 1	Calm	1	2	------
15	60.19	58.52	22	31	96	53	Calm	Calm	2	0	------	58.35	56.56	26.6	32.5	84	63	Calm	E 1	9	1	------
16	59.50	57.97	25.6	31.7	71	53	Calm	SE 1	2	0	------	57.92	56.47	26.5	32.5	84	47	Calm	SE 1	4	1	------
17	59.43	58.25	25.5	32.3	86	49	Calm	Calm	5	0	------	56.92	55.46	26.5	32	92	57	SE 1	S 1	5	1	------
18	59.96	59.08	22	30.6	93	55	Calm	SE 1	1	1	------	56.60	55.71	26.5	32.5	88	56	Calm	Calm	9	2	------
19	61.04	59.69	25.6	33	79	48	Calm	SE 1	1	4	------	57.76	56.53	26.5	33.5	85	50	Calm	S 1	4	2	------
20	60.69	58.89	25.7	31.5	86	55	Calm	SE 1	6	2	------	58.29	57.01	26.6	30.5	86	65	Calm	Calm	6	2	------
21	59.40	58.56	25.5	32.8	81	47	Calm	ESE 1	2	0	------	58.32	55.92	26.6	31.5	83	63	SE 1	NE 1	4	2	------
22	59.08	57.94	26.7	31.3	77	57	E 1	SE 1	2	1	------	57.76	56.53	26.5	32	84	58	Calm	NE 1	2	2	------
23	59.49	57.75	26	31	84	64	E 1	E 1	6	0	------	57.60	57.07	26.4	31	81	53	Calm	NE 2	3	2	------
24	60.55	59.01	26.3	31.2	82	56	Calm	SE 1	6	2	------	58.02	56.82	26.5	31.1	84	64	Calm	NE 1	4	2	------
25	60.32	58.09	23.6	32.5	90	51	Calm	ESE 1	3	0	------	57.82	56.11	26.4	31	81	62	Calm	Calm	2	2	------
26	58.70	57.63	25.3	34	84	44	Calm	SE 1	4	1	------	57.20	55.83	26.5	31.2	83	66	Calm	Calm	3	1	------
27	58.95	58.34	25.5	31.8	81	52	Calm	SE 1	3	0	------	56.60	55.53	26.5	31	83	75	Calm	E 1	8	1	------
28	58.85	57.78	26	31	85	62	Calm	SE 1	3	2	------	56.73	55.46	27	31.9	86	63	Calm	Calm	4	3	1.3
29	59.19	58.16	26	31.8	84	58	Calm	SE 1	7	0	------	57.47	55.38	26.8	32	86	50	E 1	E 1	4	2	------
30	59.44	58.81	26.6	32	87	63	Calm	Calm	7	3	------	56.90	55.31	27	33.4	83	56	Calm	NE 1	5	4	8.9
31	59.02	57.69	26	33	86	52	Calm	SE 1	9	1	------	------	------	------	------	------	------	------	------	------	------	------
Mean	59.88	58.59	25.1	31.4	84.4	56.6	0.2	0.9	4	1.1	------	58.23	56.91	26.1	31.8	85.5	59	0.1	0.8	4.8	1.5	------
Total	------	------	------	------	------	------	------	------	------	------	0	------	------	------	------	------	------	------	------	------	------	12

The barometric readings of this station do not seem to be very reliable, and they are rather too low.

DAPITAN.

[φ=8° 40′ N; λ=123° 25′ E; barometer above sea, 7 meters; gravity correction not applied, —1.89 mm.]

Day.	MAY. Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	JUNE. Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1..	57.19	55.48	24.6	29.9	98	73	Calm	Calm	3	5	-----	56.20	55.56	24.6	33	97	56	Calm	Calm	1	2	-----
2..	56.90	55.12	24.2	34	95	60	Calm	WNW 1	2	2	-----	57.41	56.05	26.4	29.4	90	79	Calm	Calm	8	3	35.1
3..	57.06	55.16	24.4	30.7	95	76	Calm	Calm	3	4	-----	57.78	55.83	25.5	31.4	98	68	Calm	Calm	7	3	4.3
4..	56.27	54.03	25.3	32.5	93	66	Calm	Calm	4	3	-----	57.15	55.95	24	30	95	70	Calm	Calm	10	6	-----
5..	56.18	54.93	23.5	32.6	96	66	Calm	NE 1	1	1	1.3	56.35	55.46	23.7	32.5	97	62	Calm	Calm	5	4	-----
6..	56.18	55.22	23.8	32	94	57	Calm	NE 1	7	1	2.8	56.25	54.33	24.1	31.2	96	68	Calm	Calm	6	4	43.2
7..	55.40	53.92	25.5	32	93	65	Calm	NNE 1	3	1	-----	57.03	55.38	24.2	31.4	97	72	Calm	ENE 1	10	3	48.5
8..	55.34	54.69	27	32	83	63	NNE 1	NNE 2	2	1	-----	56.32	55.30	25.2	31.3	98	73	Calm	Calm	9	5	44.2
9..	55.53	55.14	27.2	32.2	84	63	Calm	NNE 1	9	2	-----	55.21	53.93	23.7	31.8	98	66	Calm	ENE 1	8	6	1.3
10..	55.83	54.63	27.4	30.8	86	67	ESE 1	ESE 1	4	3	-----	55.36	53.62	24	30	96	82	Calm	Calm	2	4	.5
11..	56.12	55.03	25.7	31.7	91	71	Calm	Calm	5	3	-----	55.77	54.28	24.6	32	98	66	Calm	NE 1	4	3	.8
12..	57.04	55.80	25	82	95	66	Calm	Calm	3	2	-----	56.19	55.13	25.9	30.7	97	76	Calm	NE 1	10	6	7.4
13..	56.80	55.22	24.7	35	92	51	Calm	NW 1	1	2	-----	56.10	54.70	24.7	31.5	97	72	Calm	ENE 1	5	4	27.4
14..	57.32	55.81	25.2	32.4	92	63	Calm	WNW 1	3	2	2	55.50	54.68	24.6	30.7	97	74	Calm	Calm	10	5	13.7
15..	57.65	56.10	24.8	31.7	95	65	Calm	W 1	6	2	-----	55.98	55.01	25	31.7	97	72	Calm	Calm	7	5	-----
16..	56.67	55.03	25	30.9	92	72	Calm	Calm	1	2	20	56.13	55.77	28	30.4	85	77	ENE 1	ENE 1	8	10	1.8
17..	56.85	56.41	25.2	28	98	82	Calm	Calm	5	9	16.5	56.35	54.55	24.5	31	96	75	Calm	Calm	9	3	-----
18..	58.07	57.11	23.5	31.5	97	66	Calm	Calm	1	3	-----	55.54	54.36	27.8	31.9	86	69	Calm	ENE 1	8	4	54.6
19..	58.70	56.56	24.7	32.8	96	56	Calm	Calm	1	1	-----	55.51	54.70	25.1	29.3	98	84	Calm	W 1	9	9	63.5
20..	58.29	55.52	24.6	32.9	95	66	Calm	W 1	1	1	-----	55.87	54.35	24.1	30	97	76	Calm	Calm	10	8	1.5
21..	57.25	56.16	25.1	32.6	94	58	Calm	WNW 1	8	6	15.2	56.02	54.75	24	30	96	74	Calm	Calm	2	5	10.2
22..	56.82	56.42	26.2	31.8	98	71	NW 1	NW 1	6	7	4.1	56.70	55	24.1	30	97	77	Calm	E 1	9	10	.5
23..	57	55.90	24.5	31.8	96	71	W 1	Calm	7	2	5.1	55.82	54.08	24.3	30.7	96	66	Calm	Calm	4	3	7.9
24..	57.31	56.24	25	31.7	92	63	W 1	WNW 1	2	2	-----	56.25	54.73	24.7	30.5	97	72	Calm	Calm	10	10	1
25..	58.12	56.05	24.6	33	95	59	Calm	Calm	1	5	6.1	56.40	55.68	23.5	29.6	98	76	Calm	WNW 2	2	7	4.8
26..	58.04	56.49	25	32.4	96	67	Calm	W 1	2	3	.5	56.38	55.50	24	30.8	97	67	Calm	WNW 2	3	3	-----
27..	57.86	56.51	24.7	31.5	97	66	Calm	Calm	9	2	50.8	56.60	55.91	24.5	32.2	96	58	Calm	WNW 1	7	3	-----
28..	59.44	56.20	24.3	31.6	97	65	Calm	Calm	10	3	1	57.11	56.28	23.8	29.5	97	76	Calm	Calm	8	10	-----
29..	58.03	56.03	22.8	32.4	97	59	Calm	NE 1	2	3	-----	57.64	56.65	23.6	33	97	65	Calm	WNW 1	2	4	-----
30..	57.15	55.07	25	33.5	95	69	Calm	W 1	6	3	-----	58.07	56.65	23	33	97	64	Calm	W 1	1	5	-----
31..	56.18	54.43	24.7	32.5	97	69	Calm	W 1	5	4	-----	-----	-----	-----	-----	-----	-----	Calm	-----	-----	-----	-----
Mean	57.05	55.56	24.9	32	94	65.5	.2	0.6	4	2.9	-----	56.37	55.14	24.6	31	95.9	71.1	0	0.5	6.5	5.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	125.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	372.2

Day.	JULY. Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	AUGUST. Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1..	58.21	55.95	23.6	32.4	97	68	Calm	Calm	1	5	-----	55.75	54.83	24.2	32.5	95	69	Calm	W 2	3	2	-----
2..	56.85	54.52	24.6	32.1	97	71	Calm	WNW 1	3	6	9.4	56.45	55.15	23.5	31.8	96	70	Calm	WNW 1	1	2	-----
3..	56.46	54.63	25.5	32.5	96	69	Calm	W 1	5	4	-----	56.70	55.23	24.4	32.8	97	67	Calm	WNW 1	2	3	-----
4..	56.91	55.73	24.3	32.8	96	70	Calm	W 1	2	4	-----	56	54.80	23.1	31.8	97	72	Calm	WNW 1	2	2	-----
5..	57.40	56.65	25	31	96	75	Calm	W 1	2	5	-----	56.62	55.87	23.8	30.3	95	78	Calm	Calm	5	9	2.8
6..	57.16	55.90	24.8	31.4	97	73	Calm	NW 1	3	4	-----	56.97	56.28	23.8	31.4	96	72	Calm	W 2	10	6	1
7..	57.05	56.20	24.5	30.3	97	71	Calm	Calm	2	6	15.7	57.54	56.60	24.5	31	97	75	Calm	W 1	4	9	1.8
8..	58.08	56.87	23.8	32.5	97	66	Calm	Calm	3	3	3	57.11	55.29	23.4	32.6	97	69	Calm	W 1	1	2	-----
9..	58.55	56.98	25	32.3	97	66	Calm	NE 1	9	3	1.8	56.05	54.87	23.7	32.6	96	69	Calm	WNW 1	1	2	33
10..	57.62	56.16	26	32	96	64	Calm	NE 1	4	2	2.3	57.12	55.67	23.4	82	96	72	Calm	W 1	6	2	5.3
11..	57.15	56.35	24.3	30.3	96	76	Calm	Calm	7	10	3.3	58.47	55.75	23.2	32.1	97	69	Calm	W 1	10	4	-----
12..	57.47	55.89	23.7	31.4	96	66	Calm	NE 1	3	4	4.3	58.12	56.04	23.7	31.7	97	70	Calm	WNW 1	1	2	-----
13..	56.48	54.94	24.6	31.5	97	66	Calm	E 1	8	4	5.8	57.37	55.15	23.1	32	96	69	Calm	W 1	3	2	-----
14..	55.64	54.35	24	30	96	77	Calm	Calm	5	6	11.7	57.22	55.74	23.6	30.5	96	71	Calm	W 1	2	6	-----
15..	55.95	54.57	24.6	30	97	74	Calm	Calm	10	10	.8	55.25	54.15	24.8	31.9	96	72	W 1	W 2	2	6	-----
16..	56.28	55.45	24	30.2	97	74	Calm	Calm	8	10	54.1	57.40	55.90	25	31.2	99	74	Calm	WNW 1	5	5	1.8
17..	55.55	54.70	24.8	31	98	73	Calm	NE 1	4	2	39.6	56.47	54.60	24.2	32.4	97	73	Calm	W 1	10	4	-----
18..	55.42	56.40	25.5	30.9	96	74	Calm	NW 1	10	5	10.7	55.13	54.32	24.6	25.6	93	95	Calm	Calm	2	10	43.7
19..	55.15	53.50	24.7	31	98	69	Calm	NW 1	6	4	-----	54.87	54.47	24.3	25.2	92	94	Calm	Calm	3	10	11.4
20..	55.15	54.12	25.2	31.5	97	66	Calm	W 1	10	3	5	55.02	54.05	24.5	30.7	92	74	Calm	W 1	8	7	-----
21..	56.15	55.35	24.4	28.6	97	86	Calm	Calm	9	7	38.4	55.82	54.65	23.8	31.9	97	72	Calm	W 1	5	3	17.8
22..	57.71	56.78	23.3	29.2	97	81	Calm	W 1	10	10	-----	56.31	55.23	24.4	30.2	97	77	Calm	W 1	10	8	-----
23..	58.12	56.55	24.5	31	92	76	Calm	W 2	3	2	39.9	55.67	54.85	23.5	32.4	99	69	Calm	W 1	3	3	-----
24..	56.97	54.78	24.5	29.8	97	82	Calm	W 2	10	9	33.3	56.67	55.40	24.7	29.7	97	77	Calm	W 1	5	9	4.3
25..	56.37	55.15	23.3	28.8	96	73	Calm	WNW 2	10	10	.5	57.08	56.15	24	31.2	97	74	Calm	W 1	10	10	15.2
26..	56.25	54.53	25.3	31	89	59	SE 1	W 2	10	5	-----	58.17	57	23.5	29.5	96	77	Calm	W 1	9	9	11.4
27..	55.26	55.33	25.6	26.5	95	85	Calm	W 5	3	10	17.5	59.12	56.99	24.4	30.6	97	71	Calm	Calm	10	4	-----
28..	55.44	53.18	24.4	30	91	61	WSW 1	W 2	10	10	2.6	58.32	57.23	22.9	31.5	97	72	Calm	Calm	2	4	-----
29..	53.68	52.84	26.2	29	79	68	WNW 2	WNW 3	10	10	14	58.41	56.32	23	31.6	97	69	Calm	W 1	2	3	-----
30..	54.09	54.27	24.1	24.8	92	88	Calm	Calm	10	10	5.6	57.97	56.10	24.5	30.2	96	77	Calm	W 1	9	2	-----
31..	54.74	54.16	24.7	33	90	56	Calm	WSW 1	5	5	-----	56.89	56.20	24.2	29.2	97	76	Calm	W 1	6	6	-----
Mean	56.43	55.25	24.6	30.6	95.1	71.7	0.1	1.1	6.3	6.1	-----	56.84	55.51	23.9	31	96.3	73.7	0	0.9	4.9	5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	319.3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	149.5

DAPITAN.

[$\phi = 8°\ 40'$ N; $\lambda = 123°\ 25'$ E; barometer above sea, 7 meters; gravity correction not applied, —1.89 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.08	55.83	23.2	31.4	96	70	Calm	W 1	4	3	------
2	56.83	54.85	23.7	32.4	96	69	Calm	W 1	2	5	------
3	56.52	54.65	23	32.2	97	71	Calm	W 1	2	3	------
4	56.01	55.08	25	29.3	96	74	W 1	W 2	5	8	7.1
5	56.28	54.05	24.5	31	91	71	Calm	W 2	9	3	5.3
6	55.71	54.09	23.5	30.6	97	68	Calm	W 2	6	3	------
7	55.14	54.07	24	29.8	96	79	Calm	WNW 2	10	10	1
8	55.83	53.08	26?	31	72?	71	WNW 3	WNW 2	10	10	------
9	54.60	53.91	24.8	31.3	89	73	Calm	W 2	4	8	------
10	55.55	54.90	25.4	30.5	87	75	Calm	WNW 2	10	10	------
11	56.26	55.04	23.2	30.5	97	65	Calm	W 2	7	9	------
12	55.56	54.63	23.2	32.5	94	52	Calm	W 2	2	2	------
13	55.80	55.07	24.3	32	94	62	Calm	W 1	2	5	------
14	56.62	55.29	25.3	30	95	74	Calm	W 2	10	8	.8
15	57	54.95	24.5	31.1	96	67	Calm	W 1	10	8	17
16	57.62	56.45	23.9	30.5	97	73	Calm	W 1	5	7	.8
17	56.42	55.43	26.2	31.2	94	71	Calm	NE 1	5	3	21.3
18	56.60	54.71	24	30.6	93	73	Calm	Calm	8	3	.5
19	56.82	54.73	24	29.2	98	77	Calm	Calm	10	6	.5
20	56.74	54.91	24	31.3	96	73	Calm	Calm	3	3	------
21	56.68	55.18	25	29.5	96	77	Calm	Calm	4	6	14.5
22	56.11	54.68	23.4	31.3	97	72	Calm	NE 2	6	5	1.5
23	56.75	54.33	25	32.4	97	67	Calm	Calm	6	2	.8
24	56.75	55.45	24.3	32.5	96	68	Calm	W 2	2	6	------
25	57.20	56.54	24.5	31.4	96	70	Calm	W 1	4	6	.5
26	58.14	56.44	23.5	29.3	96	79	Calm	Calm	9	6	3.3
27	57.38	56.37	24	31.4	97	76	Calm	W 1	3	5	7.6
28	58.26	55.80	24.5	31.5	97	67	Calm	Calm	10	5	2.5
29	56.90	55.75	24.8	29.6	98	75	Calm	W 1	10	6	4.1
30	57.27	55.98	23.3	32.4	97	68	Calm	SE 1	2	5	2
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	56.55	55.07	24.3	31	94.6	70.9	0.1	1.2	6	5.6	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	91.1

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.32	55.80	25	31	96	75	Calm	Calm	3	3	3
2	56.35	54.20	24.7	30	97	82	Calm	Calm	10	10	38.3
3	55.70	53.79	24.2	29.2	98	83	Calm	W 2	10	8	26.4
4	55.26	54	23	30	98	75	Calm	Calm	10	5	7.6
5	55.37	55.08	24.6	30.2	95	72	Calm	Calm	3	4	------
6	56.70	54.94	24.4	30	97	71	Calm	Calm	2	4	.8
7	57.46	57.41	24.5	30	92	75	Calm	NW 2	8	10	19.3
8	57.68	58.08	24	29.5	89	79	NW 2	NW 1	10	10	5.4
9	55.31	55.50	24	23.2	96	97	NW 1	Calm	8	10	34.1
10	55.51	55.05	24.5	30	96	75	Calm	Calm	9	6	9.1
11	57.87	56.30	24.2	31	96	67	Calm	Calm	3	2	6.4
12	58.56	56.10	23.5	30.5	96	72	Calm	Calm	10	10	.8
13	56.60	54.83	24.5	29	97	79	Calm	W 1	10	6	20.8
14	56.16	54.50	23.4	29.2	97	76	Calm	Calm	3	8	15.5
15	56.27	55.80	24.1	25.7	96	89	Calm	Calm	4	8	3.5
16	57.22	55.02	24.5	31.9	98	70	Calm	Calm	10	4	1.5
17	57.17	54.55	23.8	32	97	66	Calm	Calm	3	2	8.1
18	56.55	54.37	25.5	32.3	96	66	Calm	Calm	9	2	9.2
19	55.64	54	25.8	31.3	96	71	Calm	NE 1	7	2	5.6
20	56.38	54.33	24.4	31.4	97	68	Calm	Calm	10	2	20.1
21	56.34	54.55	24	31.5	97	69	Calm	Calm	10	5	4.8
22	55.46	53.65	23.8	29.8	97	73	Calm	W 3	10	9	14.5
23	53.74	52.65	24.2	28.5	95	74	Calm	W 2	9	10	36.6
24	54.39	52.90	25	24.[illegible]	96	91	W 1	W 1	9	10	8.6
25	54.44	52.80	23.5	28.5	97	78	Calm	W 1	3	9	------
26	54.87	53.68	23.5	31.7	93	67	Calm	W 1	3	2	------
27	55.62	54.68	23.8	30.5	97	68	Calm	W 1	3	4	------
28	56	54.02	24	24.9	91	88	Calm	W 2	1	9	29.5
29	57.67	55.15	24	26.4	98	89	W 3	W 1	10	10	13
30	56.42	54.93	23.2	31	98	75	Calm	W 1	3	2	.8
31	56.44	54.65	24.4	30.6	97	74	Calm	Calm	4	7	14.2
Mean	56.21	54.75	24.2	29.5	96	75.9	0.2	0.6	6.7	6.2	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	357.5

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.20	55.17	24.4	31	95	67	Calm	Calm	10	3	5.8
2	56.46	54.30	24.9	30.5	97	66	Calm	Calm	5	2	------
3	55.65	53.70	25	29.6	97	78	Calm	W 2	3	9	------
4	57.15	55.78	24.6	31.5	94	73	Calm	W 1	4	4	12.7
5	58.15	55.56	24.9	31.4	97	70	Calm	NE 1	10	2	12.7
6	56.21	54.83	24.8	29.8	98	73	Calm	Calm	3	3	29.2
7	56.42	54.81	24.1	28	97	85	Calm	Calm	4	7	.5
8	56.77	55	23.6	31.5	98	66	Calm	Calm	2	4	15
9	56.68	54.69	24.2	30.6	97	74	Calm	W 1	2	3	2.1
10	56.47	54.48	24.4	30	97	78	Calm	W 1	10	10	2.3
11	56.24	55.86	23.7	25.5	94	94	Calm	Calm	4	10	9.4
12	57.09	55.33	23.4	30.6	97	73	Calm	SW 1	2	4	2.3
13	58.22	56.18	24	29.2	96	78	Calm	Calm	5	3	33
14	58.82	56.35	23.5	28.9	97	76	Calm	Calm	10	6	7.9
15	57.87	55.89	25.5	30.4	93	72	Calm	E 1	8	3	6.1
16	57.10	55.05	25.1	29.7	96	73	Calm	E 1	5	4	2.5
17	56.64	54.72	24.6	30.2	97	73	Calm	Calm	6	2	1.5
18	56.17	55.53	23.2	28.3	97	87	Calm	Calm	5	7	.8
19	57.63	56.08	25	29.6	88	74	Calm	NE 1	8	6	14.2
20	57.17	55.70	26.9	29.1	81	77	Calm	Calm	4	8	2.5
21	55.98	54.80	25.4	29.8	93	65	Calm	Calm	10	2	7.6
22	55.43	53.95	24.2	29.2	98	76	Calm	Calm	9	2	59.2
23	55.62	53.89	24.5	29.3	97	79	Calm	Calm	10	3	1.5
24	55.42	53.50	23.3	30.8	98	69	Calm	Calm	2	2	------
25	55.20	53.22	24.5	28.8	98	79	Calm	Calm	10	5	------
26	54.35	53.49	24.1	29.8	97	77	Calm	Calm	4	5	2.8
27	55.60	53.14	24.1	30.6	97	74	Calm	Calm	5	3	33
28	55.50	54.74	25.5	28.9	98	81	Calm	Calm	9	8	7.4
29	56	54.65	24	29.8	97	76	Calm	NE 1	3	3	6.4
30	56.58	54.66	24.5	30.6	98	73	Calm	NE 1	5	2	41.9
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	56.53	54.84	24.5	29.8	95.8	75.2	0	0.4	5.9	4.5	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	320.3

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	56.77	54.88	24	29.4	96	71	Calm	Calm	10	5	5.8
2	56.49	54.80	22.6	28.4	98	78	Calm	Calm	9	9	1.3
3	56.17	54.73	24.6	29.2	97	76	Calm	NE 1	2	10	3.8
4	55.77	55.79	23.6	24.3	98	94	Calm	Calm	3	10	25.2
5	55.33	53.82	23.4	27.1	97	78	Calm	W 1	10	10	------
6	54.36	52.77	26.4	27.5	79	88	W 1	W 2	10	10	2.3
7	54.24	53.03	24.8	29.5	81	68	W 1	W 1	10	8	5.8
8	55.07	54.24	24.4	28.8	85	76	Calm	W 1	8	8	1.3
9	55.96	54.47	23	30	97	74	Calm	W 1	3	3	------
10	56.42	55.70	24	29.1	97	80	Calm	Calm	10	10	4.8
11	55.78	54.45	23	30	97	75	Calm	Calm	2	4	------
12	56.67?	54.70	23.6	30.9	97	75	Calm	Calm	10	3	2
13	56.44	54.57	23.6	30	97	80	Calm	W 1	2	2	------
14	56.42	54.65	23	30.2	96	72	Calm	Calm	2	3	------
15	56.52	54.88	23	29.6	96	72	Calm	Calm	1	2	------
16	56.87	55.12	23.2	29.5	98	76	Calm	Calm	3	7	6.9
17	56.33	54.75	25	30	96	75	Calm	E 1	5	3	32
18	56.87	55.08	23.8	28.6	97	80	Calm	E 1	9	10	10.2
19	56.35	55.86	25.5	27.5	96	84	E 1	Calm	10	10	30.5
20	57.30	56.55	26	29.5	84	76	Calm	E 1	4	3	41.1
21	58.37	56.25	24.5	30	96	71	Calm	E 1	9	4	13.2
22	57.01	55.15	25.3	25.9	97	97	Calm	Calm	10	3	23.4
23	56.44	55.15	25.9	27.6	88	86	Calm	E 2	4	5	.8
24	56.47	55.30	23.6	29.1	95	74	E 1	Calm	4	3	32.8
25	56.50	55.15	25.2	29.2	98	75	Calm	Calm	8	3	18.5
26	57.67	55.93	24.8	30	98	71	Calm	Calm	6	3	7.4
27	55.75	53.93	25.2	29.5	97	71	Calm	Calm	8	3	.8
28	55.40	54.33	24.5	30	96	71	Calm	Calm	2	5	36.1
29	56.23	55.69	24.6	30	97	71	Calm	Calm	10	10	55.9
30	56.69	55.50	22.3	28.7	97	80	Calm	Calm	1	10	5.3
31	57.87	56.50	24.5	28	97	77	Calm	Calm	10	8	11.6
Mean	56.34	54.96	24.2	28.9	94.7	77.2	0.1	0.5	6.3	6	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	378.8

BUTUAN.

[φ=8° 56′ N; λ=125° 32′ E; barometer above sea, 2 meters; gravity correction not applied, —1.88 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.58	59.97	24.2	24	97	95	E 1	N 1	10	10	22.9
2	60.60	59.16	21.5	29	99	66	E 1	N 3	4	7	
3	60.09	58.89	23	27.9	96	72	E 1	NE 1	10	10	63.8
4	61.30	59.98	23.4	26.1	97	91	SW 1	E 1	10	10	4.1
5	61.53	59.32	23.6	28.9	93	77	SE 1	S 3	6	7	1.3
6	61.28	59.71	24.4	28.1	92	84	S 1	S 3	4	4	3.6
7	60.33	59.71	22	27.4	96	78	Calm	N 3	10	7	
8	60.79	59.03	22.7	29	95	68	ESE 1	NNW 3	3	4	
9	61.08	59	23.6	28.6	97	80	SSE 1	W 1	7	8	.5
10	61.52	59.71	24	29.6	88	71	SE 2	S 3	1	3	
11	62	60.93	24.1	28.4	87	72	S 3	NNE 1	9	7	2.5
12	62.11	60.26	20.9	27.8	97	55	Calm	NNW 3	10	2	
13	62.33	61.23	22.5	26	92	82	E 1	NNW 1	8	5	11.7
14	62.13	61.22	23.6	24.8	95	94	SSE 1	NNW 1	10	8	19.3
15	61.64	60.21	23	26.6	91	73	E 1	NNW 1	9	10	28
16	62.41	61.28	22.5	25.6	97	91	Calm	WNW 1	8	9	20.6
17	62.63	60.78	22.6	28.8	97	73	Calm	S 3	9	7	
18	62.75	61.05	23	28.7	90	65	S 3	E 2	2	6	2
19	62.02	59.86	22.7	29.1	95	64	S 1	NNW 2	7	3	
20	61.55	58.84	19.5	28.1	95	65	Calm	NNW 3	4	4	
21	61.14	60.25	23	24.3	94	94	NNE 1	WNW 1	6	10	50.3
22	61.88	60.27	23.6	26.5	97	85	S 1	SE 1	8	10	.8
23	61.88	59.71	21.1	28.7	99	66	ESE 1	S 2	6	4	
24	61.84	59.17	20.6	28.5	94	60	ESE 1	S 3	2	3	
25	62.43	60.98	21.5	28	97	68	S 3	N 3	1	3	
26	62.43	60.18	20.1	28.6	91	61	ESE 1	NNW 2	0	6	
27	61.79	60.18	20.4	27.5	97	68	SE 1	WSW 1	1	8	
28	60.88	59.12	21	28.5	95	62	E 1	NNW 3	2	4	
29	61.73	60.39	21.4	28.4	92	61	Calm	NNW 2	4	2	
30	61.40	60.01	19.6	28.4	94	61	E 1	NNW 2	1	4	.3
31	61.97	60.61	21.6	28	95	79	Calm	E 1	6	3	4.8
Mean	61.61	60.03	22.3	27.7	94.5	73.6	1	2	5.7	6.1	
Total											236.5

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	62.09	60.72	22.4	28	94	63	E 1	N 2	1	9	0.3
2	62.11	60.13	21.9	29.6	96	59	S 1	NNW 3	4	3	
3	60.54	59.57	20.9	27.1	93	68	SE 1	E 2	3	10	
4	61.01	58.92	21.2	29.6	95	58	E 1	S 3	0	3	
5	61.30	59.88	21.7	28	90	60	SSE 2	NNW 3	1	9	.3
6	61.21	59.28	21.1	28.6	95	64	E 1	SSW 2	4	5	
7	61.01	59.52	22.2	29.1	89	60	S 2	NNW 2	3	4	2
8	62.15	59.86	21.5	28.5	91	58	SE 1	W 2	2	2	
9	61.85	60.08	19.6	28.6	94	57	E 1	NNW 3	1	3	
10	60.85	59.87	20.1	28	91	63	W 1	E 2	9	6	
11	59.81	58.12	20.5	30.5	88	43	S 3	ESE 4	1	3	
12	60.01	58.59	22.6	28.2	87	68	SSE 2	NNW 3	9	9	
13	60.40	59.57	22.2	28.8	90	66	ESE 1	W 1	2	7	
14	60.28	59.80	22.4	29.8	96	56	S 3	E 3	3	9	
15	62.15	60.50	22.9	30.5	89	56	SSE 2	N 2	5	3	
16	62.30	60.47	19.8	27.5	90	66	Calm	NE 2	7	7	
17	62.12	59.93	18.2	29.4	98	51	Calm	NNW 3	10	4	
18	61.35	59.96	21	30	88	56	SE 2	NNW 3	2	3	
19	62.64	60.67	19.6	28.5	92	64	ESE 1	WNW 3	0	2	
20	62.24	59.96	23	29.6	87	55	SE 2	NNW 3	9	3	
21	62.44	60.16	21.2	29.1	94	60	E 1	NNW 4	7	4	
22	62.35	60	21.6	30.3	90	53	SSE 2	N 3	1	3	
23	62.29	60.33	20.9	30.3	92	46	Calm	NNW 3	4	4	
24	62.49	60.08	20.6	29.4	94	56	E 1	N 3	2	6	
25	62.63	60.42	22.4	28.2	84	66	ESE 1	W 2	7	4	
26	61.89	60.78	23.5	27.5	88	70	SSE 2	NNW 1	6	9	
27	61.40	59.53	20.1	30.1	100	56	ESE 2	N 4	5	8	
28	61.53	60.03	21.8	27.6	95	69	E 1	N 3	10	9	1.1
29											
30											
31											
Mean	61.59	59.88	21.3	28.9	91.8	59.5	1.4	2.6	4.2	5.4	
Total											3.7

MARCH.[a]

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.54	60.08	23	28.5	91	64	S 2	E 2	5	9	2
2	62.54	61.03	22.5	28.6	92	69	E 1	S 2	8	7	
3	62.58	61.47	23.4	26.6	87	84	S 2	NW 1	6	8	3.1
4	63.18	61.82	23.9	29.8	89	50	S 3	E 1	9	7	
5	63.49	61.12	21	29.8	91	56	Calm	N 4	3	5	
6	62.53	61.04	22.1	26.5	90	87	SE 1	S 2	4	10	2
7	61.87	60.63	24.5	27.6	91	84	S 2	W 1	7	6	4.3
8	62.13	61.03	22.8	30.6	97	58	E 1	ESE 3	2	3	
9	62.89	60.96	23	30.6	91	51	S 2	S 4	4	4	
10	62.79	61.20	23.1	31.1	87	56	S 2	S 2	1	5	
11	63.29	60.55	23	30.4	88	57	ESE 1	WSW 1	6	3	
12	61.52	59.63	22.5	29.8	88	61	S 3	S 3	3	5	
13	61.34	60.20	22.7	32.1	90	50	SE 1	NNW 4	2	5	
14	62.20	59.97	23.5	31.5	87	51	SE 1	NNW 4	1	3	
15	62.51	59.97	21	31.5	87	42	ESE 1	NNW 3	0	2	
16	61.73	59.72	22.8	30.1	84	62	SSE 3	SSE 5	2	6	
17	61.63	59.89	23.2	31.6	86	47	SSE 3	NNW 3	2	4	
18	62.13	60.93	22.6	31	86	56	SSE 2	NNW 4	0	4	
19	63	61.45	22.9	29.1	88	60	SSE 2	WNW 2	4	8	
20	63.04	60.86	24.1	30.6	95	59	ENE 1	NNW 4	10	3	.5
21	61.81	60.13	21	30.6	95	56	Calm	NNW 4	9	3	
22	61.35	59.37	24.3	31.5	89	46	E 1	SSW 3	3	6	
23	61.88	59.35	23.1	33.4	86	48	E 1	NNW 3	2	3	
24	62.95	60.46	24	31.1	86	59	SSE 2	NNW 4	3	8	1.8
25	62.30	60.16	23.9	29	91	68	E 1	NNW 3	2	7	
26											
27											
28											
29											
30											
31											
Mean	62.33	60.52	23	30.1	89.3	59.2	1.6	2.9	3.9	5.4	
Total											13.7

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Mean											
Total											

The barometric readings of this station seem to be too high by about 0.50 mm.
This station was temporarily closed from March 25 to May 7.

[a] 25 days of observation.

BUTUAN.

[ϕ=8° 56′ N; λ=125° 32′ E; barometer above sea, 2 meters; gravity correction not applied, −1.88 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	----	----	----	----	----	----	----	----	----	----	----	58.11	57.34	25.6	32.2	88	53	S 2	NNE 2	0	9	0.8
2	----	----	----	----	----	----	----	----	----	----	----	59.69	57.69	26.1	31.5	86	63	E 1	NNE 1	8	7	.3
3	----	----	----	----	----	----	----	----	----	----	----	59.95	58.17	25.5	27.5	89	88	S 1	ENE 1	3	9	8.6
4	----	----	----	----	----	----	----	----	----	----	----	59.92	57.22	24	31.9	92	60	S 3	S 2	3	7	----
5	----	----	----	----	----	----	----	----	----	----	----	58.84	57	25.1	30.1	91	68	S 3	N 2	3	7	4.6
6	----	----	----	----	----	----	----	----	----	----	----	58.77	58.27	23.9	26.4	91	80	SSW 1	ESE 3	3	10	17.8
7	----	----	----	----	----	----	----	----	----	----	46.7?	59.43	56.99	24.6	31.1	92	69	S 2	S 1	3	9	----
8	58.05	57.10	24.4	27.6	93	80	S 1	E 2	10	8	1.3	58.10	56.57	24.1	26.7	96	88	SE 1	S 2	3	9	1.3
9	57.85	57.06	24.6	29.3	92	79	ESE 1	N 3	6	8	14.2	57.32	56.21	23	26	97	91	Calm	W 2	2	10	12.9
10	58.50	56.34	25.1	28.7	91	81	S 2	SSE 1	10	10	----	56.91	56.01	24	32.4	97	60	S 1	N 3	3	7	----
11	58.38	57.52	24.7	27.7	95	77	E 1	N 1	3	7	----	57.92	56.31	24.7	31.6	96	71	S 1	ENE 2	5	8	----
12	58.93	58.31	24.9	27.6	93	91	SE 1	SSW 1	7	10	8.6	58.10	56.67	25.2	32	94	67	S 2	N 3	7	9	2.3
13	59.09	57.21	24.6	29.6	96	75	ESE 1	NW 1	6	8	1.5	57.81	57.43	24.8	24.4	95	98	S 4	WSW 1	8	10	34.1
14	59.62	57.70	26.1	29.5	92	80	S 2	NNW 1	4	9	1.3	57.61	56.15	24	32.5	97	66	ESE 1	S 3	9	5	----
15	59.59	57.91	26.1	29.6	93	74	ENE 1	N 1	8	9	8.1	58.03	56.57	25.5	30.8	93	76	S 3	S 2	8	5	8.6
16	58.89	56.41	25.5	31.5	91	63	S 3	S 2	3	7	----	58.23	58.16	25.1	28	96	85	SE 3	S 3	10	10	3.3
17	59.01	57.64	25.9	28.5	88	83	SE 2	E 1	5	8	1	59.24	56.55	24.8	33.2	93	----	SE 2	S 3	6	6	3
18	60.50	58.41	25.4	32.4	90	60	SSE 3	S 3	3	4	----	57.59	56.82	24.9	27.1	96	94	S 2	S 2	7	9	16.2
19	61.11	58.16	25.6	32.5	88	58	SE 1	N 3	3	3	----	57.78	56.12	25	27.6	96	91	ESE 1	ENE 1	10	9	10.1
20	60.39	57.21	25.6	32.2	90	57	ESE 1	N 3	2	2	1.3	57.64	56.03	25.1	26.9	97	89	S 1	S 4	10	8	9.4
21	59.69	56.73	26.1	31.4	91	54	SSE 2	NNE 2	8	8	.8	58.29	56.79	24.1	27.6	97	85	S 1	SSW 1	10	10	22.6
22	58.75	58.12	25.5	28.1	95	77	NW 1	S 1	7	10	.3	58.42	57.20	23.9	26.2	97	94	Calm	NNW 1	10	10	8.7
23	59.37	58.08	24.7	31	93	65	SE 1	NNW 3	8	9	----	58.15	56.48	24.4	26	97	94	NW 1	NE 1	9	10	12.7
24	60.05	57.88	24.4	32.3	88	63	S 3	N 3	8	8	.8	57.84	56.84	23.9	26.6	97	92	E 1	N 2	10	10	2
25	60.38	58.42	25	29	92	78	S 3	E 2	3	7	----	58.12	56.70	23.7	30.5	98	73	Calm	NNW 3	9	8	24.4
26	60.58	57.97	24.9	30.6	92	65	E 2	NNW 3	2	7	.8	58.92	57.14	24	31.4	97	68	S 2	NNW 3	9	6	.8
27	60.38	57.76	25.5	34.9	88	53	ESE 1	S 3	2	3	----	58.84	58.17	24.1	29	99	79	W 1	E 1	9	10	3.3
28	60.26	58.46	26.5	31.4	87	67	ESE 1	NNW 2	3	6	23.4	59.70	58.50	24.2	30.1	98	71	Calm	N 3	10	8	1
29	59.98	57.19	25.8	32.6	90	65	S 1	ENE 1	3	8	----	60	58.17	23.9	31.5	97	73	S 2	E 1	9	8	----
30	59.19	56.34	25.1	32	92	58	E 1	SSE 2	2	3	----	59.92	58.85	23.7	28.6	98	80	SSW 2	ENE 2	4	10	----
31	57.95	56.02	26	33.2	85	58	SSE 3	NNW 3	2	3	----	----	----	----	----	----	----	----	----	----	----	----
Mean	59.44	57.50	25.3	30.6	91	69.2	1.6	2	4.9	6.9	----	58.51	57.10	24.5	29.2	94.9	78.1	1.5	2	6.7	8.4	----
Total	----	----	----	----	----	----	----	----	----	----	110.1?[a]	----	----	----	----	----	----	----	----	----	----	208.8

Day.	JULY.											AUGUST.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.29	58.72	23.6	29.4	98	79	NE 1	NE 2	2	9	0.8	57.66	56.07	24.1	33.5	97	57	S 1	N 3	7	7	----
2	58.92	55.80	24	34.5	97	52	WSW 1	S 1	7	7	----	58.35	56.40	25	33.9	96	59	E 1	NNW 3	5	3	----
3	58.25	55.85	23.5	34.7	98	60	E 1	S 2	1	7	4.8	58.71	56.68	24.6	33.1	92	60	S 2	N 3	7	4	----
4	59.16	57.07	24.2	33.4	98	62	S 2	NNW 3	8	3	----	57.94	56.38	23.5	33.3	95	56	S 3	NNW 3	2	3	----
5	59.19	58.53	24.5	30	97	78	S 1	NNW 1	6	10	----	58.49	57.41	24	32	91	63	S 3	S 2	9	7	0.3
6	59.21	58.61	24.9	27.8	97	91	ESE 1	S 2	8	10	7.4	58.71	57.89	23.5	30.2	92	68	S 2	W 2	8	9	2.5
7	59.09	58.32	24	29.7	97	78	SE 2	S 3	10	8	----	59.32	57.74	23.6	33	96	61	S 2	N 4	4	4	.3
8	60.57	58.66	23.9	31.5	97	71	ESE 2	SSW 1	3	8	10.7	58.95	56.60	23.6	33.3	97	52	S 3	NNW 4	6	1	----
9	60.58	59.87	23.9	25.2	97	94	E 1	SSE 2	3	9	9.7	57.93	56.38	25	33	92	59	SSE 2	N 3	7	7	----
10	59.89	58.16	24.4	30.5	97	81	S 2	N 2	7	8	9.4	58.66	57.25	25.1	31.6	95	62	ESE 1	NNW 3	10	7	5.1
11	59.30	58.28	24.6	29.4	95	81	S 3	NW 1	9	8	.3	60.04	57.79	23.9	33	97	56	S 1	WNW 2	9	10	----
12	59.35	58.25	23.5	26.5	96	88	S 3	N 1	10	10	3.3	59.71	57.47	24.4	33.5	94	52	S 1	NNW 4	8	4	----
13	58.42	56.46	23.1	31.7	97	62	ESE 1	NNW 3	7	4	.5	58.90	56.58	23.3	32.7	93	61	S 3	NNW 3	3	6	----
14	57.80	56.31	23.1	30	98	71	S 3	ENE 1	7	8	34.5	58.50	57.24	23.8	33.7	97	55	S 3	N 4	6	5	----
15	57.69	56.59	24.1	27.2	98	89	SSE 1	S 2	4	10	2.3	58.37	57.51	24.1	32.6	91	60	ESE 2	NNW 3	9	7	.5
16	58.32	57.11	23	30.9	97	70	E 1	ESE 2	6	10	1.3	59.82	57.49	23.6	30	96	65	Calm	NNW 3	8	9	.5
17	57.69	56.18	23.6	29.6	99	79	SE 1	NE 1	7	7	.5	58.21	55.89	23.9	31.3	96	65	NE 1	NNW 3	8	7	----
18	57.32	55.42	23.7	30.8	98	73	SSE 2	E 2	3	7	37.6	56.56	55.11	24.5	31.5	92	66	SSE 2	NNW 4	8	8	6.1
19	56.91	54.88	23.6	33.1	98	66	S 3	S 3	3	4	.5	56.35	55.07	24	31.8	95	60	SSE 1	S 2	3	7	16.3
20	56.83	55.50	24.9	32.1	95	69	SSE 3	N 3	2	5	11.2	56.96	55.95	23.6	32.1	97	72	S 2	W 2	9	7	----
21	57.83	56.85	24.1	32.2	98	66	SE 1	N 4	10	6	----	57.42	56.06	24.2	33.5	97	59	S 2	NNW 4	3	5	----
22	59.55	58.44	22.7	30.3	98	74	S 1	N 3	6	10	.3	58.29	56.75	23.9	33.1	97	64	SSW 2	NNW 4	7	8	----
23	59.64	57.92	24	31.1	99	68	S 3	N 4	7	10	----	57.64	56.39	24.2	32.7	96	65	S 3	WNW 4	7	5	----
24	57.67	55.84	24.1	32.2	97	64	S 2	N 4	7	8	----	58.56	56.61	25.1	33.5	95	58	S 2	S 3	8	7	.3
25	56.88	56.13	24.2	30.6	97	68	SE 1	NE 2	10	10	1	59.24	57.71	23.6	31	97	70	SSE 2	NNW 2	9	10	2.3
26	57.03	55.15	24.2	33.9	98	52	S 2	NNE 2	7	8	.5	60.20	57.89	23.9	31.7	97	67	SSE 1	NNW 3	10	8	25.1
27	56.81	55.75	24.1	33	96	65	S 1	N 3	10	9	5.8	60.88	58.99	22.2	30.1	99	75	Calm	NNW 2	3	7	----
28	56.15	53.90	24.4	30.5	91	72	NNW 2	NNE 2	10	9	.5	60.44	58.48	24	33.3	97	68	S 2	NNE 3	3	4	----
29	54.14	53.33	24.7	32.2	94	68	SE 1	NNW 1	10	10	----	60.02	57.85	24	33	98	57	ENE 1	NNW 3	7	3	----
30	55.06	55.33	24.5	29.1	92	80	S 1	S 2	9	10	----	59.76	57.74	24.5	33.1	96	58	SE 1	NNW 4	9	7	----
31	57.05	55.51	23.7	34.2	92	53	S 2	NE 1	10	6	----	58.61	57.12	24.1	30.5	97	69	ESE 1	NNW 3	6	8	----
Mean	58.15	56.73	24	30.9	96.6	71.7	1.7	2.1	6.7	8	----	58.68	56.98	24	32.4	95.4	61.9	1.7	3.1	6.7	6.3	----
Total	----	----	----	----	----	----	----	----	----	----	142.9	----	----	----	----	----	----	----	----	----	----	59.3

[a] 25 days of observation.

BUTUAN.

[ϕ=8° 56′ N; λ=125° 32′ E; barometer above sea, 2 meters; gravity correction not applied, −1.88 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.74	57.10	23.6	32.9	97	54	S 1	NNW 5	3	6	------	59.80	57.50	23.4	30.4	97	72	ESE 1	NNW 4	9	9	0.8
2	58.57	56.76	24	30.6	97	68	S 2	N 3	9	6	------	58.06	55.59	24.6	28.9	99	83	S 1	NNW 3	9	10	55.3
3	58.23	56.11	24.5	32	96	63	SSE 1	NNW 3	7	9	0.8	57.27	54.95	24.2	29.7	98	73	Calm	N 4	10	10	11.4
4	57.41	56.10	24.2	32.4	94	60	SSE 1	NNW 4	9	7	1.3	57.05	55.16	23	31.7	96	64	S 2	NNW 5	10	4	------
5	57.05	55.48	24.1	33.4	96	57	S 2	N 4	8	4	------	57.09	54.85	23.3	30.7	97	68	SSW 1	N 4	5	4	.3
6	56.50	54.99	25.2	32.9	94	58	S 2	W 1	6	7	------	56.66	54.78	25	27.9	96	79	SW 1	S 1	10	9	8.3
7	56.09	54.33	24.1	33.7	96	54	S 1	NW 4	10	9	------	55.99	55	24	29.5	96	71	E 1	NNW 1	9	10	17.8
8	56.43	54.39	24.6	33.6	95	52	SSE 3	N 4	9	10	------	57.11	55.97	23.6	28.8	97	73	Calm	N 3	10	10	.3
9	56.50	55.42	24.5	34.5	93	50	S 3	NNW 4	7	6	3.6	57.59	55.77	24	31	96	76	S 2	S 2	10	9	------
10	56.93	55.95	24	34.3	96	55	ESE 1	NNW 4	9	9	------	58.70	56.75	23.5	29.6	96	81	SSE 2	ESE 1	8	9	------
11	56.74	55.59	24.3	34.2	96	52	S 1	NNW 5	9	9	------	60.20	58.24	23.3	31.4	95	64	ESE 1	N 3	5	8	1.5
12	56.91	55.59	24.5	33.5	92	58	SE 1	N 5	7	9	------	59.97	58.68	24	26.4	96	93	Calm	SSW 1	10	10	4.1
13	57.80	56.73	25.5	29.3	96	74	WNW 1	SW 1	10	10	------	58.61	56.25	23.2	31.4	99	68	SSW 1	NNW 3	10	8	10.9
14	58.31	57.54	23.7	26.5	97	92	E 1	E 1	5	10	4	58.35	56.08	22.8	32	97	67	S 3	S 2	3	7	14.5
15	59.02	56.41	23.9	34	97	63	ENE 1	S 3	10	9	.8	58.64	56.47	24	32.6	97	68	S 2	S 2	10	6	8.4
16	59.44	58.98	23	25.5	98	93	Calm	NW 1	8	10	14.4	59.73	56.69	23.5	33.4	97	63	ESE 1	ESE 1	4	6	.3
17	58.82	57.22	23.2	28.1	98	88	S 1	NE 1	7	10	2.5	58.75	56.59	23	33.5	96	61	SSE 1	NNW 3	2	6	------
18	58.54	56.92	24.5	27.1	99	85	SSE 1	WNW 1	8	8	3.8	58.45	56.59	24.1	27.5	96	85	E 1	WNW 2	3	10	25.9
19	58.86	56.15	23.7	30.4	98	80	SE 2	N 1	9	8	.8	58.19	55.77	24	31.5	97	67	ENE 1	NNW 3	7	5	11.7
20	58.92	56.65	24	30.3	97	80	S 2	NNE 2	6	9	4.3	58.59	56.05	23.8	29.9	97	80	Calm	N 1	6	8	.3
21	59.14	57.08	24.8	28.4	94	86	S 2	E 1	3	8	18.8	58.07	56.81	23.9	24.6	97	96	Calm	WNW 1	7	10	75.1
22	58.18	56.78	24.4	28.5	97	83	E 1	E 2	10	9	------	56.15	53.68	24	29.7	97	77	NNE 1	NW 3	10	10	.5
23	58.64	56.26	23.8	31	98	71	SSE 1	N 2	7	7	------	55.21	53.31	24.2	32.9	98	71	S 3	S 3	10	7	.1
24	58.54	56.76	24	33.2	97	60	S 2	NNW 3	5	5	5.1	56	54.17	24.5	30.5	96	75	S 2	SSE 1	7	10	10.2
25	59.35	57.25	23.2	33.1	98	61	S 3	NW 3	10	4	10.7	56.59	53.50	24.6	32	95	64	S 2	NNW 3	10	5	------
26	60.24	58.19	23.6	31	99	69	SSW 1	N 4	9	8	------	56.33	55.09	24.1	32.6	97	63	S 2	NNW 6	1	5	------
27	59.47	58.69	23.7	25.5	98	93	SE 1	SW 1	4	9	10.7	57.04	55.53	23.5	33.5	96	62	SSW 1	NNW 5	7	9	------
28	59.68	57.33	23.6	32.6	99	70	E 1	W 1	9	6	17.3	57.29	54.94	23.9	32.1	95	66	S 1	N 2	10	10	------
29	59.30	57.58	23.3	25.2	97	92	SE 1	ENE 1	8	10	11	56.88	56.35	24.6	31.6	95	73	SSW 1	N 3	7	8	------
30	59.31	57.77	22.6	30.1	98	77	Calm	W 1	2	9	.8	58.59	56.36	24.5	33	96	70	SSE 1	S 2	8	6	------
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------	58.91	56.55	24.6	29.3	97	79	S 1	NE 1	5	10	.5
Mean	58.26	56.60	24	30.9	96.6	69.9	1.4	2.5	7.4	8	------	57.80	55.81	23.9	30.6	96.6	72.6	1.2	2.5	7.5	8	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	110.7	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	253.2

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.49	57.20	24.7	27.1	98	91	Calm	SE 1	8	7	3.3	58.61	57.02	23.4	25.9	97	93	S 1	SSE 1	10	9	27.4
2	58.35	55.51	24.6	30.4	99	69	Calm	NNW 3	7	10	2.5	58.50	55.98	23.6	31.1	99	69	SE 1	NNW 2	10	6	1
3	55.50	55.02	24.1	33.4	97	62	S 1	SE 2	10	7	9.9	57.45	56.33	24	27.2	97	88	ENE 1	W 2	10	10	9.4
4	59.38	57.50	23.7	30.5	98	71	S 1	NNW 1	5	8	.3	56.95	56.49	23.7	24.5	99	94	SW 1	WNW 2	10	10	56.8
5	59.53	56.76	23	32.2	97	65	E 1	NNW 3	1	2	------	57.11	53.96	21.1	22.8	98	93	NNW 1	SSE 1	10	10	16.6
6	58.52	56.54	23.6	29.5	97	78	S 1	E 2	2	7	9.7	54.26	52.93	26.4	30	77	65	NW 3	NW 3	10	10	------
7	58.10	56.30	22.9	32.1	97	66	ENE 1	NNW 3	2	3	------	55.76	54.56	22.6	29.6	98	77	E 1	SW 2	8	9	------
8	58.64	56.50	23.5	32.2	97	66	Calm	NNE 3	3	7	------	57.15	55.26	23.4	32.3	97	61	ENE 1	NNW 3	5	3	2.3
9	58.43	55.69	25.1	33	96	60	ENE 1	NNW 3	8	7	43.4	57.52	56	23.6	30.1	98	74	Calm	NNW 3	9	8	------
10	58.12	56.67	22.6	28.5	99	82	ESE 2	S 2	10	10	------	57.97	56.32	24	27.8	98	80	Calm	N 3	10	10	.3
11	58.80	56.91	25	31	96	72	S 2	S 2	9	7	------	57.75	56.21	22.7	31.7	98	65	S 1	NNW 2	5	5	------
12	59.27	57.51	23.1	26.5	97	88	ESE 1	NE 1	3	9	1.5	58.60	55.82	24.5	32.7	97	62	SSW 1	NNW 3	5	4	------
13	60.18	57.77	23.3	30.2	97	73	E 1	NNE 1	9	9	18.3	58.25	56	24.1	30	95	71	WNW 1	NNW 3	7	9	------
14	60.55	58.55	23.6	28.1	99	79	SE 2	E 1	9	9	3.6	58.14	56.26	23.8	31.8	98	64	S 1	N 3	10	8	------
15	60.10	57.82	23	30	97	71	SE 1	NNW 3	2	7	2.3	58.24	56.56	23.5	30.7	99	70	S 1	NNW 3	2	7	------
16	59.27	56.95	22.1	28.6	98	78	ENE 1	SW 1	4	5	------	58.80	57.28	25	30.5	96	72	ESE 1	N 3	10	9	2.3
17	58.76	56.41	23.3	80.2	97	74	N 1	WNW 1	7	8	4.3	58.46	56.50	24.1	33.1	97	63	SE 1	NE 1	8	6	8.1
18	59.38	57.90	23.9	29.4	96	76	SE 1	NW 3	9	10	------	58.86	57.85	23.2	24.1	98	97	ESE 1	Calm	7	10	9.7
19	60.28	58.58	24.2	27.5	97	84	SE 1	ENE 1	9	10	.8	59.07	58.45	22.4	26.5	98	88	SSE 1	E 1	9	10	2.1
20	59.55	57.27	22.6	31.1	99	67	Calm	N 2	7	9	1.3	59.54	58.51	22.6	29.6	99	77	ENE 1	N 2	7	9	------
21	58.47	56.40	23.7	31.6	99	66	ENE 1	NNW 3	9	7	.5	60.14	57.96	23.1	31.5	99	69	Calm	NW 3	7	7	------
22	57.24	56.63	23.6	24.5	97	98	SW 1	Calm	7	10	39.6	58.47	57.21	23.6	27.7	99	88	ENE 1	NW 1	9	10	1.3
23	57.61	55.11	22.7	31.5	98	66	E 1	NNW 3	7	5	------	58.30	57.44	23	25	99	95	Calm	Calm	7	10	34.6
24	57.52	55.58	24	29	97	81	ENE 1	WNW 2	6	7	------	58.83	57.66	21.1	26.6	99	83	ENE 1	NE 1	4	10	8.9
25	57.06	55.16	25	32	96	67	ESE 2	SSE 3	7	7	------	58.16	56.78	21.8	28.6	99	83	Calm	NW 2	6	9	6.1
26	56.18	54.25	24.5	33.6	97	62	SSE 3	NE 2	9	7	10.2	58.23	56.62	24.2	28.7	98	80	Calm	NNW 3	7	9	4.4
27	57.29	55.27	24.4	29.6	97	77	ESE 1	NNW 2	5	7	------	57.80	55.19	24	31.4	99	75	Calm	NNE 1	3	7	5.8
28	57.61	56.34	24.4	26.9	97	90	ESE 1	SE 2	7	10	.3	57.22	54.92	24.1	33	99	64	S 2	S 1	3	5	------
29	58.05	56.35	23.9	31.2	97	71	ENE 1	N 3	9	5	------	57.64	55.71	23.5	32.4	97	63	SSE 1	ENE 2	1	7	------
30	58.55	56.76	23.5	26.3	99	93	Calm	SE 1	10	9	4.3	58.44	57.14	24.1	27.1	95	87	ESE 1	N 1	9	10	2.3
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------	58.40	56.92	24.5	24.5	96	92	NW 1	N 1	10	10	51.8
Mean	58.53	56.57	23.7	29.9	97.4	74.8	1	2	6.7	7.5	------	58.02	56.38	23.5	29	97.2	77.5	0.9	1.9	7.4	8.3	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	156.1	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	251.2

DUMAGUETE.

[$\phi = 9°\ 18'$ N; $\lambda = 123°\ 19'$ E; barometer above sea, 7.7 meters; gravity correction not applied, —1.87 mm.]

Day.	JANUARY.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.33	59.08	25.1	28	84	70	W 1	NNW 2	7	10	------
2	60.18	59.28	26.8	28.4	83	79	NNE 3	NNE 3	4	7	------
3	59.82	59.30	26	28	77	77	N 2	NNE 3	7	10	1.3
4	60.62	59.96	25.9	28	85	77	NNE 4	N 3	10	10	------
5	61.08	59.62	26.5	28.5	83	77	NNE 2	NEbyN 2	4	5	------
6	60.78	59.65	25.5	28	92	83	Calm	ENE 2	8	3	------
7	60.23	59.40	24	27.4	87	74	W 1	NEbyE 2	4	2	------
8	60.38	59.11	24.3	28	86	77	W 1	E 2	4	2	3.3
9	60.30	58.81	25.3	30.3	89	63	WNW 1	NE 2	7	5	------
10	60.77	59.86	26.5	30.5	80	60	NNE 2	NNE 2	6	3	------
11	61.60	60.92	26.4	28.8	82	72	NNE 2	NbyE 3	9	5	------
12	61.22	60.20	26.1	29.5	79	51	NE 3	NNE 3	4	2	------
13	62.11	61.22	22.9	29.5	78	66	WNW 1	N 3	2	7	------
14	61.75	60.95	25.3	26.9	81	75	N 2	NNE 4	9	10	35.6
15	61.37	61.02	24	24.7	96	87	NNE 3	NEbyN 5	10	10	12.2
16	61.94	61.37	25.4	26.9	73	79	NNW 2	NbyE 2	8	8	15.5
17	62.87	61.44	23.3	25	96	88	NW 2	NNE 5	10	10	8.6
18	62.58	61.73	25	26.6	85	78	NNE 2	NNE 2	7	9	------
19	61.42	60.33	24.3	27	85	81	NNW 2	ENE 2	5	5	------
20	60.97	59.10	23.3	28.1	80	74	W 1	NE 2	4	3	4.1
21	60.52	59.87	24.8	28.2	93	77	W 1	NNE 2	8	4	------
22	61.07	60.17	26.4	27.4	84	80	NNE 2	NEbyE 2	4	5	------
23	61.25	60.17	26	27	78	72	NEbyN 3	NE 2	4	2	------
24	61.01	59.97	21.8	26.9	80	75	WNW 1	NE 2	4	3	------
25	61.72	60.87	23	27	83	70	WNW 1	NE 2	1	1	------
26	61.93	60.53	22.1	27.7	76	56	W 1	NEbyN 1	1	1	------
27	61.22	59.93	26	27.9	84	72	NE 3	NE 2	7	1	------
28	60.29	59.55	22.5	27.7	84	69	NW 1	NE 1	3	2	------
29	60.71	60.68	25.9	27.4	85	72	NNE 3	ENE 3	4	4	------
30	61.07	60.22	24.8	26.8	77	78	NNW 1	NE 2	7	3	------
31	61.46	60.72	25.1	27.4	88	76	E 3	NE 2	7	8	------
Mean	61.12	60.16	24.8	27.7	83.6	73.7	1.8	2.4	5.8	5.2	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	80.6

Day.	FEBRUARY.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	61.93	60.77	26.5	28.2	80	71	NNE 3	NEbyN 2	8	4	------
2	61.76	60.31	23.6	27.4	84	71	WNW 1	ENE 2	1	1	------
3	60.19	59.50	22.5	28.5	78	71	WSW 1	NNE 2	4	4	------
4	60.56	59.31	22.7	26.6	83	77	W 1	ENE 2	2	1	------
5	60.83	59.85	23.2	27.5	82	70	NW 2	ENE 1	4	1	------
6	60.72	59.63	23.8	27.8	83	74	Calm	EbyN 2	6	4	------
7	60.43	59.90	24.2	27.4	82	71	N 1	NE 2	4	6	------
8	61.60	60.16	25	27.4	70	66	NNW 2	NNE 2	7	2	------
9	61.66	60.55	22.2	27	75	74	WSW 1	NEbyE 3	6	4	------
10	60.49	59.56	25	26.7	70	77	NNE 3	NNE 3	6	7	------
11	59.27	58.63	25.5	27.4	76	72	NNE 4	ENE 2	4	1	------
12	59.45	58.93	23	27.6	79	71	W 1	NEbyE 1	5	5	------
13	59.61	59.05	26.4	27.7	82	72	NNE 3	NE 4	8	5	------
14	59.68	59.70	26	28.3	69	69	NNE 2	NE 3	7	6	------
15	61.47	60.75	26	27.4	84	74	NNE 3	NEbyN 3	6	4	------
16	61.57	60.25	26	27.7	73	68	NNE 4	NE 4	8	4	------
17	61.46	60.42	25.5	27.2	76	67	NE 2	NEbyE 3	4	4	------
18	60.83	60.47	25.5	27.2	74	70	NE 2	NE 2	1	4	------
19	62.13	61.01	24	26.8	76	69	NWbyN 1	NE 2	5	1	------
20	61.59	60.38	22.5	27.2	82	68	WSW 1	EbyN 2	4	1	------
21	61.81	60.51	25.2	26.8	83	72	NNE 1	NE 2	5	5	------
22	61.83	60.57	25	28	71	62	NbyW 2	ENE 1	4	1	------
23	61.79	60.76	22.6	27.4	71	68	W 1	NE 2	2	4	------
24	61.83	60.31	23.4	27.7	69	63	WNW 1	NE 3	4	7	------
25	61.97	60.80	24.4	27.4	80	76	NW 1	NE 2	2	5	------
26	61.22	60.67	23	27.4	79	74	WNW 1	NEbyN 1	5	4	------
27	60.84	59.71	23	27.4	79	74	W 1	E 1	4	6	------
28	60.89	60.13	24.4	26.6	88	82	WSW 1	WbyN 2	8	10	------
29	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	61.05	60.09	24.3	27.4	77.8	71.2	1.7	2.2	4.8	4	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	0

Day.	MARCH.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.83	60.27	25.4	27.3	80	76	WNW 1	NEbyE 2	9	9	------
2	62.27	61.45	24.2	27.7	85	70	ENE 6	E 2	10	1	------
3	62.02	61.21	24	28.2	78	70	Calm	NNE 2	7	7	------
4	62.60	62.09	25	29	77	65	NNW 1	NNE 1	4	1	------
5	62.80	61.47	23.7	27.4	80	74	Calm	ENE 1	1	1	------
6	62.08	60.47	23.4	28	72	69	NW 1	EbyN 1	4	4	------
7	61.47	60.76	26.5	27.4	82	76	NE 2	E 1	9	7	------
8	61.52	61.56	26.5	27.6	76	77	NNE 2	NEbyE 2	4	4	------
9	62.33	61.43	26	27.6	72	69	N 2	NE 2	4	1	------
10	62.17	61.66	25.3	27.5	80	75	NW 1	NEbyN 1	6	2	------
11	62.53	60.92	23.8	27.4	82	74	WNW 1	ENE 1	4	1	------
12	60.67	59.76	24	28.4	74	66	WSW 1	NE 1	6	2	------
13	60.63	60.57	22.8	27.6	81	76	W 1	ENE 2	3	3	------
14	61.29	60.52	22.3	27	83	81	WSW 1	NE 2	1	1	------
15	61.57	61.47	23.4	27.8	77	73	WNW 1	ENE 2	1	1	------
16	61.27	60.06	26	27.4	•69	70	NNE 2	NEbyE 1	1	2	------
17	60.85	60.08	26	26.9	78	80	NNE 2	NEbyE 2	7	3	------
18	61.21	61.11	23.5	27.5	75	80	W 1	NEbyE 2	2	2	------
19	62.25	61.60	24.9	27.8	79	70	WNW 1	NEbyN 2	7	9	1.3
20	62.46	60.95	24.8	27.4	87	76	NW 1	NE 2	10	7	.8
21	61.10	60.30	26	27.2	82	79	ENE 3	NEbyE 2	7	3	------
22	60.81	60.21	26.2	27.8	81	71	NE 2	NE 2	8	2	------
23	61.20	59.96	25.8	28	69	68	NNW 2	NEbyN 2	4	2	------
24	62.35	60.71	24.5	27.9	80	75	W 1	NE 2	7	4	------
25	61.58	59.75	23.5	28	86	79	WNW 1	ENE 2	3	2	------
26	60.27	59.37	26	27.4	78	80	Calm	NE 2	8	3	------
27	60.52	60.21	26.5	28	85	77	NE 2	NE 1	7	8	------
28	60.70	60.08	26.7	27.3	81	84	NNE 3	NNE 4	4	4	------
29	60.88	60.31	26.4	28.7	82	73	N 3	NNE 3	8	4	------
30	60.98	60.57	26.2	27.8	87	80	NWbyN 2	NEbyN 4	4	4	------
31	60.55	59.47	26.8	28	81	78	NNE 2	NE 1	6	7	------
Mean	61.48	60.66	25	27.7	79.3	74.5	1.6	1.8	5.4	3.6	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	2.1

Day.	APRIL.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.33	58.85	27	27.8	79	77	NNE 3	NE 2	7	3	------
2	60.11	59.10	26.9	28.8	83	74	NEbyE 2	NE 2	8	3	------
3	60.31	59.92	25.7	28.2	88	77	Calm	NE 1	7	2	------
4	60.92	59.84	26	28	82	81	NE 1	EbyN 2	7	1	------
5	61.23	60.07	23.5	27.8	76	77	W 1	NEbyE 2	1	4	------
6	62	60.75	27	28	79	70	NE 4	NE 2	7	1	------
7	61.37	60.62	23.7	27.2	77	76	NW 1	NE 3	4	1	------
8	61.24	59.92	23.7	28.5	74	74	WNW 1	ENE 2	2	1	------
9	60.67	60.12	26.5	29.8	80	68	N 3	NNE 1	2	3	------
10	60.87	60.02	27	28.8	78	77	N 2	NEbyE 2	3	8	------
11	60.02	59.15	26.6	29.7	82	65	NNE 3	N 1	7	1	------
12	60	59.44	26.8	28.4	78	73	NNE 3	NE 2	3	4	------
13	60.92	59.90	26.3	29.4	79	74	NbyE 2	NNE 2	4	4	------
14	60.28	60.12	27	28.3	77	79	NNE 3	NE 1	4	5	------
15	60	59.05	27	28.2	70	80	NbyE 3	NNE 2	7	7	------
16	59.52	58.65	25.2	27.8	73	77	W 1	NE 2	4	7	------
17	58.44	57.70	27	28	80	78	NE 2	NE 1	4	5	------
18	58.32	57.99	25.2	28	88	79	NWbyW 1	NEbyE 2	5	4	------
19	59.48	58.55	27.3	28	76	77	NE 3	NE 2	6	7	------
20	60.13	59.25	27.3	28.4	71	74	NbyW 2	NEbyE 1	9	7	------
21	60.17	58.39	26.3	28.5	73	76	NNW 1	NbyE 3	2	7	------
22	59.91	58.85	26	28.3	80	78	N 3	NEbyN 2	7	7	------
23	59.43	59.10	27.1	28	76	72	N 3	NEbyN 5	4	8	4.3
24	59.92	59.11	26	29.4	80	67	NW 2	N 5	4	7	------
25	59.67	58.22	25.2	28.6	78	73	NW 1	NNE 3	4	6	------
26	59.04	58.08	26.5	27.7	74	76	NW 1	NE 3	6	8	------
27	58.69	58.02	26.5	28.4	74	70	N 2	NE 1	4	3	------
28	58.63	58.24	27.5	28	78	82	NNE 2	NE 2	8	5	------
29	59.34	57	26.2	28.6	80	73	NW 1	ENE 2	4	6	------
30	58.54	57.59	26.2	28.8	80	76	WNW 1	NE 1	9	8	------
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	59.98	59.05	26.2	28.4	78.1	75	1.9	2.1	5.1	4.8	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	4.3

DUMAGUETE.

[ϕ=9° 18′ N; λ=123° 19′ E; barometer above sea, 7.7 meters; gravity correction not applied, —1.87 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.68	57.10	26.3	28.5	90	83	W 1	NE 2	8	6	------
2	58.52	57.01	25.2	28.7	91	80	W 1	SE 1	7	7	0.5
3	58.61	56.86	26	29.4	92	79	W 1	E 1	9	7	------
4	57.91	56.27	25.7	28	83	85	WNW 1	NE 2	4	4	------
5	57.74	57.07	25.3	28.9	86	78	WSW 1	ENE 2	5	4	------
6	57.77	57.22	26	28.7	80	77	WbyS 1	ENE 2	4	3	------
7	57.52	55.92	27.8	28.9	79	76	NNE 2	NEbyN 2	7	3	------
8	57.52	56.70	27.8	29.2	79	74	NEbyE 2	NNE 2	8	4	------
9	------	------	------	------	------	------	------	------	------	------	------
10	57.67	56.36	27.1	28.4	70	82	NW 1	NE 1	9	9	1.8
11	57.87	57.22	25.8	29.4	85	79	WNW 1	ENE 1	6	6	------
12	58.24	57.95	26.3	28.4	79	86	W 1	NEbyE 2	3	5	------
13	58.32	56.92	26.3	30.7	81	74	W 1	SSE 2	4	5	------
14	58.89	57.41	25.7	31	81	75	W 1	SSE 2	8	7	1.8
15	59.11	57.14	25.7	30.7	92	72	W 1	S 3	5	7	16.5
16	58.13	56.62	25.8	29.3	93	79	Calm	E 1	5	4	21.1
17	58.57	57.62	25.7	29	95	79	WSW 1	E 1	9	7	------
18	59.61	58.74	25.4	30	89	75	WSW 1	E 1	5	4	------
19	60.05	58.45	25	30	89	77	W 1	ENE 2	4	3	------
20	59.47	56.80	26.6	31.4	87	70	W 1	SbyE 3	4	7	------
21	58.65	56.59	25.9	31.3	85	69	W 1	S 2	8	9	------
22	58.07	56.75	25.5	31.5	88	73	WSW 1	S 2	7	9	4.1
23	58.83	58.06	25.3	28.6	93	78	W 1	E 1	7	9	------
24	59.23	57.96	27.2	29.8	86	70	SSE 2	SE 2	9	4	------
25	59.67	58.44	25.6	29.4	85	79	W 1	NEbyE 2	4	4	------
26	59.53	58	25.3	30	88	74	W 1	SE 1	4	4	------
27	59.49	58.18	25.4	30.8	85	74	W 1	SE 2	7	4	30.5
28	60.75	58.72	25	28	94	81	NW 1	S 3	10	9	2.8
29	59.55	58.08	24.4	31	90	74	SW 1	E 1	5	6	------
30	58.63	56.94	25.5	30.2	87	75	WNW 1	SE 2	4	6	------
31	57.61	56.15	25.3	30.2	84	75	W 1	SSE 2	6	4	------
Mean	58.67	57.31	25.9	29.6	86.2	76.7	1.1	1.8	6.2	5.7	------
Total	------	------	------	------	------	------	------	------	------	------	79.1[a]

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.79	57.43	25.8	29.5	81	78	NW 1	ENE 2	5	4	------
2	59.02	57.98	26.8	30	83	69	W 1	NE 2	5	5	1.3
3	59.09	57.67	26.5	29.4	92	74	W 1	NEbyE 2	9	8	------
4	58.62	57.79	26.1	30	89	71	WbyN 1	ENE 1	9	9	1
5	57.84	57.55	26	29.3	94	74	SW 1	NNE 2	7	4	------
6	57.98	58.01	28.5	29.1	72	74	NEbyN 3	NEbyE 2	8	7	------
7	58.60	57.29	27.4	30	75	67	NNE 2	NE 2	8	7	------
8	57.86	56.32	28.5	29.1	74	76	NbyE 2	ENE 2	7	7	1
9	56.62	56.11	26.1	28.7	82	75	W 1	NE 1	9	5	------
10	56.76	55.75	25.6	29.4	82	76	WbyS 1	E 1	8	7	------
11	57.34	56.42	25.5	29	80	78	W 1	ENE 2	7	7	6.9
12	57.67	56.96	24.5	30.2	92	74	W 1	SSE 2	10	9	4.7
13	57.72	56.83	26.2	29.6	94	74	W 1	ENE 2	9	7	------
14	56.98	56.41	26.6	29	91	82	NNW 1	NE 2	10	8	7.4
15	57.52	56.85	28.6?	29.4	78	75?	NNE 2	NNE 2	7	7	------
16	58.06	57.75	28.5	29.2	83	81	NNE 3	NNE 3	9	9	------
17	58.23	57.32	28.5	29.3	81	79	NNE 3	NEbyE 3	9	9	------
18	57.12	56.29	28.7	29.7	81	79	NbyE 3	NNE 2	8	5	------
19	57.18	56.28	28.2	29.7	82	74	NNE 2	NE 1	9	8	6.9
20	56.92	56.07	26	29.4	95	78	W 1	NE 1	9	4	8.5
21	57.32	56.62	28.2	29	85	78	NE 2	NE 2	7	8	9.4
22	57.92	56.85	25	29.5	91	76	WNW 1	NE 1	7	9	------
23	57.53	55.89	25.7	29.7	81	71	NbyE 2	NNE 1	9	7	33.8
24	57.44	56.48	24.2	29	93	76	NW 1	ENE 1	10	8	.8
25	57.89	57.16	24.6	27.4	88	84	W 1	E 1	7	9	16.3
26	57.79	56.69	24.5	30.7	90	72	W 1	SSE 1	8	7	------
27	58.34	58.12	24.6	29.4	87	79	W 1	SE 2	8	9	------
28	58.70	58.40	24.4	28.9	83	80	W 1	S 1	9	10	------
29	59.20	58.82	24.5	28.5	88	76	WSW 1	WNW 2	7	10	------
30	59.52	58.50	24.2	30.5	91	72	WbyN 1	SSE 2	4	5	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.89	57.09	26.3	29.4	85.3	75.7	1.5	1.7	7.9	7.3	------
Total	------	------	------	------	------	------	------	------	------	------	98

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.75	57.85	24.6	30.6	83	70	W 1	S 3	4	4	------
2	58.36	56.37	24.7	30.3	87	74	Calm	SSE 2	7	7	2.5
3	57.83	56.47	24.8	29.4	93	76	WSW 1	SE 1	10	7	------
4	58.38	57.34	25.1	30.7	88	75	W 1	SE 3	5	4	------
5	58.62	58.21	25.7	30.3	89	74	W 1	SSE 2	5	9	1.8
6	58.92	57.91	25.3	30.2	93	73	Calm	NE 2	8	9	1
7	58.67	58.20	25	29.5	85	75	W 1	NE 2	4	4	------
8	59.72	58.99	24.8	29.1	91	81	W 1	ENE 1	5	4	1.4
9	59.90	59.13	25.3	30.2	94	74	W 1	NE 1	7	5	------
10	59.30	58.60	27	29.2	89	76	NWbyN 1	NE 1	7	7	43.2
11	58.75	58.27	24.4	28.9	92	80	WNW 1	E 1	9	10	------
12	58.79	58.15	24.7	28.2	86	76	W 1	NNE 1	8	9	------
13	57.97	56.86	24.8	28.8	86	72	W 1	NEbyE 1	9	7	1.9
14	57.10	56.37	24	28.5	90	78	WNW 1	NE 2	7	7	9.3
15	57.18	56.41	25.7	28.3	90	81	NE 1	NNE 2	9	8	------
16	57.66	57.31	24.8	28.8	91	74	WNW 1	NE 2	7	8	------
17	57.18	56.74	26.5	29.5	88	74	S 1	NNE 2	8	6	------
18	56.62	55.82	25.4	29	89	79	W 1	NE 2	7	5	------
19	56.52	55.59	26	29.7	93	76	SW 1	SEbyE 2	9	7	------
20	56.44	55.86	25	30.8	84	73	WbyS 1	SSE 2	8	7	11.4
21	57.59	56.71	24.4	31	96	75	W 1	SSE 2	9	6	------
22	58.84	58.16	24.5	30.3	92	71	W 1	SSE 2	8	9	------
23	58.89	58.22	24.3	28.9	91	80	WbyN 1	S 2	7	7	5.1
24	57.46	55.89	24.6	28.8	92	80	W 1	SSE 2	9	9	------
25	56.82	55.87	26	30	85	73	W 1	S 2	10	10	7.1
26	57.17	55.36	24	31.6	96	58	W 1	SSW 2	10	9	10.2
27	56.51	56.30	25	29.4	95	76	NW 1	SW 5	10	10	20.1
28	55.75	54.45	24.8	27.5	89	84	S 2	N 2	10	10	10.3
29	53.90	53.67	26.6	27	80	84	N 2	W 1	10	10	7.1
30	54.70	55.12	25.2	27.8	83	71	SWbyS 2	SW 2	10	10	8.4
31	56.03	55.85	27	31.5	78	57	SW 3	SW 4	7	7	------
Mean	57.66	56.84	25.2	29.5	89	74.8	1.1	2	7.8	7.5	------
Total	------	------	------	------	------	------	------	------	------	------	140.8

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.01	56.39	26.4	30.2	75	68	SW 1	S 2	6	6	------
2	57.50	56.38	23.3	30.7	90	71	W 1	S 3	6	5	------
3	58.20	56.67	23.4	31.7	86	62	W 1	SSE 2	6	7	------
4	57.57	55.97	23.2	31.2	88	69	Calm	E 2	3	3	------
5	57.80	57.32	25.4	30	89	70	NNW 1	S 2	10	10	------
6	58.34	57.72	24.6	28	87	81	W 1	N 2	9	8	3.3
7	59.04	57.63	24	30.5	88	70	WNW 1	NNE 1	5	7	------
8	58.27	56.35	23.5	32.3	87	56	WSW 1	ENE 1	4	3	------
9	57.18	56.03	23.6	32.5	88	49	WSW 1	SSW 3	4	4	------
10	58.18	57.07	23.5	31.6	90	51	W 1	SW 4	4	4	------
11	59.72	57.65	24.5	31.2	85	58	WSW 1	N 3	9	7	------
12	59.37	57.42	23.6	32.5	85	60	W 1	N 3	4	7	------
13	58.54	56.55	23.6	31	75	67	SW 1	SSE 2	6	4	------
14	58.22	57.08	23	30.8	83	69	WSW 1	S 3	4	9	------
15	57.95	57.19	24	30.5	83	72	W 1	SSW 3	6	9	------
16	58.89	57.70	24.7	29.4	90	74	W 1	S 3	10	9	------
17	57.72	56.17	23.8	29.5	85	75	W 1	WSW 2	7	10	4
18	56.47	55.27	24.3	28.8	90	74	W 1	N 2	8	9	2
19	55.87	55.13	25	31.6	92	62	WNW 1	SW 3	7	8	3.8
20	56.12	55.57	26.7	32	77	52	S 3	SSW 2	7	8	------
21	57.09	56.03	24.2	34.4	80	44	WNW 1	W 3	6	5	------
22	57.65	56.50	24.9	29.4	87	77	W 1	NNE 2	8	9	------
23	56.73	56.20	24.4	31.3	82	70	W 1	SE 1	7	8	------
24	57.94	56.49	24.9	30.7	79	69	W 1	S 2	8	9	1
25	58.42	57.45	24.4	30.6	93	68	Calm	S 2	9	10	------
26	59.63	58.09	25.1	30.5	88	67	W 1	S 2	7	8	5.1
27	60.03	59.16	24	27.5	88	75	NW 4	NNE 2	9	8	------
28	60.19	58.63	24.4	30.7	88	68	W 1	SSE 2	4	4	------
29	59.80	58.10	24.2	31.2	85	67	WNW 1	S 2	5	4	------
30	59.21	57.58	24.4	30.5	87	69	WNW 1	SSE 2	9	7	------
31	58.44	57.23	24.6	30.6	80	69	SW 1	SSE 2	8	10	18.5
Mean	58.16	56.93	24.3	30.8	85.5	66.2	1.1	2.3	6.6	7.1	------
Total	------	------	------	------	------	------	------	------	------	------	37.7

[a] 30 days of observation.

DUMAGUETE.

[φ=9° 18′ N; λ=123° 19′ E; barometer above sea, 7.7 meters; gravity correction not applied, −1.87 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.29	57.11	23.4	30.6	93	70	W 1	E 1	7	4	------
2	57.88	56.18	23.4	31	83	61	W 1	ESE 1	6	7	------
3	57.74	55.84	23.4	31.1	90	67	WNW 1	S 3	4	8	2.8
4	56.93	55.95	24.2	28.4	91	77	W 1	E 2	8	9	3
5	57.11	55.11	24.8	30	91	70	WNW 1	S 2	10	7	5.6
6	56.56	55.10	24.2	29.8	94	68	W 1	SSW 2	7	9	2.3
7	55.83	54.92	24.8	30	91	64	WNW 1	NNE 2	9	10	------
8	56.04	54.63	25.5	30.6	84	64	SSW 3	SW 4	10	9	------
9	55.53	55.43	27	32.3	80	46	SW 4	SW 4	7	8	------
10	56.72	56.65	27	28.2	82	77	SSW 2	NW 1	9	10	------
11	56.32	55.88	24.5	31.3	92	62	NW 1	SW 2	9	9	------
12	57.04	55.60	25.5	30	84	69	Calm	NE 2	9	9	------
13	57	56.57	25.7	31	86	72	Calm	S 2	9	9	2.3
14	57.97	56.45	25	30.8	88	67	Calm	W 1	10	9	14.9
15	58.61	57.23	23.9	28.4	97	78	NW 1	S 2	10	10	36.8
16	59.15	58.24	23.3	28.5	95	76	W 1	E 1	7	9	------
17	58.34	57.52	25.3	29.3	90	76	NW 1	NE 2	5	5	53.6
18	58.23	57.02	22.5	29	97	78	W 1	NE 2	9	7	6.4
19	58.39	56.67	25	29	97	78	W 1	NNE 2	9	7	------
20	58.24	57.02	25.8	29.3	90	76	WbyN 1	NEbyE 2	8	5	2.2
21	58.29	56.92	25.8	29.1	93	74	WSW 1	NNE 1	9	7	------
22	57.58	56.91	28	29.5	82	75	NE 2	ENE 2	6	5	------
23	58.16	56.19	25.3	29.5	89	75	Calm	ENE 1	8	7	6.1
24	58.09	56.75	24.5	31.1	87	67	W 1	NW 2	7	7	------
25	58.14	58.15	24.7	28.4	90	75	WSW 1	N 1	8	9	------
26	59.17	58.01	24	30.7	90	67	W 1	S 2	7	7	------
27	58.79	58.24	24	29.9	87	71	W 1	SE 2	4	8	4.8
28	59.54	58.16	24.2	29.4	94	75	WNW 1	ENE 1	9	8	22.9
29	58.62	57.68	24	28	94	81	W 1	NNE 2	9	10	.8
30	58.99	58.01	24.6	29.6	90	73	WNW 1	ENE 2	5	7	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.78	56.67	24.8	29.8	89.7	71	1.1	1.9	7.8	7.8	------
Total	------	------	------	------	------	------	------	------	------	------	164.5

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness,		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.31	57.60	25.7	29.8	90	74	Calm	NE 2	10	10	------
2	57.71	55.89	26	29	92	76	NW 1	NE 1	10	8	21
3	56.97	54.97	24	29.6	96	77	Calm	S 2	10	10	7.9
4	56.55	55.70	24	28.1	97	80	WSW 1	SE 2	10	9	5.5
5	56.84	55.12	24.5	30	96	73	Calm	SSE 2	10	8	2.8
6	56.24	54.84	24	26.2	94	86	WSW 1	SSW 4	7	10	6.1
7	55.33	54.66	24.2	29	97	78	Calm	S 2	7	9	5.6
8	56.13	55.79	25.2	27.4	92	73	wbyN 1	SW 2	10	10	1
9	56.57	55.77	24.4	30	90	65	SSW 2	SSE 2	9	9	------
10	57.89	57.15	24	29	90	78	W 1	NE 2	7	6	------
11	59.67	58.47	25.5	29.7	89	76	WNW 1	ESE 2	7	6	------
12	59.83	58.06	26	28.3	85	80	NW 1	NE 2	10	10	------
13	57.87	56.15	24.3	29.4	89	75	WNW 1	ENE 1	9	9	9.2
14	57.51	56.57	23.3	28.3	89	79	W 1	SE 2	6	9	1.5
15	57.64	56.67	24.5	29.5	92	76	Calm	E 2	9	7	------
16	58.91	57.16	25.5	29	89	79	NWbyW 1	ENE 2	10	7	------
17	58.24	56.64	24	30.3	91	71	W 1	E 1	3	3	------
18	57.95	56.47	25.8	29.8	87	71	W 1	NE 2	8	7	1
19	57.24	56.35	25.7	30	88	73	WNW 1	NNE 2	6	6	23.1
20	58.46	56.25	24.6	30	92	75	N 2	NE 2	9	7	6.4
21	57.69	56.60	24.4	27.7	94	87	Calm	SEbyE 2	9	10	1
22	56.43	55.07	24	28.4	85	77	Calm	N 2	10	10	13
23	54.16	53.90	26	25.5	88	93	S 2	Calm	9	10	21.3
24	55.17	53.64	25	27.8	92	73	SSW 2	swbyw 6	10	9	20.8
25	55.50	53.57	25.1	29.5	91	63	SW 4	S 1	9	9	2.2
26	55.87	54.71	24	31	91	67	WSW 1	SE 2	8	6	------
27	57.12	55.88	24.1	30.5	91	68	WbyS 1	N 2	7	8	------
28	56.97	55	25.8	31.5	88	61	NbyE 1	SSE 1	8	9	21.6
29	57.04	55.89	24.7	27	94	82	S 2	N 2	10	10	19.3
30	57.65	57.07	25.1	30	91	71	W 1	Calm	10	8	------
31	57.53	56.64	24	31.3	93	67	NNW 1	E 2	7	7	------
Mean	57.23	55.94	24.8	29.1	91.1	75	1	1.9	8.5	8.3	------
Total	------	------	------	------	------	------	------	------	------	------	190.3

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.56	57.27	24.2	29.6	91	75	WNW 1	SE 2	7	7	6.6
2	58.49	56.46	25	29.5	95	76	NW 1	NNE 2	8	7	------
3	55.39	54.21	25.5	30	84	71	WSW 1	NNE 2	10	9	------
4	58.47	57.54	26.2	29	82	78	WSW 1	NEbyN 2	9	7	------
5	59.37	57.42	25.7	30	86	76	W 1	NE 1	7	7	3.6
6	58.04	57.25	25	29.4	92	74	NW 1	NE 2	8	7	------
7	57.64	56.70	25	29.6	83	74	W 1	NE 2	8	7	------
8	57.94	56.90	24.5	30.4	87	67	W 1	N 1	7	5	------
9	58.06	56.19	25.5	30.3	88	77	NW 1	SE 2	8	6	7.9
10	57.44	56.13	24.8	30	89	69	SSW 2	NW 2	9	8	1
11	57.58	57.07	24.2	30	90	71	WbyN 1	SSE 2	5	9	------
12	58.73	57.25	24.8	29.9	90	71	WSW 1	ENE 1	7	4	1
13	59.92	58.20	24.1	28.8	95	78	W 1	E 1	9	5	------
14	60.41	58.47	24.6	29	92	74	W 1	NE 2	9	7	6.4
15	59.63	57.98	25.5	30.5	84	66	NW 2	NNE 2	7	5	3.3
16	58.62	57.27	25.5	29.3	91	74	NW 1	NE 3	9	7	1
17	57.97	56.55	25	29.7	91	71	NW 1	NNE 2	6	4	2.3
18	58.86	58.51	24.6	27.7	92	84	WNW 1	NEbyN 6	8	9	------
19	59.59	58.22	25	29.2	81	74	NW 1	NNE 3	5	5	6.5
20	59.03	57.83	25.5	28.2	84	77	W 1	NE 3	9	9	13.2
21	58.14	56.64	24.5	29.4	90	71	WNW 1	NNE 2	5	4	.5
22	56.78	56.01	25.8	29	87	78	NNE 1	NNE 1	7	8	------
23	56.88	55.79	25.2	28.3	91	77	NW 1	NE 2	9	10	------
24	56.93	55.69	24.8	29	93	76	W 1	E 1	5	9	------
25	56.28	55.30	24.3	29	91	76	W 1	E 1	6	7	------
26	55.54	54.61	25	29.2	88	74	WSW 1	NE 1	9	6	10.7
27	56.89	55.10	25.1	29.1	96	79	W 1	NNE 2	9	5	4.3
28	56.92	55.71	26.3	29	86	80	NW 2	NNE 2	8	6	13.7
29	57.66	56.65	25	28.7	92	78	NW 1	NE 2	9	8	3
30	57.88	56.62	25.5	29.3	92	76	NW 1	N 2	9	7	10.9
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.99	56.72	25.1	29.3	89.1	74.7	1.1	2	7.7	6.8	------
Total	------	------	------	------	------	------	------	------	------	------	95.9

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.04	56.71	25.2	29.4	90	77	W 1	NbyE 2	10	9	60.7
2	58.28	56.86	23.6	28.8	95	77	WNW 1	N 1	9	9	1
3	57.32	56.70	25.5	28.5	88	79	NW 2	N 2	9	10	------
4	56.89	58.15	25.6	24.6	87	94	NW 2	W 1	5	10	14
5	56.77	55.45	24.3	28.3	89	81	NW 1	SE 1	10	10	------
6	54.82	53.44	26.5	27.6	62	67	NW 2	NNW 3	10	10	------
7	54.40	53.90	26	28.2	76	83	NW 1	SW 4	10	9	------
8	56.12	55.80	25.8	27.4	84	84	SW 4	Calm	7	10	2.3
9	57.26	56.15	23.7	29.2	94	72	W 1	SE 2	7	7	------
10	57.63	56.35	24	28	87	79	W 1	NEbyN 1	9	9	24.9
11	57.16	56.22	23	28.3	93	76	W 1	N 1	4	9	------
12	57.95	56.27	23.3	29.2	89	80	W 1	SSW 2	9	7	1.3
13	57.69	56.10	23.5	29.2	92	75	WNW 1	SSE 2	7	7	------
14	57.56	56.29	23.5	30	84	65	WNW 1	S 2	4	4	------
15	57.47	56.80	24.5	29.6	90	72	W 1	ENE 1	5	4	9.5
16	58.70	57.25	24	28.2	93	78	NW 1	NNE 1	8	7	3.1
17	58.29	56.62	25.5	29.3	88	71	NW 2	NE 2	8	4	86.4
18	58.49	57.33	24	28.3	91	81	W 1	NE 2	8	8	1
19	58.62	58.11	27	26.7	86	90	NE 4	NE 6	9	9	4.1
20	59.22	58.70	26.5	29.5	82	76	NNE 2	NE 3	9	7	------
21	59.60	58.15	25.7	29.7	90	72	NNW 2	N 3	7	6	3
22	58.47	57.45	24.6	28.5	89	81	NW 2	NNW 2	9	9	25.1
23	57.94	57.32	25	27.4	92	81	NNE 3	N 3	10	10	14.5
24	58.47	57.51	24.5	28.2	86	74	NW 1	NNE 2	8	7	1.3
25	57.82	56.67	25.7	29.7	88	72	NW 2	NE 2	7	7	------
26	58.47	56.52	25.5	29.4	88	78	NW 1	NNW 3	7	7	------
27	56.90	55.55	25.5	29.2	88	78	NW 1	N 2	7	6	21.7
28	56.74	55.52	25.4	28.5	97	81	WbyN 1	NE 2	9	3	30.7
29	57.27	56.01	25.2	29.3	94	74	W 1	NNE 1	9	4	------
30	58.22	57.10	23.8	29	89	78	WNW 1	N 1	4	9	64.8
31	58.97	57.08	25	27.8	96	79	NNW 1	NNW 1	10	10	.8
Mean	57.66	56.58	24.9	28.5	88.3	77.6	1.5	2	7.9	7.6	------
Total	------	------	------	------	------	------	------	------	------	------	370.2

IWAHIG.

[ϕ=9° 44′ N; λ=118° 38′ E; barometer above sea, 4.26 meters; gravity correction not applied, —1.86 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.14	58.59	21.5	29.3	92	68	SSW 1	E 2	7	6	------
2	59.90	58.83	20	30	93	69	SSW 1	E 2	6	7	------
3	59.47	59.09	22.1	30.1	94	68	SSW 2	ESE 3	10	6	------
4	60.13	59.62	21.5	27.9	90	80	W 2	E 2	4	10	------
5	60.43	59.31	22.7	29.4	95	74	S 1	E 2	8	10	------
6	60.18	59.12	23	30.4	97	69	ESE 1	ESE 3	10	7	------
7	59.88	58.78	22	30.5	95	71	SSW 2	E 3	8	4	------
8	59.78	58.74	22.5	30	96	71	S 1	ESE 2	10	4	0.5
9	60.04	58.94	21.9	30.7	95	69	SE 2	E 2	4	6	------
10	59.94	59.49	22.2	29.7	93	71	SSE 1	NE 2	0	10	2.4
11	61.22	60.74	23.2	28.5	96	78	E 1	E 2	10	10	.5
12	60.91	60.31	21.2	30.1	95	63	SW 2	E 2	0	7	------
13	62.19	61.03	20.2	30.1	92	48	SSW 2	E 3	2	4	------
14	61.58	60.40	19.2	29.8	92	61	SW 2	ESE 3	1	4	------
15	61.03	60.46	21.5	31.3	92	60	S 1	E 3	10	5	------
16	62.35	61.71	19.2	28.9	93	60	SW 2	E 2	1	10	------
17	63.12	62	18.9	29.6	91	70	SW 1	ENE 2	5	10	------
18	62.49	61.45	22	28.5	91	70	SSW 1	E 2	10	10	------
19	61.15	60.09	22.7	29.4	94	67	S 1	E 3	10	3	------
20	60.89	59	20.6	29.9	94	59	S 1	SE 2	4	4	------
21	60.49	59.69	19.7	30.2	95	62	SW 1	E 2	9	3	------
22	60.81	59.90	23.1	29.9	91	65	SSW 1	E 3	10	7	------
23	60.23	59.45	21.9	30	96	62	SE 1	E 3	2	4	6.9
24	59.87	59.51	22	29.5	95	71	SSW 1	E 2	10	7	------
25	60.52	60.43	21.6	29.2	96	66	S 1	E 3	7	7	------
26	60.89	60.04	20.2	30	95	55	SSE 2	E 2	8	3	------
27	60.59	60.01	18	30	93	62	SW 2	E 2	0	9	------
28	60.42	59.50	19.5	30.4	93	56	SSW 1	E 3	5	4	2
29	60.27	59.90	19.9	29.2	92	69	SSW 1	E 3	0	6	------
30	60.44	60.11	20.2	30.1	94	60	S 1	ESE 2	5	4	------
31	61.32	60.26	19	29.9	93	62	SW 2	SE 3	2	5	------
Mean	60.73	59.89	21.1	29.8	93.6	65.7	1.4	2.4	5.7	6.3	------
Total	------	------	------	------	------	------	------	------	------	------	12.3

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.63	60.41	23	30.6	90	62	SSW 2	ESE 3	10	5	------
2	60.77	59.68	20.1	29.6	92	64	SSW 1	SE 2	0	6	------
3	59.48	59.40	18.7	29.7	91	58	SSW 2	E 3	0	4	------
4	60.12	59.15	18.4	30.4	94	56	SSW 2	ESE 2	2	2	------
5	60.73	59.71	18.5	30.6	90	36	SSE 1	SE 3	0	0	------
6	60.47	59.17	19.1	30.6	93	55	SSW 1	E 2	0	2	------
7	59.64	59.36	21	29.6	95	64	SW 2	E 3	10	9	------
8	60.54	59.85	19	30.5	93	52	SW 1	E 3	2	3	------
9	61.04	60.19	18.1	30.2	93	54	SSW 2	ESE 2	1	4	------
10	59.94	59.18	18.8	30.5	91	48	WSW 2	E 2	2	3	------
11	58.94	58.36	16.7	30.8	92	56	SW 1	ESE 4	2	4	------
12	59.06	58.65	20.2	30.5	92	58	SSW 1	ESE 2	1	8	------
13	59.15	58.72	20.8	30.3	93	53	WSW 1	ESE 2	5	6	------
14	58.91	59.68	21	30.1	95	56	Calm	E 3	10	10	------
15	60.93	60.12	21.1	30.6	90	57	SSE 1	E 3	10	6	------
16	60.94	60.61	19.3	30.2	94	53	WSW 1	E 3	5	8	------
17	60.79	59.87	18.5	30.5	91	52	Calm	E 2	7	9	------
18	60.45	60.34	18.2	29.4	93	55	SSW 1	SE 2	7	6	------
19	61.82	60.89	17.4	30.4	90	48	SSE 2	ESE 3	0	6	------
20	60.98	59.95	17.3	31.1	91	44	NNE 1	E 2	0	2	------
21	61.39	60.23	17.7	30.7	93	44	SSE 2	E 2	0	2	------
22	61.33	59.84	16.7	30.1	87	47	SSW 1	ESE 3	0	0	------
23	60.75	60.30	18.1	29.6	97	57	SW 1	ESE 3	2	5	------
24	60.85	59.69	18	30.8	90	58	SW 2	SE 2	1	6	------
25	60.82	60.16	21	30	93	61	SW 1	E 2	5	5	0.1
26	60.87	60.12	19	29.6	93	59	Calm	E 3	10	10	------
27	60.55	59.98	18.5	31	93	56	SSE 2	ESE 2	0	8	------
28	60.84	59.28	18.5	31.5	89	48	WSW 2	ESE 3	0	3	1
29	------	------	------	------	------	------	------	------	------	------	------
30	------	------	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	60.49	59.75	19	30.3	92.1	54	1.3	2.5	3.3	5.1	------
Total	------	------	------	------	------	------	------	------	------	------	1.1

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.14	59.87	22.6	29.5	94	63	WSW 1	E 2	10	6	------
2	61.26	60.90	21.1	30.9	94	56	SSE 1	ENE 2	10	6	------
3	60.86	60.89	21	30.5	93	62	SSE 2	E 2	0	5	------
4	61.59	61.74	20.5	31	86	58	SSW 2	ESE 2	2	4	------
5	62.18	61.30	20.5	30.5	91	62	SW 2	E 3	2	6	------
6	61.52	60.18	20.6	30.6	86	52	SSW 2	ESE 3	0	4	------
7	61.17	60.38	20.1	31.5	90	53	SW 2	E 3	4	2	------
8	60.86	61.02	21.1	31.1	93	56	Calm	E 2	3	5	------
9	61.33	60.98	22.3	30.3	92	62	SSE 1	E 2	10	5	------
10	61.99	61.48	20.9	30	92	67	SSW 2	E 2	2	9	------
11	61.42	60.02	21.1	30.6	94	58	S 1	E 3	1	4	------
12	59.98	59.44	21	32.3	93	56	SSW 1	NE 2	2	4	------
13	60.23	59.85	20.6	31.1	91	59	S 1	E 3	2	3	------
14	60.98	60.09	21.3	31.8	93	50	SSE 2	E 3	0	3	------
15	61.12	60.44	21.6	31.4	94	56	SSE 1	E 2	1	3	------
16	60.31	59.85	24.5	31	91	60	Calm	E 2	10	7	------
17	60.66	59.84	22.1	31.8	93	57	SSW 1	E 3	4	4	------
18	60.91	60.22	22.4	32	94	60	S 1	E 3	0	3	14.6
19	61.92	61.25	23.1	30.4	95	64	WSW 1	ESE 2	6	4	------
20	61.88	60.52	22.6	31.1	94	58	SSE 1	E 2	4	4	------
21	60.52	59.92	24.3	31.6	91	49	Calm	E 2	10	2	------
22	59.95	59.40	22.8	31	93	59	SW 1	E 3	4	3	------
23	60.22	59.60	22	32	93	54	SSW 1	E 2	10	3	------
24	61.89	60.52	21.3	30.9	86	62	SSW 2	E 2	4	5	------
25	61.07	59.83	21.9	31.3	88	58	SW 1	E 2	10	3	------
26	60.09	59.17	21.4	31.7	92	52	Calm	E 3	1	5	------
27	60.22	59.40	21.6	31.3	91	61	SSW 1	SE 2	5	7	------
28	60.24	59.40	22.5	30.7	94	63	SSE 1	E 3	5	9	------
29	60.63	59.69	23.2	31.6	93	59	SE 1	E 3	10	3	------
30	60.81	59.59	24.5	33.3	91	54	W 1	ESE 2	10	7	------
31	59.96	59.55	24	31.2	91	66	SSW 2	ESE 2	9	10	------
Mean	60.90	60.20	22	31.2	91.8	58.3	1.2	2.4	4.9	4.8	------
Total	------	------	------	------	------	------	------	------	------	------	14.6

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.15	58.33	23.7	32.7	93	60	Calm	E 2	10	2	------
2	59.49	58.76	23	32.9	91	58	SSW 1	ENE 2	0	4	------
3	59.77	59.49	23.2	32.2	93	60	SSE 1	E 2	8	5	------
4	60.22	59.38	23.6	32.5	91	56	S 1	SE 3	10	4	------
5	60.97	59.21	22.7	33	93	52	SSE 1	ESE 2	2	1	------
6	61.19	60.03	22.6	32.5	90	59	SW 1	E 2	9	7	------
7	60.71	59.78	22	32.2	93	50	S 1	E 2	4	0	------
8	60.72	59.38	22.1	31.2	93	58	SSW 1	ESE 2	10	5	------
9	59.96	59.73	23.1	32.1	93	57	S 1	SE 3	8	4	------
10	60.29	59.89	22.9	32.5	91	57	S 2	E 3	10	4	------
11	59.47	58.57	23	31.4	95	59	S 1	E 3	5	6	------
12	60.40	59.19	22.7	31.7	94	56	SE 1	E 3	4	3	------
13	60.09	59.77	22.6	31.5	93	62	Calm	E 3	10	7	------
14	59.82	59.44	24.2	31.5	90	61	S 1	ESE 2	10	4	------
15	59.33	58.61	23	31.9	90	59	SSW 1	E 3	9	3	------
16	59	58.11	22.8	32.5	89	49	S 2	SE 2	10	7	------
17	58.06	57.09	22.2	31.5	90	57	S 2	E 3	5	7	------
18	57.84	57.58	22.5	32	91	57	SSW 1	E 2	6	5	------
19	58.94	58.09	21.5	33	90	49	SSE 2	E 2	4	4	------
20	59.64	58.72	23	31.1	98	60	SW 2	E 3	4	10	------
21	59.45	57.81	23.4	33.1	92	49	Calm	ESE 2	4	8	0.5
22	58.84	58.19	24.3	32.3	91	52	Calm	ESE 3	10	6	------
23	58.68	58.73	24.6	31.5	91	58	Calm	E 2	7	5	------
24	59.13	58.80	23.7	31	91	62	SSE 1	E 3	10	7	.3
25	59.21	57.84	23.5	32.1	90	57	S 1	E 3	10	2	------
26	58.45	57.78	23.9	31.5	88	59	SW 1	E 2	10	10	------
27	57.80	57.53	23.2	32	92	58	S 1	E 2	4	3	------
28	58.42	58.14	22.2	33.4	93	48	SSE 1	E 2	1	4	------
29	58.88	57.16	23	32.3	91	61	SW 2	ESE 2	2	4	------
30	58.43	57.89	23.1	31.9	90	58	SSE 1	E 2	6	8	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	59.44	58.62	23	32.1	91.7	56.6	1	2.4	6.7	5	------
Total	------	------	------	------	------	------	------	------	------	------	0.8

IWAHIG.

[ϕ=9° 44′ N; λ=118° 38′ E; barometer above sea, 4.26 meters; gravity correction not applied; —1.86 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.31	57.45	23	33.4	90	54	SSE 1	E 2	10	4	------
2	58.23	57.01	24.6	28.5	90	70	WSW 1	SSE 2	10	10	30.5
3	58.06	57.85	23.4	26.1	94	89	NNW 1	W 2	6	10	2.5
4	57.45	56	23	30.5	95	70	SW 2	ESE 2	5	10	.3
5	57.25	57.30	23.8	29.2	94	73	Calm	WNW 1	10	10	5
6	57.06	56.90	23.6	31.3	95	66	WSW 1	E 3	4	5	8.9
7	56.73	55.82	23.6	31.7	94	59	SSE 2	E 3	9	5	------
8	56.83	56.94	24	31.2	95	64	S 1	ESE 2	10	10	------
9	56.76	56.52	23.6	31.6	94	59	SSE 2	E 2	10	5	------
10	56.88	56.37	24.8	31.8	92	59	SW 1	E 2	6	8	2
11	57.37	57.19	24.4	30.7	92	71	SSW 1	ENE 2	10	10	------
12	57.84	57.31	24.4	32.8	91	58	SW 2	E 3	10	5	------
13	58.15	57.27	24.5	32.4	92	62	S 2	Calm	10	10	------
14	58.25	59.22	24	25.9	94	89	SW 1	Calm	10	10	21.8
15	58.74	57.38	23.4	31.2	94	68	WNW 1	ESE 1	8	10	------
16	57.60	56.62	23	31.2	94	61	Calm	S 1	7	10	3.6
17	57.73	57.08	24.4	26.8	93	90	Calm	SE 1	10	10	4.3
18	59.14	58.40	23.9	32.2	96	58	S 1	SW 3	10	8	1.3
19	59.36	59.26	24.2	28.3	94	80	SSW 1	W 1	8	10	1.1
20	59.29	57.54	23.4	30.9	93	69	SW 2	SE 2	3	10	------
21	57.79	56.42	23.5	29.9	95	75	SSE 1	Calm	8	10	1.1
22	57.73	57.98	25	26.5	96	90	Calm	WSW 1	10	10	25.2
23	58.50	58.57	23.8	24.8	93	92	WSW 1	Calm	10	10	15.8
24	58.30	58.28	22.5	25.9	94	91	SW 2	SW 2	10	10	4
25	58.51	58.94	23.6	28.7	96	76	Calm	W 2	8	10	.3
26	59.38	58.03	23.4	31.8	94	61	SW 1	SE 8	5	4	------
27	58.75	58.45	23.6	30.8	96	65	SW 2	S 2	4	8	------
28	59.21	58.26	23.2	31.8	95	61	SW 2	E 3	6	3	------
29	59.18	57.82	23.6	32.6	94	57	SSE 1	E 2	10	6	------
30	58.48	57.05	22.8	31.5	93	57	S 1	SE 2	2	4	------
31	57.51	55.77	23.4	32.7	92	54	SE 2	E 2	8	8	------
Mean	58.08	57.45	23.7	30.2	93.7	69.3	1.2	1.7	8	8.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	127.7

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.43	57.17	23.6	31.8	94	59	SW 2	E 2	7	7	------
2	58.75	57.66	23.8	32.8	92	58	SW 1	E 2	8	6	------
3	59.15	57.83	24.1	31.5	95	63	SSW 1	E 2	10	9	10
4	59.42	57.18	24.1	30	95	65	WSW 1	E 2	10	10	6.4
5	57.78	57.33	24.1	30.1	95	75	S 1	E 1	10	10	4.3
6	57.60	57.73	24.2	30.4	97	68	Calm	SSE 3	8	10	1.3
7	57.96	57.25	23	31	95	60	SW 1	ESE 1	10	10	1
8	57.88	56.13	23.3	31.5	94	62	SW 1	E 2	10	9	------
9	56.44	55.64	23.6	32.1	95	60	SSE 1	ENE 2	7	7	9.6
10	56.28	55.64	24.5	31.7	95	59	Calm	SE 3	10	10	5.9
11	56.83	56.10	24.1	31.9	96	61	S 1	ESE 2	9	5	------
12	57	56.52	23.2	32.7	93	56	SSW 1	ESE 2	1	9	5.9
13	57.18	56.52	24.5	30.9	95	67	WSW 1	ESE 2	10	10	7.2
14	57.24	56.25	25	31	96	64	Calm	E 2	10	10	16.7
15	57.03	57.14	25	29.1	96	80	E 1	Calm	10	10	.7
16	57.51	57.78	23.4	30.4	96	74	SSW 1	Calm	1	10	.9
17	56.85	57.04	25	29.4	95	79	Calm	ESE 3	10	10	19.6
18	58.18	56.63	24	30	95	74	NE 1	E 2	10	10	38.8
19	57.15	57.03	24.5	26.1	95	90	Calm	WNW 2	10	10	4.3
20	56.30	56.51	23.3	25.5	96	93	WSW 1	SSW 2	4	10	115.4
21	57.24	56.94	22.4	29.7	96	73	Calm	S 2	10	10	------
22	57.50	56.50	22.5	31.1	95	67	SW 1	E 2	7	10	1.8
23	57.10	56.29	23.9	29.5	96	92	S 1	SSW 2	4	10	2.7
24	56.90	55.96	23.5	30.5	96	75	SW 1	Calm	10	10	44.4
25	57.19	57.53	23.8	25.1	93	92	NW 1	Calm	10	10	46.4
26	57.36	57.18	23	27	97	80	Calm	SSW 1	10	10	------
27	57.53	57.30	23	31.4	95	57	SW 1	S 2	10	10	------
28	57.89	57.83	23.4	29.8	94	78	SSE 1	W 2	5	9	5.2
29	58.51	58.64	22.6	28	95	82	Calm	N 1	10	10	1
30	58.85	58.25	23.5	30.4	95	69	SSW 1	WSW 2	10	10	4.1
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	-----
Mean	57.53	56.98	23.7	30.1	95.1	71.1	0.8	1.7	8.4	9.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	353.6

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59	58.64	23.1	26	95	88	SW 2	NNW 1	10	10	3.1
2	57.38	56.35	22.5	28.5	95	73	Calm	NNW 2	10	10	.3
3	56.98	56.01	23.5	31.1	94	74	S 1	ESE 2	10	9	------
4	57.84	56.94	23	32	95	66	Calm	SSE 2	10	6	2.5
5	58.94	58.21	23	30.2	95	72	Calm	SE 2	8	10	.1
6	58.56	57.70	23.4	29.6	94	70	SW 1	NNW 2	9	10	1
7	58.24	57.88	23.7	29.6	95	74	Calm	SW 2	10	10	1.4
8	59.25	59.29	22.4	27.6	96	87	SW 2	ESE 2	10	10	2.6
9	59.19	58.94	22.7	31.5	96	65	SW 2	E 3	6	7	------
10	59.18	59.34	23.1	28.7	94	78	SSW 1	SE 1	6	10	2.8
11	58.23	58.36	23.7	29.6	97	77	Calm	E 2	10	10	.9
12	58.15	58.73	23.5	26	95	89	S 1	Calm	10	10	3.1
13	57.84	56.63	21.8	30.1	96	71	SW 2	E 2	6	6	------
14	56.96	56.03	22.8	29.8	95	65	SW 1	E 2	10	10	4.1
15	55.95	56.65	23.5	27.7	95	86	Calm	E 1	10	10	.3
16	57.43	56.99	22.7	29.1	94	74	S 1	E 2	10	10	6.6
17	57	57.05	23	28.5	95	80	S 1	ESE 2	10	10	------
18	56.66	56.21	23.6	30.5	94	59	SSW 1	SE 1	4	10	------
19	56.30	55.18	23.3	30.9	95	64	SW 1	SE 2	4	5	------
20	56	55.63	22.7	29.7	94	82	SW 1	NW 1	1	10	8.6
21	57.03	56.62	23.2	29.2	94	79	SW 1	SW 1	10	10	49.5
22	58.65	58.40	22.2	29.2	95	82	SW 1	SE 1	1	10	5.8
23	58.94	59.26	23.3	26.1	92	85	WSW 2	SSE 1	10	10	15.7
24	57.53	57.82	22.7	24	95	92	S 1	WSW 1	10	10	44.7
25	56.46	56.25	23.5	28	96	80	Calm	Calm	10	10	8.3
26	56.39	56.34	24.8	28.1	87	73	SW 1	W 2	10	10	2.2
27	55.32	55.19	28.5	29.5	64	68	SW 3	W 2	10	10	19.7
28	55.06	54.32	26.8	28.5	77	70	W 3	WSW 4	10	10	11.2
29	53.44	52.89	27.5	29.5	73	55	W 3	WSW 3	10	10	7.1
30	53.31	53.67	27.4	28.1	65	61	SW 2	SW 2	10	10	3.3
31	55.11	54.27	25.5	29.8	75	70	SW 1	SSE 2	10	10	------
Mean	57.17	56.83	23.8	28.9	90.7	74.5	1.2	1.7	8.5	9.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	204.9

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	56.40	55.89	23.6	31.6	94	62	SW 1	SSE 3	10	5	4.3
2	57.19	56	22.7	29.5	97	78	SSE 1	SSE 2	10	10	6.1
3	57.53	56.80	22.6	28.6	96	86	Calm	NNE 1	3	10	2.5
4	57.41	56.16	23.1	29	94	74	Calm	SSW 1	8	10	1.8
5	57.36	56.83	22.2	27.6	94	86	W 1	SE 2	2	10	20.8
6	58.20	57.31	23.7	29	96	74	Calm	Calm	10	10	4.9
7	58.86	57.72	22.5	32.4	96	48	SW 1	NNW 2	9	4	------
8	58.24	56.58	22.1	30.5	95	72	WSW 1	E 2	8	10	------
9	57.11	56.77	22.2	30.5	96	70	WSW 1	SSW 2	2	9	------
10	57.56	57.57	22.9	27.8	94	84	SW 1	Calm	4	10	3.8
11	59.13	58.20	24	26.7	95	89	Calm	N 2	10	10	16.3
12	59.01	57.23	23.2	30.6	96	69	WSW 1	SE 2	10	10	------
13	57.82	56.73	23.7	31.1	95	74	WSW 1	ENE 1	10	10	------
14	57.99	56.87	22.7	31.5	95	72	Calm	E 1	10	10	------
15	57.50	56.22	23.1	27.7	94	75	Calm	S 2	4	10	14
16	58.78	57.98	23.1	26	95	83	WSW 1	WSW 2	5	10	------
17	57.83	57.36	22.4	27.2	96	83	WSW 1	WSW 1	7	10	4.7
18	56.67	56.11	21.7	30.2	95	60	W 1	W 2	10	10	------
19	56.16	55.49	23	28	95	82	Calm	SE 2	10	10	9.1
20	56.15	55	23.3	30.5	96	72	SW 1	NNE 3	9	10	34.8
21	56.63	55.99	23.6	28.7	95	73	Calm	NW 2	10	10	5.6
22	57.49	56.34	22.6	29.7	96	71	Calm	SW 1	10	10	2
23	56.91	56.67	23.4	28	96	85	WSW 1	ESE 2	10	10	14.5
24	57.42	57.46	23.6	26.9	95	85	Calm	Calm	10	10	17.3
25	57.96	57.98	23	26.4	95	88	W 1	Calm	10	10	17.5
26	58.76	59.21	23.5	26.4	95	90	Calm	Calm	10	10	4.4
27	59.56	58.52	22.6	31.4	95	63	W 1	E 2	10	10	------
28	59.58	58.80	23.5	30.3	94	68	WSW 1	SSE 1	10	8	------
29	59.46	57.59	22	31.6	93	67	W 2	E 2	0	4	------
30	59.31	57.49	22.9	32	96	59	SW 1	E 2	4	4	------
31	58.45	57.34	22.7	31.7	95	60	NNW 1	NE 2	6	10	8.9
Mean	57.88	57.04	22.9	29.3	95.1	74.3	0.7	1.5	7.8	9.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	193.3

IWAHIG.

[ϕ=9° 44′ N; λ=118° 38′ E; barometer above sea, 4.26 meters; gravity correction not applied, —1.86 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.10	56.86	22.4	29.8	95	75	WSW 1	SSW 1	10	10	------	59.53	58.25	22.8	28.1	96	79	Calm	WNW 2	2	10	6.1
2	57.95	57.05	23	28.8	96	78	WSW 1	E 1	10	10	16.3	57.68	56.58	22.5	30	96	75	Calm	SSW 1	10	10	3.6
3	57.72	56.54	22.5	28.6	95	78	SW 1	NW 1	9	10	------	56.74	55.97	23.8	27.4	95	75	WSW 1	WSW 3	10	10	3.3
4	56.95	56.82	23.2	25.8	92	88	SW 2	WSW 2	10	10	13.4	56.38	55.66	23.9	27.7	94	81	E 1	WSW 2	10	10	1.1
5	56.39	55.61	23.6	26.4	95	87	NE 1	SW 1	10	10	7.4	56.26	55.19	23.4	31	96	61	Calm	W 3	10	10	13.5
6	56.45	55.41	23.5	27.1	96	75	W 2	SW 3	10	10	23.2	55.68	54.86	24.2	29	97	69	Calm	WSW 3	10	10	3.3
7	55.90	55.83	23.7	25	95	88	Calm	WNW 1	10	10	17.4	54.49	53.68	25.6	29.6	83	67	WSW 2	W 3	10	9	4.5
8	54.98	53.89	23	31.6	96	55	WSW 1	WSW 4	10	10	------	55.18	53.68	23.8	27.5	96	76	Calm	SW 2	10	10	.4
9	54.91	54.79	23.1	30.5	94	71	SW 1	SE 2	10	10	27.5	54.50	53.94	23.5	27.8	95	78	Calm	E 2	10	10	10
10	56.08	55.69	22.2	30.2	95	66	WSW 1	WSW 2	10	10	3.8	56.03	56.23	25.3	29.2	98	74	SW 1	SSE 2	10	10	1.5
11	55.90	55.49	22.6	31.6	96	61	WNW 1	WSW 3	10	7	------	58.84	58.15	23	30.7	95	66	Calm	SE 2	10	6	------
12	56.15	55.20	23.5	32.8	91	51	S 1	WSW 3	10	5	------	60.04	58.02	22.6	31.9	95	56	SW 1	E 2	10	8	.1
13	56.83	56.07	22.8	32.1	93	56	Calm	W 2	10	10	------	57.95	57.20	23.7	25.4	93	91	SSE 1	Calm	5	10	30.6
14	57.07	57.46	23.9	26.6	92	86	SW 1	Calm	10	10	27.4	56.73	56.66	23.2	26.2	97	83	Calm	W 2	10	10	.4
15	57.65	56.99	22.5	27.6	95	79	Calm	SE 2	8	10	.5	56.62	55.97	22.3	31.5	96	57	SW 1	S 3	10	7	3.3
16	58.55	57.36	23.5	30.6	95	70	Calm	ENE 2	10	9	2	57.40	56.40	22.6	30.6	96	67	SW 1	SE 2	10	5	6.9
17	58.36	57.33	23.2	31.6	95	63	SW 1	ENE 2	3	4	------	57.96	56.84	23	31	95	59	SW 1	E 2	7	4	------
18	58.41	57.27	23	28.4	93	80	SW 2	Calm	10	10	------	57.78	56.23	22.4	32.1	95	61	SSW 1	E 2	5	4	------
19	57.54	56.31	22.3	30.5	96	65	WSW 1	ESE 2	4	8	------	57.13	56.32	22.4	30.8	95	70	W 1	E 2	2	10	.6
20	57.48	56.90	23.5	30.6	96	72	SW 1	ENE 2	10	9	.6	57.83	56.42	23	32.2	95	67	WSW 1	NE 3	3	10	16.8
21	57.58	57.13	23	32	95	65	Calm	NE 2	2	10	------	57.64	55.94	23.5	30.6	97	72	WSW 1	E 2	10	10	.2
22	57.84	56.61	24.2	32.4	94	60	WSW 1	ENE 2	6	7	2.9	56.75	55.81	22	30	95	66	WSW 1	W 2	7	10	------
23	57.84	56.49	23.4	32.1	95	60	WSW 1	ENE 2	10	10	19.6	55.64	54.73	24.2	29.3	94	69	Calm	W 3	10	10	7.1
24	58.15	56.94	23.5	28.6	94	80	WSW 1	N 2	10	10	17	53.38	52.99	25.1	27.5	92	81	S 2	WSW 2	10	10	30.2
25	58.43	58.57	22.5	25	96	94	WSW 1	Calm	1	10	55.6	53.16	52.95	26.4	30.6	76	65	SW 1	W 5	10	10	5
26	58.78	58.19	22.5	30.5	96	70	Calm	Calm	9	10	------	54.53	54.14	23.5	32.8	95	50	WSW 1	W 4	10	3	------
27	58.85	58.12	23	25.2	95	89	Calm	W 2	4	10	9.3	56.94	55.61	22	32.2	95	54	W 1	W 2	3	9	------
28	58.75	57.67	23.5	24.9	95	88	WSW 1	W 2	10	10	15.9	56.95	56.13	22.5	31.4	96	57	NW 1	W 2	10	10	7.3
29	58.49	57.35	22	30	97	71	Calm	E 2	10	10	.5	57.08	55.81	24.2	28.1	92	75	W 2	W 2	10	10	11.3
30	58.90	57.99	23.3	31.5	97	64	W 1	E 2	5	10	------	55.87	55.43	26	24.5	94	91	SE 1	S 1	10	10	20.6
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	56.73	56.09	22.8	29.9	97	66	Calm	S 1	10	9	------
Mean	57.43	56.66	23.1	29.3	94.8	72.8	0.8	1.7	8.4	9.3	------	56.63	55.74	23.5	29.6	94.2	69.6	0.8	2.2	8.5	8.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	260.3	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	187.7

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.10	56.75	22.5	29.8	95	71	Calm	NNE 2	10	10	------	57.72	58.26	23.9	23.7	95	94	WSW 1	Calm	10	10	29.3
2	58.64	55.99	22.5	32.7	96	58	SW 1	E 2	2	3	22.4	58.08	57.01	22.5	27.8	97	82	WSW 1	E 2	10	10	11.9
3	56.56	55.43	23	30.6	96	65	SW 1	Calm	10	10	2.8	57.07	56.60	24	29.4	97	76	SW 1	NE 2	10	10	30
4	57.29	56.64	23.9	27	95	90	Calm	NNE 2	7	10	24.9	58.30	57.29	23.5	25.5	95	93	NNW 1	NNW 1	10	10	6.4
5	58.53	57.86	22.2	29.6	96	74	WSW 1	SW 2	0	5	------	57.65	56.99	22.7	26	97	88	WSW 1	W 1	10	10	9.7
6	57.86	57.11	21.6	28.3	96	74	SW 1	NW 1	1	10	.1	56.58	55.58	23.5	29	95	74	Calm	N 2	10	10	2.5
7	57.55	56.71	22.2	30.6	95	62	W 1	E 2	2	4	------	54.68	53.86	26.5	29.8	75	62	WNW 2	NW 3	10	10	.5
8	57.83	57.03	22.5	31	95	65	SSW 1	E 2	2	3	------	54.23	54.60	27	30.4	73	61	SW 2	WSW 3	10	6	1.8
9	58.28	56.87	22.9	31.9	95	64	W 1	SE 2	4	10	------	56.51	55.58	23.2	29	92	67	W 1	NW 2	10	10	------
10	57.35	56.06	23.1	30.4	95	69	WSW 1	S 1	10	10	.6	57.45	56.48	21.9	30.2	96	67	W 1	ENE 1	0	10	------
11	56.56	56.71	22.7	26	95	91	Calm	W 1	10	10	19.5	57.03	56.14	22.4	29	96	73	WNW 1	ESE 1	3	10	32.4
12	57.16	56.64	22.6	29.5	96	72	WSW 1	SE 1	10	10	.5	57.40	56.36	23.7	27	95	77	Calm	W 3	10	10	29.2
13	58.70	58.41	23	26.2	96	85	Calm	NNW 1	4	10	7.9	57.15	56.57	21.5	31.5	95	54	Calm	W 2	4	10	------
14	59.32	58.75	22	28.6	96	76	WSW 1	E 1	4	10	2	57.79	56.69	22	30.5	96	65	SW 1	E 2	3	6	22.1
15	59.42	58.44	22.9	28.5	96	80	SW 1	Calm	10	10	------	57.80	57.28	22.6	30.5	96	74	WNW 1	ESE 1	8	6	35.8
16	58.55	57.09	22.5	29.6	95	72	W 1	E 2	2	10	.2	58.78	58.24	23	29.9	96	75	NW 1	N 1	4	4	3.7
17	57.99	57.24	21.6	27.7	95	82	W 2	Calm	1	10	8.3	59.13	57.99	22.9	28	96	83	Calm	SSW 1	10	10	27.2
18	58.35	58.12	23.5	25.7	94	89	Calm	NNE 2	10	10	12.2	59.10	57.38	23.1	30.2	95	69	Calm	E 2	10	6	19.3
19	58.69	58.23	22.2	29.6	97	70	SW 1	ENE 2	5	10	------	58.52	58.50	23	23.8	94	97	Calm	SSW 1	10	10	232.1
20	59	57.82	21.6	31.1	96	61	SSW 1	ENE 3	4	10	------	58.64	58.48	24.1	25.7	96	92	NNE 2	Calm	10	10	105.4
21	57.79	57.06	22	29.6	94	68	WSW 1	E 2	5	10	------	59.51	58.75	23.7	29.2	94	78	Calm	ENE 2	10	10	------
22	56.98	56.21	22.5	29.5	95	70	WNW 1	E 2	10	10	------	58.18	57.09	22.3	30.2	96	71	SW 1	E 2	4	8	------
23	57.05	55.71	22.6	29.3	95	72	Calm	E 2	10	10	1.8	57.81	57.31	22.9	30.5	96	66	WNW 1	E 3	10	10	------
24	56.95	56.06	23	29	94	71	WSW 1	SE 1	10	10	------	57.68	57.41	23.2	29.5	95	69	SSW 1	SE 3	10	4	------
25	55.99	54.87	22.6	31	96	59	Calm	NE 2	1	5	------	58.13	57.13	23.5	30.5	95	70	SSE 2	E 3	4	5	------
26	55.20	54.52	22.2	29.9	96	75	SW 1	ENE 2	3	7	3.1	58.11	58.26	23.1	25.6	94	84	WSW 1	W 2	8	10	2.8
27	56.16	54.85	22.6	31	95	65	SSW 1	ENE 2	7	4	------	57.54	55.83	22	30.4	96	72	W 1	E 2	7	5	------
28	56.45	55.90	23.6	31.5	95	60	SSW 1	E 2	4	8	21.6	56.45	55.49	23.5	28.2	95	82	SSW 1	NNE 1	10	10	18.8
29	57.20	56.63	23.4	29.2	95	72	Calm	E 2	10	10	------	56.05	56.03	24.2	24.8	97	95	WNW 1	E 1	6	10	17
30	57.71	56.83	23.2	31.5	97	67	SSW 1	E 2	10	7	1.5	57.91	56.89	23	28.5	96	81	SSW 1	ESE 2	3	10	8.5
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	58.58	57.09	22.3	30.8	96	69	WSW 1	E 2	7	10	1.7
Mean	57.64	56.75	22.6	29.5	95.4	71.6	0.8	1.6	5.9	8.5	------	57.60	56.88	23.2	28.6	94.1	76.1	0.9	1.7	7.8	8.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	129.4	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	648.1

MAASIN.

[ϕ=10° 08′ N; λ=124° 50′ E; barometer above sea, 7.3 meters; gravity correction not applied, —1.85 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.57	59.45	23	26.6	91	86	N 1	NE 1	10	10	11.2
2	60.70	59.10	23	28.2	95	83	N 1	SE 1	10	10	------
3	60.53	59.01	22.6	27.1	95	87	N 1	NE 0	10	10	56.7
4	61.47	59.74	23.5	28.6	96	78	N 1	NE 2	10	10	------
5	60.57	58.80	23.8	28.5	93	82	N 1	E 3	10	10	------
6	61.35	59.56	24.8	27.7	92	81	N 1	NE 3	10	10	------
7	60.70	59.23	22	28.7	91	77	N 1	S 1	10	8	------
8	60.74	59.04	23.8	27.7	93	88	N 1	NE 1	10	10	------
9	60.88	59.16	23	28	91	85	N 1	NE 1	10	10	------
10	60.55	58.85	24	28.2	93	84	N 1	NE 1	10	10	29.8
11	62	61.10	24	28	92	83	N 1	W 1	10	10	------
12	62.12	60.06	21	28	89	73	N 1	W 2	8	10	------
13	62.07	60.70	22.6	28.8	93	79	N 1	W 1	8	10	------
14	62.07	60.75	23.8	27	93	84	N 1	S 1	10	10	24.6
15	61.86	60.68	22.2	27.8	89	74	N 1	NE 2	10	10	------
16	62.20	61.55	23.5	26	94	87	N 1	NE 1	10	10	54.6
17	62.55	61.33	23.5	26.4	96	82	N 1	NE 2	10	10	------
18	63.10	61.70	23.8	26	93	87	N 1	S 1	10	10	13
19	62.08	60.16	23.2	27.4	91	81	N 1	W 2	10	10	------
20	61.22	58.82	22.2	27.5	89	81	N 1	WSW 1	10	10	------
21	61.02	59.75	24	26.6	90	86	N 1	W 1	10	10	7.6
22	61.67	60.03	23.2	29	90	78	N 1	NE 2	10	8	------
23	61.50	60.19	21.4	28.6	87	82	N 1	NE 2	7	5	------
24	61.52	59.46	23	28.2	88	72	N 1	NE 2	10	8	------
25	62.17	60.61	23	28	88	70	N 1	E 3	7	4	------
26	62.32	60.49	20.4	28.4	91	75	N 1	W 1	5	8	------
27	61.42	59.85	22.6	29.6	95	81	N 1	W 2	8	5	------
28	60.77	59.56	23	27.5	92	81	N 1	W 2	10	7	------
29	61.67	60.45	21	29.4	93	68	N 1	NE 2	5	6	------
30	61.26	59.99	22.5	28.6	91	80	N 1	S 1	10	7	------
31	61.53	60.43	22.8	29	98	78	N 1	NE 3	5	10	------
Mean	61.49	59.99	22.9	27.9	92	80.4	1	1.6	9.1	8.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	197.5

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	62.10	60.74	22.5	27.8	96	79	N 1	W 1	7	8	------
2	61.82	60.08	22	29	91	68	N 1	NE 2	6	7	------
3	60.52	59.75	21	26.9	91	80	N 1	S 2	6	10	------
4	60.72	59.80	24.5	28.2	91	83	N 1	S 1	8	6	------
5	61.20	59.76	22.4	28.6	95	78	N 1	S 1	10	9	------
6	61.02	59.18	22	28.8	95	72	N 1	NE 3	8	6	------
7	60.88	59.58	21	29.4	91	59	N 1	NE 3	5	8	------
8	62.03	60.02	22.8	29.5	93	66	N 1	NE 3	10	6	------
9	61.70	59.95	22.4	29.8	91	69	N 1	NE 2	6	5	------
10	60.80	59.40	23.9	28.7	91	62	N 1	E 4	10	10	------
11	59.69	58.44	22.6	29.5	95	69	N 1	SE 2	10	10	------
12	59.99	58.68	21.8	28.8	93	72	N 1	S 1	10	10	------
13	60.26	59.22	25.5	30.8	88	59	N 1	NE 2	10	7	------
14	60.08	59.68	23	29.6	91	67	N 1	NE 2	10	10	------
15	62.26	60.08	25	28.8	93	73	N 1	NE 1	10	8	------
16	61.95	60.23	23.5	29.5	87	75	N 1	NE 2	5	5	------
17	61.88	60.30	22.5	29.6	92	72	N 1	NE 3	6	6	------
18	61.26	60.28	23	29.5	91	68	N 1	NE 3	5	8	------
19	62.40	60.80	21.8	27.6	93	81	N 1	SW 2	7	8	------
20	62	60.38	21.5	28.4	91	76	N 1	W 1	7	5	------
21	61.90	59.87	22.5	28.4	94	75	NE 2	W 1	5	6	------
22	62.30	59.80	21.1	29.4	92	62	N 1	NE 4	10	5	------
23	62.20	60.90	21.6	30.2	90	71	N 1	NE 3	6	8	------
24	62.21	60.50	23.5	29.1	96	76	N 1	NE 2	10	10	------
25	62.52	60.43	22	28.8	93	73	N 1	NE 2	10	10	------
26	61.80	60.28	23	28.5	91	73	N 1	SW 2	10	10	------
27	61.30	59.82	22	26.8	93	78	N 1	N 1	10	10	------
28	61.88	59.89	22	27.5	89	77	N 1	W 1	10	10	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	61.45	59.92	22.6	28.8	92	71.9	1	2	8.1	7.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.52	60.35	23.2	26.6	91	80	N 1	SE 2	10	10	------
2	62.35	61.05	24.3	28.8	91	75	N 1	NE 3	10	10	------
3	62.20	61.08	24.5	27	87	93	N 1	NE 3	10	10	------
4	62.95	62.08	23.7	29.8	91	66	N 1	NE 3	10	10	------
5	63.05	61.24	23.1	29.9	90	75	N 1	NE 4	10	5	------
6	62.35	60.60	23.8	30.4	89	76	N 1	W 1	5	10	------
7	61.88	60.14	25.6	30.2	92	73	N 1	NE 4	10	8	------
8	62.02	61.45	24.4	29.8	92	67	N 1	NE 4	6	7	------
9	62.85	61.03	24	30	91	71	N 1	NE 4	10	8	------
10	62.73	61.28	25	29.4	87	72	N 1	W 2	7	8	------
11	63.15	60.46	22.2	30	91	71	N 1	NE 2	10	5	------
12	61.30	59.73	25.2	29.5	90	71	N 1	SE 2	10	8	------
13	61.35	60.17	23.4	29.8	92	77	N 1	SE 2	8	7	------
14	61.86	59.95	24	29.2	91	76	N 1	SE 3	8	5	------
15	62.16	59.84	22.5	29.8	96	70	N 1	NE 3	7	6	------
16	61.80	59.82	22.5	29.2	94	74	N 1	NE 3	10	7	------
17	61.56	59.83	24.2	29.4	90	76	N 1	SE 2	10	5	------
18	61.80	60.78	23.5	29	91	79	N 1	W 2	5	8	------
19	62.67	61.70	24.2	27.8	86	80	N 1	W 1	10	10	------
20	62.70	60.05	23.4	27.6	90	80	N 1	W 1	10	10	------
21	61.51	59.94	23.1	29.4	89	75	N 1	NE 2	10	10	------
22	61.03	59.94	25.6	29.8	84	69	NE 1	E 3	6	8	------
23	61.87	59.60	24.4	30.3	88	60	N 1	E 3	10	6	------
24	62.82	60.46	23.6	30.3	93	72	N 1	W 1	10	8	------
25	62.07	59.92	24	30	91	71	N 1	S 1	10	8	------
26	60.57	59.33	23.1	28.5	92	77	N 1	S 1	7	8	------
27	61.25	59.82	24.4	30.8	90	65	N 1	E 3	10	5	------
28	61.53	59.88	25.2	28.4	90	75	N 1	NE 1	10	10	7.1
29	61.50	59.95	24.5	28	89	76	N 1	S 1	10	10	------
30	61.69	60.73	24.5	26.2	90	82	N 1	N 1	10	10	------
31	61.17	59.40	24.1	30	91	65	N 1	E 3	8	8	------
Mean	61.98	60.37	24	29.2	90.3	73.8	1	2.3	8.9	8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	7.1

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.96	58.60	26	30.4	96	69	N 1	E 3	10	5	------
2	60.66	58.84	26.2	30.3	86	68	N 1	E 3	6	4	------
3	60.83	59.48	26.5	29.5	84	78	N 1	E 3	8	5	------
4	61	59.53	26.2	30.3	82	70	E 2	E 3	6	4	------
5	61.86	59.59	26.2	30.8	79	69	N 1	SE 2	10	5	------
6	62.63	60.49	25.6	30.6	84	73	N 1	E 3	10	5	------
7	61.85	60.18	23.6	29.6	93	70	N 1	SE 2	10	5	------
8	61.88	59.99	25.1	30.5	91	74	N 1	NE 2	8	10	12.4
9	61.70	59.83	25.6	30.8	93	67	N 1	E 3	8	6	------
10	61.38	60	26	30.1	92	75	N 1	E 3	10	5	2.8
11	60.80	59.60	25.8	30.4	93	68	N 1	E 3	10	5	------
12	60.60	59.48	25.6	31	91	67	N 1	E 3	10	5	16.5
13	60.73	59.78	25.4	29.2	95	83	N 1	E 2	10	10	------
14	60.85	59.82	26	31	92	65	N 1	NE 2	7	6	------
15	60.90	58.93	26.2	31	90	68	N 1	E 3	8	5	------
16	60.03	58.63	26	28.6	94	80	N 1	W 2	7	10	------
17	59.02	57.18	25.4	29.6	88	81	N 1	SE 3	7	6	------
18	58.80	57.73	26.2	30.8	90	71	N 1	E 3	10	5	------
19	59.85	58.39	26.4	31.1	90	71	N 1	E 3	8	6	------
20	60.65	59.03	26	31	92	71	N 1	E 3	10	5	------
21	60.81	58.17	25	30.2	92	74	N 1	E 3	10	10	------
22	60.05	58.28	25	30	92	74	N 1	E 5	7	5	------
23	59.98	59.50	26	28	94	83	N 1	NE 2	10	10	------
24	60.27	58.98	23.8	30.2	93	70	N 1	E 2	10	6	------
25	60.05	58.65	25.4	28.1	93	79	N 1	SW 2	10	10	------
26	59.65	58.65	25.2	31.1	90	71	N 1	SE 1	10	5	------
27	59.92	58.78	25.6	30	90	74	N 1	SE 2	10	6	------
28	59.07	58.08	25.8	29.5	93	83	N 1	W 2	10	10	------
29	59.65	57.13	24.8	29.8	93	73	N 1	W 2	10	10	------
30	59.15	57.25	25	29.5	92	79	N 1	W 1	10	10	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.52	58.95	25.6	30.1	90.6	73.3	1	2.5	9	6.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	31.7

MAASIN.

[ϕ=10° 08′ N; λ=124° 50′ E; barometer above sea, 7.3 meters; gravity correction not applied, −1.85 mm.]

Day.	MAY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.07	57.12	26	30.8	92	76	N 1	W 2	10	10	------
2	58.60	56.58	25.8	30.6	93	72	N 1	S 1	10	8	------
3	58.85	57	26	29.8	89	71	N 1	SE 2	10	10	------
4	58.81	55.92	26.2	30.7	86	61	N 1	E 3	10	8	------
5	58.32	56.07	24.4	30.5	91	66	N 1	S 1	10	8	------
6	58.12	57.27	26.4	30.8	89	64	N 1	E 3	10	5	------
7	57.75	56.92	27	30.4	90	69	E 2	E 3	7	6	------
8	57.46	56.65	27.4	30.5	86	65	E 2	E 2	10	6	7.6
9	57.75	57.08	25.8	31	92	72	N 1	SE 2	10	10	11.4
10	58.07	56.28	26	28.5	92	84	N 1	W 1	10	10	------
11	58.35	56.88	26.1	30	91	85	N 1	SE 2	10	6	------
12	58.62	57.05	26.6	30.6	88	78	N 1	E 2	10	10	------
13	59.20	57.18	25.6	30.6	87	81	N 1	S 2	10	8	30.5
14	59.02	57.25	26.4	30	94	81	N 1	S 1	10	10	7.9
15	58.95	57.71	26	29.5	92	84	N 1	S 2	10	10	------
16	58.34	56.78	26.2	29.5	92	86	N 1	S 2	10	8	------
17	58.70	57.63	26.8	29.7	90	80	E 2	SE 2	10	8	------
18	59.83	57.92	27	29.8	90	77	N 1	S 1	10	7	------
19	60.50	58.35	27.4	30.5	89	75	N 1	S 2	5	8	------
20	60.28	57.07	26.8	29.5	89	78	N 1	S 1	10	10	19.6
21	59.50	56.99	25.8	29.1	93	86	N 1	SE 2	10	10	21.8
22	58.53	57.63	24	28.7	86	84	N 2	SE 2	10	10	44.1
23	59.42	57.95	25	29.6	92	77	N 1	S 1	10	10	------
24	59.31	58.18	26.5	29.2	84	76	N 1	S 1	10	10	------
25	60	58.85	26.8	30.6	82	77	N 1	S 1	10	5	------
26	60.23	58.02	27	30.2	92	81	N 1	S 2	10	8	------
27	59.95	58.32	26.2	30.6	92	81	N 1	S 2	10	10	------
28	60.34	58.28	27	30.4	84	84	N 1	S 1	10	8	------
29	60.25	58.45	26.6	30.7	89	78	N 1	S 1	10	8	------
30	58.95	56.95	27	30.4	87	82	N 1	S 1	10	7	------
31	57.91	56.92	26.5	30.9	91	75	N 1	S 1	10	8	------
Mean	59	57.33	26.3	30.1	89.5	77	1.1	1.7	9.7	8.4	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	142.9

Day.	JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.95	57.28	26.8	31.2	87	75	N 1	S 2	8	6	------
2	59.72	57.36	26.6	32	87	73	N 1	S 1	10	6	------
3	59.37	57.70	27	30	88	71	N 1	NE 1	10	10	------
4	59.22	57.47	26	31	89	72	N 1	S 2	10	6	------
5	58.20	57.18	26.8	30.2	87	82	N 1	SE 2	10	8	------
6	58.92	58.05	26.6	29.6	92	77	N 1	E 3	10	10	17.3
7	59.67	56.71	26	31.8	92	70	N 1	E 2	10	10	------
8	58.07	55.89	25.5	30.5	88	78	N 1	S 1	10	8	------
9	57.20	55.97	25.8	29.5	90	81	N 1	S 1	10	10	------
10	56.60	55.68	25.6	30.3	91	78	N 1	SSE 1	10	10	------
11	56.63	55.95	25.8	30.6	88	74	N 1	S 2	10	8	------
12	57.77	56.83	26.5	29.8	84	78	N 1	S 1	10	10	------
13	57.90	56.90	26.1	28.2	88	83	N 1	S 1	10	10	4.1
14	57.35	56.02	25	31	92	72	N 1	E 3	10	8	------
15	57.53	56.58	25.3	31.5	90	70	N 1	E 2	10	7	------
16	58.20	57.62	27	30	90	77	E 2	E 3	10	10	------
17	58.75	57.16	27.4	31	91	72	SE 2	E 2	10	8	------
18	57.78	57.22	27.4	30.8	91	77	N 1	E 2	10	10	------
19	57.65	56.20	27	30	92	81	N 1	SE 2	10	10	------
20	57.17	55.32	27.2	32	90	66	E 1	N 1	10	8	------
21	57.78	56.71	26.2	31.5	90	66	N 1	E 1	10	7	------
22	58.21	57.05	26	27	92	87	N 1	NE 2	10	10	8.2
23	58.05	56.10	25.5	28.4	95	82	N 1	NE 1	10	10	12.7
24	57.53	56.53	25.1	29.5	95	76	N 1	E 2	10	10	17.5
25	58.10	57.02	25	28	92	80	N 1	W 1	10	10	------
26	58.57	57.20	27	29.6	89	84	SW 1	SE 1	10	7	3.8
27	58.47	57.69	26.2	30	92	82	N 1	S 1	10	10	54.4
28	59.27	58.46	24.5	26	96	92	N 1	W 1	10	10	15.5
29	59.55	58.31	25.6	29.4	92	82	N 1	S 1	10	10	4.3
30	59.96	58.38	26.5	29.4	93	81	N 1	S 1	10	10	------
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	58.24	56.95	26.2	30	90.4	77.3	1.1	1.6	9.9	8.9	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	137.8

Day.	JULY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.09	57.73	25.7	29.8	87	79	N 1	S 1	10	9	------
2	58.62	57.57	26	30	92	82	N 1	S 1	10	8	------
3	58.38	56.18	26	29.4	94	86	N 1	S 1	10	6	------
4	58.52	57.53	25.8	31.2	93	76	N 1	S 1	10	8	------
5	59	58.32	26.4	27.4	90	86	N 1	S 1	8	10	25.9
6	59.18	58.16	26.2	28.2	90	83	N 1	S 1	10	10	------
7	58.87	58.10	25	29.4	93	78	N 1	S 1	10	7	------
8	59.47	58.18	26	31.2	89	72	N 1	S 1	10	8	------
9	59.90	58.78	26	32	92	79	N 1	W 1	10	7	------
10	59.60	58.15	25.8	31.2	93	73	N 1	W 1	10	6	------
11	59.10	58.58	26	28.6	94	83	N 1	E 2	10	10	------
12	59.07	57.76	24.5	26.5	91	90	N 1	S 1	10	10	4.6
13	58.24	56.83	24.3	29	92	81	N 1	S 1	8	10	------
14	57.57	56.33	24.5	30.1	92	77	N 1	NE 1	10	10	------
15	57.20	56.09	25.6	29.7	90	77	N 1	E 2	10	10	------
16	58.22	57.35	25	28.7	93	77	N 1	W 1	10	10	------
17	57.88	56.38	26.2	29.6	92	81	N 1	W 1	10	10	------
18	57.09	55.42	24.6	30.6	93	84	N 1	SSE 2	10	7	------
19	56.81	55.27	26	30.8	90	80	N 1	SE 2	8	6	------
20	56.66	55.38	27	31	92	80	N 1	S 1	10	5	53.8
21	57.67	56.67	24.9	29.8	92	79	N 1	S 1	10	10	51.6
22	59.43	57.12	24.6	29.8	93	78	N 1	S 1	10	10	------
23	59.11	57.67	26	30.5	94	78	SW 2	SW 2	10	10	------
24	57.50	55.84	26	30	92	82	SW 2	SW 3	10	10	------
25	57.45	56.06	25.8	28.1	85	84	SW 3	SW 4	10	10	------
26	57.35	55.49	26.6	29	92	86	SW 2	SW 4	10	10	9.7
27	56.72	55.95	27	29	90	78	SW 8	SW 4	10	10	10.2
28	55.85	53.86	25.6	29	91	83	SW 3	SW 4	10	10	------
29	54.52	53.48	26.2	27.8	90	88	SW 4	SW 4	10	10	13.7
30	55.16	55.29	26.4	27.5	92	85	SW 3	SW 3	10	10	------
31	56.79	55.65	27	28.6	90	89	SW 2	SW 2	10	10	------
Mean	57.97	56.68	25.8	29.5	91.4	81.1	1.5	1.8	9.8	8.9	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	169.5

Day.	AUGUST.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.31	56.45	26	29.6	94	85	N 1	S 1	10	10	------
2	57.96	56.65	26	29.6	93	84	N 1	S 2	10	10	------
3	58.23	56.70	25.3	30	93	82	N 1	SW 2	10	9	------
4	57.38	56.37	26	30	94	82	N 1	SW 2	10	7	54.6
5	58.22	57.26	25	29.2	93	82	SW 1	SW 3	10	10	------
6	58.25	57.60	26	29.4	92	82	SW 2	S 1	10	10	------
7	59.07	58.10	26.6	29.8	94	79	N 1	SW 1	6	5	19.8
8	58.71	56.35	25.3	29.5	93	89	SW 2	SW 2	10	5	------
9	57.61	55.95	27	30	88	77	SW 3	SW 3	10	8	------
10	58.52	57.27	26	30	94	80	SW 1	SW 3	7	8	------
11	59.67	57.70	26	29.8	92	82	SW 1	SW 2	10	10	------
12	59.56	57.54	26	29.6	94	81	N 1	SW 3	10	8	------
13	58.63	56.60	25.6	29.9	95	83	N 1	SW 2	10	7	------
14	58.85	56.48	25.6	29.8	93	83	N 1	SW 2	10	10	------
15	58.13	57.50	25.7	30.5	94	78	N 1	S 2	10	10	------
16	59.46	57.28	24	29.2	91	76	N 1	W 1	10	10	21.1
17	57.82	56.08	25.3	29.2	91	75	N 1	W 1	10	10	20.6
18	56.51	55.32	25	27.4	92	83	N 1	N 1	10	10	8.6
19	56.52	55.44	25.7	28.9	90	78	SW 2	SW 3	10	10	------
20	56.62	55.80	26	30	92	77	SW 2	SW 3	10	10	4.3
21	57.29	56.63	27	29.6	92	85	N 1	SW 2	10	10	------
22	58.17	56.75	26	29.9	94	84	N 1	SW 2	10	10	------
23	57.37	56.54	26.2	29.9	90	82	SW 1	SE 2	10	10	------
24	58.65	56.78	25.8	29.1	93	84	N 1	S 2	10	10	4.8
25	58.82	57.68	26	29.6	92	78	N 1	S 1	10	10	16
26	60.11	58.16	24.6	29.1	95	80	N 1	S 1	10	10	5.3
27	61.10	59.15	24.4	28.8	93	83	N 1	SE 1	10	8	------
28	60.43	58.78	25.2	29.9	93	75	N 1	S 1	10	8	------
29	59.75	57.69	25.4	30.8	90	76	N 1	S 1	10	6	------
30	59.32	57.88	25.8	29.5	88	84	N 1	S 1	10	10	------
31	58.57	57.65	25.2	29.2	90	86	N 1	S 2	10	8	------
Mean	58.47	57.04	25.7	29.3	92.3	81.1	1.2	1.8	9.8	8.9	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	155.1

MAASIN.

[ϕ=10° 08′ N ; λ=124° 50′ E ; barometer above sea, 7.3 meters ; gravity correction not applied, —1.85 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.42	56.85	24.4	29	93	86	N 1	S 2	10	10	------
2	58.47	56.42	25.3	30.2	93	77	N 1	SW 2	10	10	------
3	57.95	56.27	25.5	27.2	93	90	N 1	SW 2	10	10	41.7
4	57.31	56.32	26	25	94	92	SW 2	N 1	10	10	14.2
5	56.87	55.23	27	28.8	87	79	SW 3	SW 3	10	10	36.1
6	56.55	55.34	25.4	29	88	78	SW 1	SW 4	10	10	13.2
7	56.10	54.70	26.6	29.8	87	82	SW 4	SW 3	10	10	------
8	56.27	54.40	27	29.8	87	84	SW 3	SW 3	10	10	------
9	56.30	55.02	27.6	29.4	87	85	SW 2	SW 3	10	10	------
10	56.76	56.25	27.2	28.5	89	81	SW 3	SW 4	10	10	3.6
11	56.70	55.65	26	29.8	94	82	N 1	SW 3	10	10	7.4
12	57.17	55.65	26.5	30	88	78	SW 1	SW 3	10	10	13.7
13	57.55	56.20	25.6	29.8	93	83	N 1	SW 2	10	10	------
14	57.75	56.78	25	29.7	93	83	N 1	S 1	10	10	72.4
15	59.03	57.13	24	28.4	95	82	N 1	S 2	10	10	------
16	59.32	57.11	24.1	28.2	92	83	N 1	S 1	10	10	4.1
17	58.52	57.08	24.6	29.4	87	78	N 1	W 1	8	8	7.9
18	58.29	56.83	24.1	29.3	92	80	N 1	S 2	10	7	------
19	58.40	56.20	25	29.2	92	82	N 1	S 1	8	10	------
20	58.61	56.70	26	30.1	94	83	N 1	S 2	10	8	------
21	58.92	56.90	25.5	28.1	91	91	N 1	W 1	7	10	11.7
22	58.01	56.50	25.2	29.6	91	84	N 1	W 1	10	8	------
23	58.38	56.08	25	30.2	92	77	N 1	SW 1	10	8	------
24	58.30	56.95	25.2	29.6	91	82	N 1	SE 2	7	5	------
25	59.11	57.88	25	29.9	93	80	N 1	S 1	10	8	6.1
26	59.35	57.70	25.4	29.6	92	85	N 1	S 1	10	10	------
27	59.30	57.98	25.8	28.5	92	83	N 1	S 1	10	10	7.1
28	59.64	57.83	25	30	92	78	N 1	SSE 1	8	10	------
29	59.63	58.03	25.5	29.6	89	82	N 1	S 1	10	10	------
30	59.07	57.90	25.2	31	90	76	N 1	S 1	8	8	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.07	56.53	25.5	29.2	91	82.2	1.4	1.9	9.5	9.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	239.2

OCTOBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.41	57.93	25.6	31	95	75	N 1	W 1	10	8	27.2
2	57.47	55.33	25	27.8	93	86	N 1	NW 1	10	10	49
3	57.24	54.90	24.2	28.4	95	89	N 1	W 1	10	10	33.3
4	57.17	55.16	24	29.3	93	81	N 2	SW 3	10	10	------
5	56.88	55.01	25.3	26.6	92	89	N 1	SW 1	10	10	58.1
6	56.57	54.65	26	27.9	94	85	SW 4	SW 3	10	10	------
7	56.05	54.92	26.2	27.4	90	86	SW 2	SW 3	10	10	9.7
8	57.31	55.95	25.1	26.8	94	87	SW 4	SW 3	10	10	10.4
9	57.44	55.73	24.4	28.9	91	76	N 1	S 1	10	10	------
10	58.05	56.68	25.2	30	92	85	N 1	S 2	10	8	------
11	59.82	58.13	25	29.5	95	84	N 1	S 1	10	10	------
12	60.41	57.81	24.8	27.4	95	85	N 1	E 2	10	10	------
13	57.97	56.15	24.6	26.5	95	92	N 1	E 1	10	10	31.7
14	58.09	56.31	24.3	28	95	91	N 1	S 1	10	10	------
15	58.15	57.08	25	29.9	93	84	N 1	S 1	10	10	------
16	58.95	57.70	25.1	29	92	85	N 1	S 1	10	10	------
17	58.77	56.63	25.2	29.8	92	87	N 1	SE 1	10	8	------
18	58.44	56.35	25	29.4	85	82	N 1	S 1	10	8	4.8
19	57.72	56.30	24.8	29.6	88	82	N 1	S 1	10	8	------
20	58.45	55.98	25	30.3	93	79	N 1	S 1	10	8	------
21	57.84	56.23	24.5	28.2	92	91	N 1	S 1	10	10	------
22	56.42	54.42	25	26.2	96	91	N 1	NW 3	10	10	27.1
23	54.40	54.17	26.6	26.2	92	94	SW 3	SW 2	10	10	27.2
24	55.59	54.08	28	30	85	82	SW 3	SW 3	10	10	14.7
25	56.30	53.95	26	30.6	97	71	SW 3	SW 4	10	10	------
26	56.32	54.93	25.2	30	93	82	N 1	SW 3	10	10	------
27	57.07	54.60	26.1	27.6	93	91	N 1	SW 2	10	10	16.8
28	57	54.88	27.2	28.6	87	85	SW 2	SW 4	10	10	------
29	56.63	56.16	27.2	28.6	89	84	SW 3	SW 3	10	10	------
30	56.97	56.63	27	29.8	87	81	SW 2	S 2	10	10	------
31	58.75	56.42	25.9	32	93	72	N 1	S 1	10	10	------
Mean	57.54	55.84	25.4	28.8	92.1	84.3	1.6	1.9	10	9.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	310

NOVEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.38	57.17	26.2	31.5	94	78?	N 1	S 2	8	10	------
2	58.24	55.55	24.8	30.4	88	76	N 1	NW 1	10	10	40.1
3	54.94	55.14	26	29.2	92	85	SW 2	SW 4	10	10	------
4	59.29	57.38	26.7	33	90	69	SW 2	S 1	10	4	------
5	59.37	56.88	25.5	30.4	92	82?	N 1	NW 1	7	5	------
6	58.44	56.38	25	30.8	87	70	N 1	S 1	6	10	------
7	58.13	56.45	25	32	89	72	N 1	S 1	10	8	------
8	58.33	56.88	25.8	31	85	79	N 1	N 1	7	10	------
9	58.31	55.78	25	32	89	70	N 1	NW 1	10	10	13
10	57.35	56.70	26.2	29.8	92	82	SW 1	SE 2	10	10	------
11	58.37	56.98	25.6	30.4	95	80	N 1	S 1	10	9	9.7
12	58.89	57.02	24.4	32	91	-----	N 1	SE 2	8	8	------
13	60.16	57.55	25	31.4	88	75	N 1	NE 1	10	10	------
14	60.37	58.38	24.7	31.4	92	76	N 1	W 1	8	10	------
15	60.19	58.07	24.5	30.8	91	71	N 1	S 1	8	10	------
16	58.97	57.15	25.2	30.2	90	75	N 1	S 1	10	8	6.4
17	58.62	56.38	25.2	31.6	88	72	N 1	S 1	10	8	8.4
18	59.93	58.32	23.6	28.5	95	74	N 1	NE 2	10	10	16.3
19	60.13	57.55	23.9	27.5	92	88	N 1	S 1	10	10	------
20	59.64	57.63	24.2	29.4	93	85	N 1	S 1	10	10	16.8
21	58.41	56.84	24.5	29	96	78	N 1	NW 1	8	10	------
22	57.26	55.85	24	27	95	88	N 1	N 1	10	10	24.9
23	57.52	55.80	24.8	28.8	93	89	N 1	NW 1	7	10	------
24	57.33	55.94	24.2	31.4	93	76	N 1	S 1	10	10	------
25	58.22	55.50	24	29.5	93	85	N 1	S 1	10	8	------
26	58.44	56.75	24.2	29.8	93	84	N 1	SE 1	8	8	------
27	57.57	56.04	24.5	29.4	92	85	N 1	S 1	8	6	------
28	57.42	55.38	25.1	32.2	94	70	N 1	W 1	7	7	------
29	57.70	56.43	25.2	32.5	92	69	N 1	WSW 1	10	8	------
30	58.26	56.68	24.6	31.5	92	73	N 1	S 1	10	7	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.51	56.68	24.9	30.5	91.5	77.8	1.1	1.2	9	8.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	135.6

DECEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.63	56.37	25.2	31.8	87	70	N 1	W 1	10	10	------
2	58.49	56.20	24.6	31	87	71	N 1	W 1	10	10	------
3	57.87	56.48	24.5	29.9	89	75	N 1	S 1	10	10	------
4	58.07	56.65	24	29.5	91	78	N 1	S 1	10	8	12.7
5	57.54	53.38	24	26.5	92	96	N 1	NW 2	10	10	99.1
6	54.28	52.09	24	26	93	84	NW 3	NW 3	10	10	14.7
7	55.03	54.46	27	30	88	78	SW 3	SW 3	10	10	------
8	56.62	55.60	26.5	30.6	84	76	SW 2	SW 2	10	10	------
9	57.44	55.93	25	32	92	72	N 1	S 1	10	9	------
10	57.79	56.38	24.6	31.5	92	75	N 1	S 1	10	10	------
11	57.82	56.33	24.8	30.8	88	77	N 1	S 1	10	8	------
12	58.34	56.31	24.5	32.5	91	68	N 1	S 1	10	10	12.2
13	58.09	55.81	23.6	31.4	95	72	N 1	S 2	10	10	------
14	57.94	56.33	25	31	95	75	N 1	S 1	10	10	------
15	58.02	56.74	24	30	96	81	N 1	W 1	10	10	------
16	58.79	57.24	24.5	31.5	91	74	N 1	S 1	10	10	------
17	58.57	56.95	24.1	30.6	94	77	N 1	S 1	10	10	------
18	58.67	57	24.5	30.2	96	77	N 1	S 1	10	8	------
19	58.87	57.97	23.6	26	93	89	N 1	N 1	10	10	11.2
20	59.52	58.45	24	30.5	91	78	N 1	NW 1	10	10	------
21	59.92	58.27	25.1	28.4	91	85	N 1	W 1	10	10	44
22	58.69	56.62	24.4	28	90	85	N 1	W 1	10	10	19.8
23	58.37	57.35	24.4	26.8	93	90	N 1	N 1	10	10	14
24	58.69	57.19	23.6	29.6	95	77	N 1	NE 1	10	10	7.1
25	58.63	56.51	24	30	91	78	N 1	NE. 1	10	10	------
26	58.07	56.56	24.5	27.4	91	95	N 1	NE 1	10	10	22.4
27	57.57	55.58	24.6	32	95	72	N 1	S 1	10	8	------
28	57.05	55.78	25.4	31.8	93	70	N 1	S 2	10	7	------
29	57.52	55.87	25	32.5	92	73	N 1	SE 2	8	7	------
30	58.26	56.01	25	29	92	78	N 1	S 1	10	10	14.7
31	58.60	56.51	25.2	28	90	85	N 1	N 1	10	10	74.9
Mean	57.99	56.29	24.6	29.9	91.5	78.4	1.2	1.3	9.9	9.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	346.8

SAN JOSE BUENAVISTA.

[ϕ=10° 44′ N; λ=121° 55′ E; barometer above sea, 5.4 meters; gravity correction not applied, —1.84 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure. 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.33	58.71	20.4	32.3	87	52	Calm	W 1	2	5	------	61.81	60.42	23.3	31.1	80	58	Calm	NW 1	10	1	------
2	59.97	58.82	21.5	32.5	87	63	Calm	W 1	1	2	------	60.92	59.96	21	31.4	77	56	Calm	NW 1	2	1	------
3	59.46	59.32	22.1	30.5	86	54	NE 1	NW 1	6	10	------	59.89	59.84	19	31.1	72	49	NNE 1	NW 1	2	2	------
4	60.44	59.52	24.5	30.5	83	63	Calm	NW 1	10	10	------	60.43	59.47	19.8	31	82	53	NNE 0	NW 1	2	1	------
5	60.80	59.39	24.4	30.1	86	68	Calm	Calm	10	10	------	61.34	59.72	20.4	31.6	82	59	NE 1	NW 1	4	1	------
6	60.81	59.25	23.7	31.4	86	66	Calm	NNW 1	8	4	------	60.63	59.19	22.5	32.5	75	58	Calm	NW 2	10	3	------
7	59.92	59.15	24	31.7	87	71	NNE 0	W 1	5	9	------	59.93	59.01	20	31.5	91	56	NE 0	W 2	2	5	------
8	60.20	59.26	23.1	31.9	86	60	NE 0	W 1	9	2	------	60.95	59.91	18.3	30.8	82	54	NE 0	NNW 2	8	5	------
9	60.27	58.82	21.5	32	95	61	Calm	NW 1	7	7	------	61.02	60.21	19.2	30.9	84	57	Calm	NW 2	8	1	------
10	60.24	59.98	25	27.8	92	76	Calm	N 1	10	9	2	60.31	59.06	18.4	31.9	86	52	Calm	NW 1	8	8	------
11	61.55	60.92	23.5	30.9	91	60	NE 0	NW 1	10	10	------	59.08	58.45	21.8	31.5	80	56	Calm	NW 2	5	9	------
12	61.35	60.22	20.1	32	93	52	NNE 1	NW 1	8	5	------	59.54	58.61	21.9	32.7	84	57	Calm	NW 1	7	5	------
13	62.56	61.16	18.9	30.5	82	51	NE 1	NW 1	3	7	------	59.72	58.51	21.6	32.1	80	56	Calm	NW 1	5	5	------
14	61.83	60.40	22.1	31.5	77	49	Calm	N 0	9	10	------	59.68	59.49	20.5	31.5	74	48	Calm	NW 2	9	9	------
15	61.26	60.02	23.5	33.9	84	36	Calm	E 3	7	8	------	61.03	59.69	26	33.5	64	45	NE 1	NNW 2	7	4	------
16	62.38	61.09	24.4	32	76	48	NE 2	NNW 2	9	9	------	61.64	59.95	20.5	31	77	50	Calm	W 2	8	3	------
17	63.70	60.85	23	33.4	76	40	NNE 1	E 3	7	10	------	61.59	60.21	20.3	31.5	79	46	Calm	NNW 2	3	5	------
18	62.81	61.47	25.5	28.1	77	74	NE 1	N 1	10	10	.3	61	60.40	20.9	30.6	70	52	NNE 0	NW 2	8	3	------
19	61.35	60.12	22.5	31.6	90	59	Calm	SW 1	7	7	------	62.02	61.19	20.3	31	79	50	NE 0	NW 1	8	2	------
20	60.93	58.96	21	31	91	62	Calm	W 1	2	2	------	61.13	60.18	19	30.9	81	49	Calm	NW 2	7	1	------
21	60.67	59.72	21.6	30.6	89	65	Calm	SW 1	8	8	------	61.25	60.05	20.1	33	75	47	Calm	NW 2	6	3	------
22	61.37	60.10	22.5	29.6	88	72	Calm	NW 0	5	10	------	61.59	59.81	21.6	31.1	73	53	Calm	WNW 2	6	10	------
23	60.48	59.52	21.5	32	90	63	Calm	NW 1	3	2	------	61.53	60.22	20.5	33.2	78	48	Calm	NW 2	3	5	------
24	60.19	58.83	21	30.5	90	62	Calm	NW 1	2	6	------	61.35	59.60	23.5	32	68	53	Calm	NNW 2	7	6	------
25	61.09	60.42	19.5	31.4	90	57	Calm	NW 1	2	1	------	61.02	59.45	21.7	31.5	76	57	Calm	NNW 1	5	8	------
26	61.02	60.24	19.3	31.1	87	56	Calm	NW 1	3	1	------	60.71	60.52	21.4	30	83	65	Calm	NNW 1	10	9	------
27	60.65	60.16	20	31.3	86	55	NE 0	NW 1	2	2	------	60.81	60.13	22	30	81	65	NE 1	NW 1	5	9	------
28	60.35	60.03	20	30.6	82	58	Calm	NW 2	5	8	------	60.73	59.28	20.9	32.5	84	58	Calm	SW 1	2	8	------
29	60.57	59.92	21.9	31.3	86	61	NE 0	NW 2	4	4	------	------	------	------	------	------	------	------	------	------	------	------
30	60.45	59.92	20	31.2	82	51	NE 0	NNW 2	5	1	------	------	------	------	------	------	------	------	------	------	------	------
31	61.24	60.20	19.1	32.4	86	55	Calm	NNW 1	4	1	------	------	------	------	------	------	------	------	------	------	------	------
Mean	60.98	59.89	22	31.2	86.1	58.7	0.2	1.2	5.9	6.1	------	60.81	59.73	20.9	31.6	78.5	53.8	0.1	1.5	6	4.7	------
Total	------	------	------	------	------	------	------	------	------	------	2.3	------	------	------	------	------	------	------	------	------	------	0

Day.	MARCH.											APRIL.										
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.36	59.69	22.5	31.5	75	52	Calm	WNW 1	4	2	------	60.18	58.62	25.6	32.5	82	63	NNE 1	NNW 3	2	5	------
2	61.16	60.75	24.5	33.3	79	54	Calm	NW 1	10	5	------	59.96	59.07	25.6	34.4	88	60	Calm	SW 2	3	5	------
3	61.36	60.71	21.6	31.6	81	51	Calm	NNW 1	7	3	------	60.31	59.70	25.6	34.5	87	60	Calm	SW 2	4	3	------
4	61.99	61.55	22	32.6	82	52	Calm	NW 1	6	1	------	60.79	59.70	25.2	33.5	86	58	NNE 0	W 1	3	4	------
5	62.09	61.33	22	32	88	58	Calm	NW 1	8	6	------	61.29	59.51	25	33.6	83	58	NE 0	NW 2	4	4	------
6	61.74	60.45	19.7	33.1	79	55	Calm	W 1	4	4	------	61.63	60.08	23.5	34.1	76	46	NE 1	W 1	4	1	------
7	61.21	60.30	21.6	33.4	81	57	Calm	SW 1	5	10	------	61.08	60.28	23	33.4	71	57	NE 1	NW 1	4	1	------
8	61.23	60.94	22.7	33	82	61	Calm	WSW 1	6	4	------	60.87	59.21	23.6	33.5	83	54	Calm	NW 1	2	1	------
9	62.04	60.55	22.9	32.6	80	52	Calm	W 1	3	3	------	60.40	59.71	25.5	33.6	69	50	Calm	W 2	1	5	------
10	61.88	61.30	22.1	33	81	58	Calm	WSW 1	4	2	------	60.40	59.03	24.6	33.4	76	53	Calm	NW 2	1	3	------
11	62.16	60.11	22.5	31.9	83	60	Calm	WNW 1	7	3	------	59.70	58.29	24.5	32.7	76	54	Calm	WNW 2	7	1	------
12	60.27	59.18	21	32.6	87	52	Calm	NW 1	10	6	------	59.58	59.01	23.2	33.5	78	53	Calm	NNW 2	7	4	------
13	60.82	60.71	23.1	32.4	82	60	Calm	W 1	10	7	------	60.22	59.61	24	33.4	76	48	Calm	NNW 2	8	5	------
14	61.59	60.35	21.6	33.6	81	50	Calm	W 1	5	1	------	59.99	59.38	25.3	34.1	70	53	Calm	WNW 1	5	1	------
15	61.54	60.35	22.5	33	79	57	NE 0	W 1	2	5	------	59.55	58.63	24.4	32.8	76	59	Calm	NW 2	2	2	------
16	60.68	59.68	23.1	31.6	83	56	Calm	NW 2	4	2	------	59.29	58.36	25.1	33.3	72	60	Calm	NNW 1	3	10	------
17	60.76	60.09	25	31.8	73	61	Calm	NW 1	10	6	------	58.05	57.47	24.5	32.1	75	59	NE 1	W 2	2	6	------
18	61.21	60.91	24	30.1	87	64	Calm	W 1	5	10	------	58.31	57.91	24.1	33	75	58	NNE 0	NW 2	2	8	------
19	61.94	61.46	24.1	32.5	82	61	Calm	WSW 1	5	5	0.3	59.05	58.34	24.6	34	80	51	Calm	W 1	2	3	------
20	61.95	60.48	23.7	33	90	55	NE 0	W 1	5	9	------	59.81	58.78	24.6	33.2	75	54	Calm	WNW 2	1	6	------
21	60.80	60.28	23.6	33.5	86	54	Calm	W 1	2	2	------	59.81	57.58	25.6	31	69	65	Calm	NW 1	1	10	------
22	60.17	59.65	23.5	32.8	86	59	Calm	WNW 2	6	3	------	59.21	58.04	26.1	33.5	72	48	Calm	W 1	10	6	------
23	60.53	59.78	23	33.4	81	55	Calm	WNW 2	2	3	------	59.17	58.43	23.5	34	68	53	Calm	W 1	1	5	------
24	61.93	60.45	22.4	33	83	61	Calm	W 1	6	2	------	59.49	58.57	28.6	34.6	64	49	NE 1	WNW 1	10	5	------
25	61.53	59.74	23.3	33	75	56	NE 1	W 1	2	2	------	59.21	57.38	25.6	33.4	69	50	Calm	WSW 1	6	1	------
26	60.23	59.35	21.6	33.1	78	55	Calm	WSW 1	4	3	------	58.68	57.59	25.5	32.5	69	52	Calm	NW 1	6	2	------
27	60.46	59.70	21.6	32.5	78	52	Calm	NW 2	9	4	------	57.90	57.44	24.1	33.5	78	52	Calm	NW 1	1	2	------
28	60.38	59.43	23.4	31	76	62	Calm	NNW 2	2	10	------	58.44	58.05	25	33	80	55	Calm	W 1	4	7	------
29	60.80	60.34	26.3	33.5	77	56	Calm	NNW 2	10	5	------	58.89	57.01	25	32.9	73	58	Calm	NNW 1	3	2	------
30	60.95	59.97	24.3	33	85	61	Calm	WSW 1	7	6	------	58.39	57.85	24.5	33.1	79	64	Calm	WSW 1	8	10	------
31	59.95	59.53	24.4	33.6	84	58	Calm	NNW 2	2	8	------	------	------	------	------	------	------	------	------	------	------	------
Mean	61.15	60.29	22.9	32.6	81.4	56.6	0	1.2	5.5	4.6	------	59.66	58.62	24.8	33.3	75.8	55.1	0.2	1.5	3.9	4.3	------
Total	------	------	------	------	------	------	------	------	------	------	0.3	------	------	------	------	------	------	------	------	------	------	0

SAN JOSE BUENAVISTA.

[φ=10° 44′ N; λ=121° 55′ E; barometer above sea, 5.4 meters; gravity correction not applied, —1.84 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.55	57.83	26.5	29.1	84	81	Calm	Calm	10	10	------
2	58.46	57.40	25.9	31	87	71	Calm	W 1	10	10	------
3	58.40	57.22	26.1	30.5	83	75	Calm	WSW 1	10	9	9.7
4	57.89	56.40	25.5	32.9	84	64	Calm	W 1	6	9	1
5	57.89	56.73	25	33.7	87	63	NNE 1	SW 1	8	6	------
6	57.54	57.21	25	31.8	84	65	Calm	NNW 1	7	10	------
7	57.14	55.68	25	32.9	80	56	Calm	NW 2	2	5	------
8	56.68	56.33	25.6	33.5	80	56	Calm	NNW 1	1	5	------
9	56.78	56.93	25.6	29.7	79	77	Calm	NNW 1	9	10	.3
10	56.93	56.06	25.1	33.5	71	56	Calm	NW 1	10	10	------
11	57.99	57.19	26.9	34.1	80	61	Calm	W 1	10	8	------
12	58.21	57.46	26.1	34.3	84	60	Calm	SW 1	2	10	15
13	58.56	57.38	26.1	32.1	91	72	NE 1	NW 2	9	9	1.8
14	59.45	58.09	26.5	31.5	92	72	Calm	WSW 1	10	10	------
15	59.23	57.85	26	31	89	69	Calm	SW 3	10	7	------
16	58.04	57.01	25.7	32.1	87	69	NE 1	W 1	10	10	17
17	58.32	57.75	26.3	29	94	84	Calm	SW 3	10	10	.8
18	59.65	59.30	26.9	29	92	81	S 3	SW 2	10	10	11.7
19	60	58.87	24.7	29.9	91	80	Calm	SW 2	10	10	------
20	59.30	57.98	24.7	33.4	87	67	NE 1	SW 2	7	10	------
21	58.65	57.01	25.5	30.1	88	78	NE 1	SW 3	10	10	7.6
22	58.11	57.45	25.9	29.1	93	81	Calm	SW 2	10	10	89.9
23	59.20	58.42	24	31.6	91	71	NE 1	SW 2	10	6	9.1
24	58.81	58.28	24.5	29.7	92	77	NE 1	SW 1	10	8	------
25	59.67	58.63	23.9	32.6	88	72?	NE 1	SW 2	2	7	------
26	59.78	58.47	25.9	33.3	92	67	NE 1	SW 2	8	3	------
27	59.10	58.18	26.1	32.6	96	70	Calm	SW 2	9	7	1.3
28	59.49	58.55	25	33.4	96	65	Calm	SW 2	10	9	.8
29	59.61	58.10	26.4	31	90	69	Calm	Calm	10	10	------
30	58.49	57.32	25.5	29.9	95	82	NE 1	Calm	9	9	.5
31	57.93	56.34	25.5	32.1	88	69	NE 1	W 1	10	9	------
Mean	58.51	57.53	25.6	31.6	87.6	70.3	0.5	1.5	8.4	8.6	------
Total	----	----	----	----	----	----	----	----	----	----	166.5

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.73	57.57	25.5	32.4	92	73	NE 1	W 1	4	9	0.3
2	59.35	57.69	24.6	34.4	91	60	NE 1	WSW 1	5	8	------
3	59.60	57.48	26	33.6	82	61	NNE 1	WSW 1	10	9	------
4	59.23	57.83	25.5	26.5	81	92	NE 0	ENE 2	10	10	35.3
5	58.02	57.61	23.6	30.5	95	74	NE 1	NW 1	5	10	32.8
6	58.26	57.58	24.5	32.5	94	66	Calm	WSW 1	10	5	------
7	58.22	57.11	24.6	33	91	58	NE 0	W 1	7	8	3.8
8	57.99	56.39	25.4	33.1	92	48	NE 1	WSW 1	5	6	.3
9	56.51	55.88	23.7	33.5	90	64	NE 2	W 1	10	9	2
10	56.89	55.75	24.7	32.5	90	66	NE 1	W 1	10	10	------
11	57.25	55.97	24.5	33.2	87	63	NNE 1	W 1	9	6	1.8
12	58.01	56.91	25.4	30.6	93	75	NNE 2	SW 2	10	10	16
13	57.59	56.81	24.6	30.3	96	76	Calm	Calm	9	10	16
14	57.29	56.03	24.5	32	96	72	Calm	WSW 1	10	10	4.6
15	57.68	56.70	25.1	29	95	89	NE 1	NE 1	10	10	5.6
16	57.86	57.55	26	32.5	92	66	Calm	NNE 2	10	10	6.6
17	57.63	56.58	25.4	32	93	69	Calm	W 1	10	10	------
18	56.96	55.91	25.9	33.1	89	63	Calm	W 1	10	5	------
19	56.85	55.94	26	34.1	88	61	Calm	SW 1	10	10	1.5
20	57.03	56.45	25	25.6	96	93	Calm	NE 1	10	10	9.7
21	57.65	56.58	25.3	30.9	93	76	Calm	WSW 2	10	10	2.8
22	57.79	56.43	24	31.2	92	74	NE 1	W 1	10	10	.3
23	57.43	56.14	25.1	30.9	89	67	NE 1	NNW 1	10	10	10.9
24	57.48	56.30	25	30.3	96	73	Calm	NW 1	10	9	14.5
25	57.92	57.08	24.8	28.5	94	84	SSE 2	SSW 3	10	10	4.1
26	57.63	57.47	25.8	26.4	94	93	Calm	Calm	10	10	50.1
27	58.41	58.32	24.1	29.7	96	79	Calm	SW 1	10	10	1.6
28	58.82	58.50	23.5	31	92	75	E 1	SW 1	9	10	.3
29	59.08	58.48	25.1	29.7	95	73	NE 1	SW 1	10	10	------
30	59.69	58.57	24.5	29.5	87	78	NE 1	SW 2	10	9	8.6
31	----	----	----	----	----	----	----	----	----	----	----
Mean	57.93	56.99	24.9	31.1	91.7	72	0.6	1.2	9.1	9.1	------
Total	----	----	----	----	----	----	----	----	----	----	229.5

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.90	58.46	24.5	28.5	92	85	E 1	S 2	6	10	10.7
2	58.05	56.75	24.1	30.9	95	75	NE 1	SW 1	10	10	3.3
3	57.06	56.56	24.8	31.5	93	72	Calm	SW 2	10	10	------
4	58.55	57.73	25	32.4	92	70	NE 1	SW 1	6	7	------
5	59.03	58.47	24.6	32.1	95	75?	NE 1	SW 1	5	7	.3
6	58.80	58.05	24.9	26.9	92	93	NE 1	NNE 1	3	10	19.3
7	59.11	57.79	24.1	30.6	95	78	NE 1	SW 1	7	10	22.9
8	59.65	59.05	24.5	30.9	97	77	E 1	SSW 2	3	10	6.4
9	59.81	59.15	23.9	31.6	93	76	Calm	SW 1	9	10	7.9
10	59.78	58.45	25.1	31	96	75	Calm	Calm	10	10	.3
11	58.61	58.57	25.4	28.6	93	84	SE 0	NNE 1	10	10	5.6
12	58.81	58.33	23.5	24.5	95	92	Calm	Calm	10	10	27.7
13	57.81	56.65	23.5	31	96	69	NE 0	WNW 1	4	10	2
14	56.94	56.02	24.6	29.6	95	77	NE 1	NNW 1	10	10	6.4
15	56.99	56.68	24.6	28	98	88	Calm	Calm	10	10	65.5
16	57.92	57.60	24	30.5	97	75	NE 0	NNW 2	10	10	2.5
17	57.31	56.69	23.8	31.4	94	70	NE 1	W 1	9	10	------
18	56.90	56.38	24.4	30.6	91	77	NE 1	SW 1	9	10	------
19	56.40	55.48	24	32	91	69	NE 1	W 1	9	8	------
20	56.39	56	25.1	31.7	92	74	NE 1	SW 1	10	7	1.8
21	57.67	57.55	26.2	31.4	91	73	SE 1	SW 2	10	10	1.3
22	58.77	58.87	24.1	28.1	91	81	NE 1	W 1	10	10	.3
23	59.31	58.43	24.2	32.4	91	70	NE 1	WSW 2	10	9	45.5
24	57.75	56.69	24.4	27.4	97	89	NE 0	NNE 1	10	10	36.3
25	56.89	56.48	24.7	26.9	98	91	Calm	SW 4	10	10	34.6
26	56.79	55.97	26.6	29.9	91	78	WSW 2	WSW 3	10	10	31.7
27	56.20	56.89	25.1	26.6	95	95	SSW 3	WNW 3	10	10	37.8
28	55.11	54.49	27.2	28	87	88	WSW 2	SW 4	10	10	34.8
29	54.12	53.39	24.5	26.4	97	97	Calm	SW 4	10	10	65.6
30	54.35	54.84	27.5	28.5	84	81	SW 5	SSW 4	10	10	11.9
31	55.78	55.68	27.4	29	87	81	SE 2	S 3	10	10	------
Mean	57.63	57.04	24.8	29.6	93.3	79.8	0.9	1.7	8.7	9.6	------
Total	----	----	----	----	----	----	----	----	----	----	482.4

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	56.79	57.02	27.5	30	85	77	SSE 2	S 2	10	10	------
2	57.74	57.22	24.6	31.5	91	72	N 1	S 2	5	7	------
3	58.35	57.52	25.6	30.9	93	76	Calm	SW 2	10	10	------
4	57.76	56.85	25.1	32	91	75?	NE 1	SW 2	10	9	------
5	57.93	57.63	25.9	27	93	92	SSW 3	Calm	10	10	55.3
6	59.27	57.93	24	29.3	97	79	Calm	SW 2	10	10	.3
7	59.36	58.37	25.1	31.9	94	72	Calm	SW 1	10	4	4.8
8	58.34	57.24	25	31	96	75	Calm	SW 2	8	8	------
9	57.12	57.30	27.9	31.1	85	75	SSW 2	SSW 2	9	4	7.1
10	58.38	58.07	25	30.5	96	79	ENE 0	SSW 3	10	9	35.3
11	60.18	58.36	22.5	30.9	92	79	E 2	SW 2	10	10	11.9
12	59.56	58.49	23.9	28	92	80	Calm	NE 1	10	10	25.1
13	58.24	57.70	27.5	30.8	87	74	S 2	SSW 2	10	10	------
14	57.93	57.92	25.5	31.4	92	76	NE 1	SW 2	10	8	2.5
15	57.85	58.35	24.6	25.6	94	93	NE 1	ENE 1	7	10	4.1
16	59.04	57.87	24.1	29.7	94	77	Calm	NW 1	10	10	.3
17	58	56.96	24.8	28.2	94	83	Calm	NNW 1	10	10	2.8
18	56.40	55.83	24	29	93	77	NE 1	W 1	10	10	.5
19	56.47	55.99	24.5	27.3	96	90	Calm	ENE 1	10	10	23.8
20	56.59	56.08	27	29.6	87	79	S 3	SSW 3	10	10	12.1
21	57.24	57.21	26.4	31.3	93	79?	SSE 2	SSW 2	10	8	10.9
22	57.97	57.30	24.1	31.6	95	72	NE 0	WSW 1	10	10	------
23	57.17	57.20	24.2	31.4	91	77	NE 1	SW 2	9	10	1
24	57.99	57.14	24.6	31	96	78	NE 1	SW 2	10	10	7.6
25	59.09	57.93	24.5	30.1	96	78	NW 1	SSW 2	10	10	31
26	60.04	59.54	25.4	26.5	93	91	SE 1	SSW 2	10	10	6.1
27	61.35	58.91	23.5	31.7	91	74	ENE 2	SW 1	10	10	5.6
28	60.25	59.37	24.2	30.6	94	75	NE 0	SW 2	10	2	------
29	59.86	58.43	23.6	31.4	91	70	NE 0	W 1	3	5	------
30	59.50	58.28	24	31.5	88	72	NE 1	W 1	6	10	------
31	58.97	57.95	24.5	29	92	82	NE 1	Calm	10	10	12.2
Mean	58.41	57.68	24.9	30.1	92.3	78.3	0.9	1.6	9.3	8.8	------
Total	----	----	----	----	----	----	----	----	----	----	259.8

SAN JOSE BUENAVISTA.

[ϕ=10° 44′ N; λ=121° 55′ E; barometer above sea, 5.4 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.66	57.56	24	28.9	96	83	Calm	SSW 2	10	10	11.2
2	58.50	57.10	24.4	28.4	96	85	NE 1	Calm	10	9	6.3
3	57.80	57.44	24.5	27.9	96	78	Calm	NW 1	10	10	6.1
4	57.10	57.05	24	26.1	92	87	Calm	Calm	7	10	31.8
5	57.16	55.90	24.5	27	96	88	NE 1	NW 1	10	10	31.8
6	56.71	55.74	25.6	28.1	95	88	SSW 2	SW 2	10	10	46
7	56.72	55.99	25	27.5	96	85	E 1	SW 5	10	10	11.7
8	55.65	55.01	27.1	30.6	87	78	S 2	SW 4	10	10	12.4
9	55.83	55.96	27.5	29	88	85	S 4	SW 3	10	10	21.4
10	57.31	57.17	26.1	27.1	91	86	S 2	SW 3	10	10	10.7
11	56.41	56.66	23.6	28.5	98	85	Calm	SW 1	10	10	11.7
12	56.90	56.87	24.5	26.6	96	84	NE 1	NW 3	10	10	9.7
13	57.41	57.08	23.8	27.6	95	88	NE 1	Calm	10	10	26.9
14	57.81	57.18	23.8	29	94	78	NE 1	W 3	10	10	10.7
15	58.36	57.08	24	29.1	96	83	Calm	SW 1	10	10	4.3
16	59.17	57.80	24.1	31	95	72	NE 0	NW 1	10	10	-----
17	58.62	57.69	23.1	32.4	95	-----	NE 1	W 1	2	9	-----
18	58.44	56.78	24.4	27.6	97	84	Calm	Calm	10	10	-----
19	58.23	56.86	22.6	31	95	72	NE 1	WSW 1	9	10	-----
20	58.11	56.98	24.8	32	93	69	NE 0	WNW 1	5	10	-----
21	58.48	57.60	25	29	92	81	NE 0	NE 1	9	10	-----
22	57.96	57.50	23.8	25.4	91	93	NE 1	SE 2	7	10	12
23	58	56.40	23.1	31.3	95	70	NE 1	W 1	7	5	-----
24	58.08	57.25	24.6	32	96	73	NE 1	SW 1	9	7	.3
25	58.94	58.22	24.5	31.9	96	73	Calm	W 1	10	10	1.5
26	59.74	58.16	25	31	95	75	Calm	SW 1	10	5	1.5
27	59.47	57.41	24	32.4	91	73	NE 1	SSW 2	10	5	5.6
28	59.55	58.21	23.6	30	95	75	NNE 0	WNW 1	9	10	1.3
29	58.46	57.81	23.4	30.5	92	72	NE 1	SW 1	7	9	25.9
30	59.18	58.31	22.7	31.8	95	70	NNE 1	SW 1	5	9	17
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	57.96	57.09	24.4	29.4	94.2	79.8	0.8	1.5	8.9	9.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	317.8

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.82	57.79	23.5	31.5	91	72	NE 1	NW 1	10	9	0.3
2	57.75	55.98	24.5	31	92	77	Calm	NNW 2	9	10	135.1
3	56.99	55.89	24.4	24.7	93	98	Calm	Calm	10	10	107.4
4	57.01	56.21	24	25.5	96	93	NE 0	Calm	10	10	27.5
5	56.87	55.52	24	30.6	97	80	Calm	S 1	10	10	19.8
6	56.18	54.93	24.1	28.7	98	88	Calm	SW 2	10	10	32.6
7	55.62	54.28	24.5	30.1	97	80	Calm	SSW 1	10	10	51.3
8	55.89	55.54	25	25.9	96	93	S 3	E 1	10	10	191.3
9	56.39	56.55	24.4	24.9	97	95	SE 2	S 4	10	10	95.3
10	57.21	56.93	22.3	30	97	75	NE 1	S 2	10	10	-----
11	59.67	58.74	24	31.4	91	72	NE 0	WNW 2	8	9	.3
12	60.02	58.27	23.7	28.8	92	83	NE 1	Calm	9	10	47
13	58.30	56.65	23.6	28.5	98	85	Calm	NW 2	10	10	2.5
14	57.07	56.58	23.1	26.1	96	92	Calm	S 1	10	10	2.6
15	57.55	57.03	23.6	27.9	96	89	NE 1	S 3	10	10	2.5
16	58.55	57.45	23.7	29.8	95	82	Calm	SSW 2	9	10	.5
17	58.68	56.83	23	30.5	91	71	NE 1	NW 1	7	6	-----
18	58.36	56.48	24	31.4	91	72	NE 1	WNW 2	10	9	1
19	57.22	56.38	23.5	31.5	96	63	Calm	WNW 1	7	5	.3
20	58.10	56.23	24.2	33.4	94	61	Calm	SW 1	7	7	1.8
21	57.70	56.26	24	28	92	85	NE 1	SE 3	10	10	73.5
22	56.67	55.47	23.3	28.7	94	80	NE 0	NW 1	9	10	31.5
23	54.78	53.75	24.5	26.8	94	86	NW 4	WNW 3	10	10	26.1
24	53.58	52.78	28	29	84	85	SSW 5	SSW 6	8	10	5.9
25	54.24	53.66	27.9	30.5	85	78	S 3	SSW 3	8	7	.8
26	55.69	55.30	28	32.6	85	75	SW 2	SW 2	7	6	7.4
27	57.24	56.51	24.7	31.5	95	73	Calm	SW 1	10	8	13
28	57.50	55.76	24.4	27	96	87	NE 1	W 2	10	10	26.7
29	56	56.19	25.6	26.6	92	87	WSW 3	WSW 2	10	10	51.6
30	56.98	56.33	26.4	26.9	91	93	S 2	Calm	10	10	106.5
31	57.51	56.42	24	28.5	96	85	E 1	SE 3	10	9	2.3
Mean	57.13	56.09	24.4	29	93.5	81.8	1.1	1.8	9.3	9.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,064.4

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.75	57.47	24	28.5	96	81	NE 0	SSW 0	10	10	1.5
2	58.65	56.46	24	31.5	94	72	Calm	NW 1	10	7	16.3
3	55.67	54.82	25.4	27.5	93	85	Calm	WSW 2	10	10	5.6
4	58.24	57.45	26.6	31.6	88	-----	SE 2	SSW 3	7	8	-----
5	59.50	57.76	24	31.3	91	73	NE 1	NW 2	2	7	-----
6	57.76	56.87	24.4	27.4	92	78	NNE 0	SE 2	10	9	2.3
7	58.03	56.74	22.6	31.3	95	67	NNE 0	W 1	6	5	-----
8	58.05	57.40	23	31	91	68	NNE 1	WNW 1	4	3	-----
9	58.44	56.80	24.1	29.1	91	78	NE 1	Calm	9	10	-----
10	57.42	56.48	23.4	25.1	92	92	Calm	Calm	10	10	7.4
11	57.27	57.08	25.6	26.5	92	92	S 3	SSE 2	10	10	4.8
12	58.18	57.16	22.8	33.1	97	69?	N 1	SW 2	8	7	-----
13	59.61	57.95	23.6	28.6	94	83	N 1	Calm	8	9	2.6
14	59.94	58.38	23.9	32.5	93	73?	Calm	SW 1	9	9	.5
15	59.67	57.89	23	31.5	92	66	NNE 1	W 1	2	3	-----
16	58.47	57.17	23.1	30.1	95	71	NE 1	NW 1	2	8	2.1
17	58.23	56.95	22.6	31.5	95	65	NE 1	WNW 1	7	5	-----
18	58.80	58.30	24	30.5	91	66	NNE 1	NW 2	10	10	-----
19	59.11	58.29	21.5	32	93	60	NNE 0	W 1	6	3	-----
20	59.08	57.76	20.5	32.9	93	62	N 1	SW 1	9	9	-----
21	58.40	57.03	22.5	26.9	91	88	N 1	Calm	3	10	5.1
22	56.98	55.84	22.6	32	92	72	N 0	SW 2	9	10	-----
23	56.96	55.67	23	31.5	91	69	NE 1	W 1	9	10	-----
24	56.93	56	22.6	32	95	68	NE 0	W 1	5	8	-----
25	56.52	54.97	23.1	32.5	95	65	NE 1	W 1	4	6	-----
26	55.73	54.70	24	32	91	70	NE 1	W 1	7	10	.3
27	57.11	55.24	24	31.2	91	69	NE 1	NW 2	10	5	-----
28	56.99	55.64	23.6	32.1	95	69	NNE 1	W 1	4	6	-----
29	57.52	56.81	24	31	91	75	NNE 1	W 1	9	10	-----
30	58.02	57.37	23.4	28.5	92	85	NNE 1	Calm	7	10	17.8
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	58	56.82	23.5	30.4	92.7	73.5	0.8	1.1	7.2	7.9	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	66.3

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.11	57.62	23.6	27.1	96	91	NE 1	E 0	10	10	8.1
2	58.41	56.81	23.5	31	96	72	NE 1	SW 1	10	10	.3
3	57.63	56.58	23	30.3	96	73	NE 1	S 1	10	10	-----
4	57.45	57.81	24.5	25.5	92	88	Calm	NNW 1	10	10	2.3
5	57.04	56.32	24	27.6	87	73	NE 1	N 2	10	10	-----
6	56.24	54.94	23.5	27.4	87	78	Calm	NW 2	10	10	.3
7	53.94	53.39	27	28.8	77	76	WSW 5	SW 4	10	10	-----
8	55.61	55.48	27	30.8	86	77	SSE 3	S 4	10	10	-----
9	57.23	56.48	23.5	28.1	91	80	Calm	E 2	10	10	2.8
10	57.85	56.75	23.5	28.5	90	84	Calm	Calm	10	10	36.4
11	57.22	56.50	23.1	30.6	95	77	NE 1	W 1	10	10	-----
12	58.03	56.72	22.9	29.5	92	77	NE 1	W 0	6	10	1.3
13	57.60	56.39	23.6	25.2	96	94	Calm	Calm	10	10	39.1
14	57.72	56.46	23.4	30.5	97	72	NE 1	SW 1	8	9	-----
15	57.77	57.07	23	30.2	96	74	NE 1	NW 1	5	9	.3
16	58.57	57.12	23.1	30	95	75	NE 1	W 1	7	9	2
17	58.56	56.87	23.1	30.4	95	74	NE 0	NW 2	5	8	-----
18	58.77	57.23	21.5	29.4	92	70	NE 1	NW 1	10	10	.8
19	58	57.58	24.5	27.2	92	90	Calm	NNW 1	10	10	8.7
20	58.96	58.22	24	30.8	96	71	NE 0	NW 1	10	5	-----
21	59.91	58.61	23	28.5	96	81	NNE 1	NNW 3	5	10	-----
22	58.47	57.17	23.2	30.5	95	68	NE 0	N 2	7	10	-----
23	58.02	57.07	24.1	30.6	91	60	NE 0	NE 3	10	10	.5
24	58.13	57.52	22.6	30	90	67	NE 1	W 1	7	10	.3
25	58.01	57.12	23.5	31.5	96	72	NNE 0	W 1	10	10	1.5
26	58.51	57.12	23.5	28.5	96	85	NE 1	NW 1	3	9	13.2
27	57.37	55.81	23.5	28.5	96	81	NE 1	NNW 2	5	10	.5
28	56.56	55.36	24	29.5	96	78	NE 1	WNW 1	5	10	4.1
29	56.51	55.62	24.6	30.5	95	78	NE 1	NW 1	5	5	-----
30	58.41	57.22	24.1	30.1	95	75	NE 1	W 1	6	10	-----
31	59.05	56.90	23.9	28.8	93	78	NNE 1	NNW 2	10	10	-----
Mean	57.73	56.71	23.7	29.2	93	77.1	0.8	1.4	8.2	9.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	122.5

CUYO.

[ϕ=10° 51′ N; λ=121° 01′ E; barometer above sea, 4 meters; gravity correction not applied, −1.83 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.26	58.92	25.9	29.9	81	62	NNE 2	NNE 2	10	7	------
2	60.27	58.95	26.3	29.7	83	74	NNE 3	NNE 3	10	5	------
3	59.60	59.35	26.1	29.7	83	65	NE 2	NNE 3	10	7	------
4	60.81	59.71	26.4	29.1	79	71	NNE 4	NNE 3	10	10	------
5	61.10	59.40	26.6	28.7	86	78	NNE 2	NNE 2	10	8	------
6	60.75	59.19	26.4	30.1	90	76	NNE 2	NNE 2	10	6	------
7	60.42	58.98	26.6	31.2	87	66	NNE 2	SSW 2	10	8	------
8	60.20	59.19	26.4	30.4	91	69	NNE 2	NNE 2	10	4	------
9	60.36	58.87	26.4	30.3	86	68	NNE 1	NNE 2	10	5	------
10	60.78	59.70	26.4	28.4	82	78	NNE 2	NNE 2	10	10	------
11	61.73	60.96	26.3	29.3	85	73	NE 2	NNE 2	10	10	------
12	61.31	60.06	24.2	30	89	54	ENE 1	NNE 2	10	3	------
13	62.04	61.27	24.1	29.3	74	60	ENE 1	NNE 2	10	3	------
14	61.92	60.66	25.9	29.3	80	62	NNE 3	NE 4	10	8	------
15	61.61	60.66	26.3	28.6	76	60	NNE 4	NE 3	10	10	------
16	62.69	61.73	25.7	28.3	67	62	NE 3	NE 3	10	10	------
17	63.33	61.42	25.4	28.4	77	67	NNE 2	NNE 3	10	10	------
18	63.03	61.47	25.4	28.1	83	74	NNE 2	NNE 3	10	10	------
19	61.70	60.36	25.7	29.3	81	68	NNE 2	NNE 3	10	3	------
20	61.27	59.02	25.6	29.4	84	72	NNE 3	NNE 2	10	4	------
21	60.92	59.52	25.9	29.4	87	69	NNE 2	NNE 2	10	6	------
22	61.17	60.15	26.1	29.9	88	73	NNE 2	NNE 3	10	10	------
23	60.67	59.37	26.2	30.2	87	63	NNE 2	NNE 2	10	4	------
24	60.36	59.08	25.4	29.6	81	66	NE 2	NNE 2	10	7	------
25	61.17	60.26	25.3	30.3	86	63	NE 2	NNE 2	10	5	------
26	61.17	60.22	24.2	29.1	91	62	NE 2	NNE 2	10	6	------
27	60.91	60	23.3	29.7	90	64	NE 1	NNE 2	10	4	------
28	60.72	59.90	24.2	29.8	89	69	NE 1	NNE 3	10	6	------
29	60.61	59.85	25.9	30.8	85	62	NNE 2	NE 2	10	8	------
30	60.67	60.14	22.4	30.5	91	63	ENE 1	NW 2	10	4	------
31	60.84	60.37	24.6	29.9	89	62	NE 1	NNE 2	10	3	------
Mean	61.11	59.96	25.5	29.6	84.1	66.9	2	2.4	10	6.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0.

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	61.91	60.17	26.1	29.6	82	69	NE 2	NNE 2	10	4	------
2	61.06	59.84	25.2	29.9	85	64	NE 1	NNW 2	10	4	------
3	60.40	59.50	21.7	29.4	94	59	ENE 1	NNE 1	10	7	------
4	60.34	59.29	21.4	30.7	92	58	NE 1	NW 1	10	6	------
5	61.22	59.61	22.8	29.7	90	66	NNE 1	NNE 2	10	7	------
6	60.72	59	25.7	29.4	85	70	NNE 2	NNE 3	10	4	------
7	59.93	59.26	24.2	30.8	91	60	ENE 1	NW 2	10	7	------
8	60.87	59.88	23.1	29.7	90	62	ENE 1	NW 2	10	6	------
9	60.92	60.22	25.2	29.6	84	64	NNE 2	SSW 1	10	8	------
10	60.39	59.14	22.6	30.2	92	62	NE 1	NNE 2	10	8	------
11	59.15	58.58	23.3	28.9	92	71	ENE 1	NNW 2	10	8	------
12	59.34	58.44	25.1	30.2	92	67	NNE 1	NNE 2	10	7	------
13	59.62	58.62	25.9	29.3	82	72	NE 1	NE 2	10	7	------
14	59.58	59.65	25.3	30.2	78	60	NNE 2	NNE 3	10	8	------
15	61.21	60.14	25.9	29.8	83	68	NE 2	NNE 3	10	3	------
16	61.61	60.29	25.5	30.3	75	67	NNE 2	NNE 2	10	3	------
17	61.47	60.33	24.7	30.6	84	56	NNE 2	NNE 2	10	4	------
18	61.04	60.44	24.7	30.5	76	54	NE 1	NNE 2	10	6	------
19	62.10	61.27	25.5	30.4	75	62	NNE 2	NNE 2	10	6	------
20	61.40	60.05	25.5	30.1	80	56	NNE 2	NNE 2	10	7	------
21	61.57	60.15	25.1	30.6	80	55	NNE 2	NNE 2	10	3	------
22	61.77	59.53	25.3	30.6	80	53	NE 1	NNE 2	10	3	------
23	61.66	60.28	25.6	30.6	83	58	NE 1	NNE 2	10	7	------
24	60.88	59.89	26.1	30.1	82	60	NE 2	NNE 3	10	6	------
25	61.26	59.73	26	31.2	79	62	NNE 2	NNE 2	10	6	------
26	61.16	60.30	25.4	31.2	85	64	NE 1	NW 1	10	7	------
27	60.80	59.69	25.8	30.9	86	65	NNE 2	NNW 2	10	6	------
28	60.77	59.34	26.3	29.9	81	67	NNE 2	NE 3	10	3	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.86	59.74	24.8	30.2	84.2	62.5	1.5	2	10	5.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	61.56	59.65	26	30.2	78	63	NNE 2	NNE 2	10	4	------
2	61.42	60.94	25.9	30.7	82	66	NE 2	NNE 2	10	5	------
3	61.56	60.71	25.4	30.6	87	59	NE 1	NNE 2	10	5	------
4	62.06	61.75	25.2	31.8	88	63	NE 1	N 2	10	5	------
5	62.20	61.18	26.4	31.6	86	62	NE 1	NNE 2	10	7	------
6	61.75	60	25.1	31.4	88	61	NNE 1	NNE 2	10	6	------
7	61.21	60.26	26.1	31.3	85	63	NNE 1	N 2	10	8	------
8	61.32	60.90	26.7	31.4	83	68	NNE 2	NNE 2	10	7	------
9	61.95	60.53	26.6	30.9	79	64	NE 2	NNE 3	10	3	------
10	61.85	61.32	26.2	30.6	81	69	NNE 2	NNE 2	10	8	------
11	61.82	60.91	26.4	31.4	87	66	NE 2	N 2	10	4	------
12	60.15	59.16	24.3	32.3	87	64	NE 1	SSW 2	10	8	------
13	60.98	60.50	22.6	31.9	93	60	SE 1	SSW 2	10	10	------
14	61.50	60.45	22.4	31.6	93	57	ENE 1	N 2	10	3	------
15	61.42	60.38	26.6	31.3	86	67	NNE 2	NNE 2	10	8	------
16	60.77	59.74	26.3	30.4	84	64	NE 2	NNE 3	10	6	------
17	60.85	60.24	26.4	30.2	86	72	NNE 2	NNE 2	10	7	------
18	61.30	60.59	26.6	32.2	90	64	N 2	NNE 2	10	7	------
19	62	61.26	26.4	30.3	86	68	NE 2	NNE 2	10	7	------
20	61.83	60.35	26.6	31.9	83	64	NNE 2	NNE 2	10	10	------
21	60.72	59.39	26.3	32	85	72	NE 2	NNW 1	10	8	------
22	60.05	59.49	26.1	31.7	87	66	NE 1	SW 2	10	10	------
23	60.63	59.66	26.4	31.6	86	63	NE 1	NNE 2	10	8	------
24	62.07	60.49	26.6	32	84	65	NNE 2	NNE 2	10	7	------
25	61.42	59.51	26.4	32.1	87	64	NNE 1	NE 2	10	7	------
26	60.32	59.21	26.7	31.3	80	66	NNE 2	NNE 2	10	10	------
27	60.55	59.48	26.9	30.2	76	68	NE 2	NNE 2	10	10	------
28	60.57	59.59	26	30.2	89	67	NNE 1	NNE 2	10	8	------
29	60.93	60.30	27.1	30.6	80	68	NE 2	NNE 2	10	8	------
30	60.88	59.95	27.1	33	85	63	NE 1	NNW 1	10	7	------
31	60.02	59.65	27.3	31.6	88	70	NNE 1	NNE 2	10	6	------
Mean	61.21	60.24	26	31.3	85.1	65	1.5	2	10	7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.12	58.86	26.9	30.4	90	66	ENE 1	WNW 1	10	8	------
2	59.58	59.20	27.4	32.6	90	68	WNW 1	WNW 1	10	7	------
3	60.32	59.44	26.1	32.7	92	66	N 1	SSW 2	10	10	------
4	60.67	59.61	25.6	30.8	93	74	S 1	SW 2	10	10	------
5	61.36	59.44	25.9	32.6	91	65	WNW 1	N 1	10	7	------
6	61.73	60.07	24.6	32.4	92	57	ESE 1	NNW 1	10	6	------
7	61.14	60.37	23.7	34.3	91	54	ESE 1	WSW 1	10	6	------
8	60.91	59.25	27.5	32.6	81	62	NNE 2	N 2	10	8	------
9	60.42	59.96	27.4	30.4	85	65	ENE 1	NNE 1	10	7	------
10	60.52	59.26	27.2	33.2	88	56	NE 1	NNE 2	10	6	------
11	59.82	58.91	26.6	32.4	90	60	NE 1	NNE 2	10	5	------
12	59.56	58.89	27.2	31.9	84	65	NNE 2	NNE 2	10	6	------
13	60.57	59.53	27.1	31.3	87	66	NE 1	NNE 2	10	4	------
14	60.11	59.24	27.4	32.6	82	56	NNE 2	N 2	10	3	------
15	59.57	58.60	27.2	31.6	87	67	NE 1	NW 2	10	7	------
16	59.13	58.45	25	32.1	92	69	SSE 1	NW 2	10	10	------
17	57.88	57.45	25.5	34.2	90	58	SE 1	SW 2	10	10	------
18	58.24	57.85	25.7	32.4	88	65	NNE 1	NE 2	10	8	------
19	59.15	58.49	27.6	32.7	82	57	NNE 2	NNE 2	10	10	------
20	59.60	58.82	27.4	32.4	84	56	NE 2	N 2	10	7	------
21	59.62	57.82	27.5	31.7	80	61	NE 2	NNE 2	10	10	------
22	59.26	58.25	27.4	32.6	80	62	NNE 2	NNE 2	10	7	------
23	59.21	58.50	27	31.5	81	62	NNE 2	NNE 3	10	3	------
24	59.57	58.78	27.3	31.3	77	62	NE 3	NE 3	10	8	------
25	59.21	57.73	27.2	32.4	80	61	NNE 2	NNE 3	10	3	------
26	58.91	57.58	27.2	31.5	87	68	NNE 2	NNE 2	10	4	------
27	57.89	57.58	27.1	32.7	87	57	NNE 2	N 2	10	7	------
28	58.78	58.21	26.9	32.2	87	68	NE 1	NNE 2	10	8	------
29	59.02	57.17	27.6	32.5	84	66	NE 2	N 2	10	7	------
30	58.43	57.74	26.7	32.9	89	64	NNE 1	NNW 1	10	8	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	59.68	58.70	26.7	32.2	86.4	62.8	1.5	1.9	10	7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0

CUYO.

[φ=10° 51′ N; λ=121° 01′ E; barometer above sea, 4 meters; gravity correction not applied, —1.83 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.62	57.45	26	32.9	89	69	NNW 1	WNW 1	10	10	------
2	58.18	57.17	27.6	29.2	89	80	SSW 1	N 1	10	10	------
3	58.20	56.84	25.9	32	90	73	NW 1	SW 1	9	9	35.3
4	58.04	56.33	26.8	31.4	94	72	Calm	WNW 1	10	9	------
5	57.61	56.57	26.6	30.6	94	80	NW 1	WSW 1	10	8	14.5
6	57.27	57.12	25.9	32.3	95	67	E 1	NNW 2	10	7	------
7	57.02	55.79	25.9	32.5	94	68	SE 1	N 1	10	7	------
8	56.72	56.32	27.4	32.3	86	65	NE 2	N 2	10	6	------
9	56.92	56.62	27.2	32.2	90	66	NE 1	N 2	10	7	------
10	57.10	55.79	26.9	31.5	94	70	Calm	NNW 1	10	10	------
11	57.70	57.13	27.5	32.5	91	71	NW 1	WSW 1	10	6	6.4
12	58.11	57.33	26.7	32.7	95	68	ENE 1	NW 1	10	8	2
13	58.30	57.48	27.1	32.1	96	77?	NNW 1	NW 1	10	10	47
14	59.65	57.97	25	30.4	96	74	NNW 1	SSW 2	10	9	5.1
15	58.99	57.48	26.4	31.7	95	73	SSW 2	W 2	10	7	------
16	57.69	56.88	26.1	32.2	96	69	Calm	WNW 1	10	10	1.5
17	58.07	57.12	26.4	29.3	95	80	SSE 1	SSW 2	10	10	2.8
18	59.56	58.92	25.5	28	96	85	SE 2	S 3	10	10	6.6
19	59.72	58.73	26	31.7	95	72	SE 1	SSW 2	10	8	------
20	59.07	57.85	26.2	30.3	93	79	SSE 1	S 2	10	10	8.7
21	58.06	56.48	26.6	32.6	93	70	SSE 1	SSW 2	10	7	------
22	57.78	57.30	27.4	30.6	89	76	SW 2	SSW 3	10	7	19.8
23	58.94	58.32	24.9	28	97	82	SE 1	WSW 2	10	10	3.6
24	58.59	58	25	32.4	96	68	SSE 1	SSW 2	10	6	------
25	59.10	58.64	25.9	32.9	95	67	SSE 1	SSW 2	10	7	------
26	59.45	58.24	25.9	33.2	95	62	SE 1	SSW 2	10	6	------
27	59.16	58.25	26.5	32.4	94	69	SSE 1	SSW 2	10	8	------
28	59.72	58.44	27.1	30.5	93	76	E 1	SSW 2	10	10	1
29	59.33	57.96	26.6	30.4	94	78	Calm	S 1	10	10	------
30	58.37	56.95	26.3	32.7	94	66	SE 1	S 1	10	9	------
31	57.60	56.29	27.3	32.6	90	64	WSW 1	WNW 2	10	9	------
Mean	58.34	57.35	26.4	31.5	93.3	72.1	1	1.6	10	8.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	154.3

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.68	57.21	26.6	33.3	93	64	E 1	N 2	10	4	------
2	59.12	57.68	27.3	32.3	91	71	NNE 1	NNE 2	9	7	34.5
3	59.39	57.67	26.3	31.9	98	69	NNE 1	NNE 2	10	8	------
4	59.15	57.55	27.3	29.8	94	81	SSE 1	SW 1	10	10	7.3
5	57.84	57.62	26.2	28.6	96	78	SE 1	ENE 2	10	10	.8
6	58.12	57.68	25.9	30.4	94	75	ESE 1	WSW 2	10	10	------
7	57.92	56.82	27.3	32.9	87	61	E 1	NNE 2	10	10	------
8	57.44	56.33	25.7	30.4	88	74	NE 1	SSE 2	10	7	2.1
9	56.49	55.70	25.7	32.5	97	65	SSE 1	NW 1	10	10	.8
10	56.70	55.65	25.6	30	93	77	SSW 1	SSW 1	10	10	3.8
11	57.02	55.80	25.6	31.6	96	68	SE 1	SSW 2	10	10	4.1
12	57.44	56.76	26.4	31.3	94	72	ESE 1	SW 1	10	10	2.1
13	57.18	56.69	26.2	29.3	95	79	SE 1	NW 1	10	10	10.2
14	57.18	56.09	25.8	30.7	96	76	ESE 1	N 2	10	10	17
15	57.77	56.75	25.4	30.6	93	78	WNW 1	ESE 1	10	10	------
16	57.40	57.53	28.4	30.4	86	80	NE 2	SSW 2	10	10	1.8
17	57.25	56.93	28.2	30.6	82	76	E 1	SSW 2	10	10	------
18	56.95	56.14	27.1	32.2	88	68	NE 1	N 1	10	10	------
19	56.72	56.34	27.8	30.9	92	70	SSE 1	SSE 2	10	10	2.8
20	56.66	55.92	25.9	30.3	96	79	ENE 1	SW 1	10	10	6.9
21	57.45	56.62	26	29.5	97	84	SSE 1	SSW 2	10	10	4.3
22	57.57	56.21	26.5	30.9	90	72	E 1	NNW 1	10	10	------
23	56.61	56.30	27.6	28.5	86	85	NNE 1	SW 1	10	10	20
24	57.13	56.31	25.9	30.8	96	73	Calm	NE 1	10	10	21.3
25	57.77	56.85	25.1	27.4	98	87	NE 1	S 3	10	10	21.1
26	57.54	57.07	24.9	26.5	98	93	NW 1	WSW 3	10	10	68.8
27	57.66	57.90	25	28	97	88	SE 1	SSE 1	10	10	4.1
28	58.24	58.26	25.1	29.9	95	69	SSE 1	SE 1	10	10	14
29	59.22	58.25	24.6	30	93	73	SSW 2	SSE 2	10	10	2
30	59.38	58.41	27.1	30.7	89	70	SSW 2	SSW 2	10	10	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	57.67	56.90	26.3	30.4	92.9	75.2	1.1	1.6	10	9.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	249.8

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.43	58.13	25.6	31.3	96	73	SE 1	SSW 2	10	9	------
2	57.54	56.58	26.5	31.1	92	75	SSE 1	SSW 2	10	10	------
3	56.77	56.40	26.1	31.3	94	70	SSE 1	SSW 2	10	10	1.5
4	58.47	57.65	25.9	30.6	95	74	SSE 1	SSW 2	10	10	------
5	58.97	58.15	26.4	33.4	95	68	SE 1	WSW 2	10	7	------
6	58.72	57.54	27.5	30.4	93	80	NNW 1	NW 2	10	10	3
7	59.02	57.68	25.9	31.8	88	72	NNE 2	NNE 1	10	7	------
8	59.33	58.85	25.7	31.5	94	70	S 1	SSW 2	10	8	------
9	59.80	59.20	25.8	32.7	94	66	NE 1	W 1	10	8	1.5
10	59.71	58.43	26.6	31.2	93	73	NNW 2	NE 2	10	10	2.3
11	58.49	58.39	26.5	31.6	93	75	SSE 1	SSE 2	10	10	6.6
12	58.59	58	25.1	30.3	96	74	SE 1	SSW 2	10	10	2.3
13	57.72	56.43	24.9	31.9	96	70	SE 1	W 1	10	9	4.6
14	56.73	56.17	25.9	30.6	96	75	NNE 2	SE 2	10	10	1
15	56.80	56.76	25.6	29.2	94	79	NNE 1	SSE 2	10	10	26.4
16	57.54	57.15	24.7	31.4	97	71	ESE 1	ENE 1	10	10	6.4
17	56.94	56.53	25.9	31	95	73	SSE 1	SE 1	10	10	1.3
18	56.47	56.25	26	28.7	93	85	NNE 1	SSE 1	10	10	2
19	56.18	55.51	25.7	28.6	95	90	SSE 1	SSE 1	9	10	30.2
20	56.07	56.03	25.2	26.5	97	94	SE 1	E 1	10	10	13.7
21	57.34	57.35	25.9	30.3	97	77	S 1	SW 2	10	10	4.8
22	58.54	58.45	25.4	30.8	96	78	SSE 1	WNW 1	10	10	8.6
23	59.12	58.43	25.8	32.3	96	71	WSW 2	W 2	10	10	20.3
24	57.34	56.52	27.4	28.4	86	88	NW 2	WNW 2	10	10	14.2
25	56.18	55.87	25.9	30	96	81	SW 2	SSW 4	10	10	11
26	56.43	55.70	27.2	29.7	87	79	WSW 4	WSW 3	10	10	85.1
27	55.39	55.42	25.7	26.7	91	92	WSW 4	WSW 3	10	10	27.4
28	54.52	53.93	27.3	26.9	87	91	WSW 4	WSW 4	10	10	33.4
29	52.96	52.74	26.7	26.9	93	94	SSW 4	SW 4	10	10	41.9
30	53.08	53.85	26.8	25.1	87	88	SSW 5	SSW 4	10	10	4.6
31	55.03	54.77	27.6	30.1	83	77	SSW 4	S 3	10	10	6.1
Mean	57.27	56.74	26.1	30.1	93.1	78.2	1.8	2.1	10	9.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	360.2

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	56.51	56.28	27.4	30.3	85	79	SSW 3	SSW 2	10	10	------
2	57.25	56.40	27.5	31.7	89	73	SSW 2	SSW 2	10	8	------
3	57.62	56.99	27.6	30.7	87	77	SSW 2	SSW 2	10	10	------
4	57.53	56.48	27.7	31.4	87	74	SSW 2	SSW 2	10	8	0.8
5	57.51	56.87	27.1	29.6	91	79	SSW 2	SSW 2	10	10	34
6	58.65	57.03	24	29.5	97	75	SE 1	SSW 2	10	10	------
7	58.86	58.31	27.3	30.6	83	78	SSW 2	SSW 2	10	10	14.2
8	58.09	56.89	25.8	30.2	96	80	NW 1	SSW 2	10	10	4.3
9	56.63	57	27.6	30.5	86	71	SSW 2	SSW 2	10	10	14
10	57.81	57.66	27.6	30.8	84	72	SSW 2	SSW 2	10	10	29.7
11	58.85	58.03	24.4	31.6	92	72	SSW 2	SSW 2	10	7	.5
12	58.96	57.71	27.1	31.3	90	74	SSW 2	SSW 2	10	10	------
13	57.85	57.20	27.8	30.4	84	76	SSW 2	SSW 2	10	10	------
14	57.54	57.37	27.3	32.2	85	71	SSW 2	SW 2	10	8	------
15	57.56	57.60	27.2	31.9	90	73	SSW 1	SW 2	10	10	2.3
16	58.82	57.59	26.4	31.3	96	75	WSW 1	WNW 1	10	10	4.1
17	57.88	56.98	26	28.4	94	85	W 1	NW 1	10	10	15.2
18	56.24	55.86	24.2	27.4	95	89	WNW 1	NW 2	10	10	11.9
19	55.99	55.33	24.7	29.4	95	81	WSW 2	WSW 1	10	10	3
20	56.13	55.40	26	29.5	94	77	SSW 2	SSW 2	10	10	27.5
21	56.59	56.54	25.3	30.6	82	75	SSW 4	SSW 2	10	10	2.5
22	57.58	56.91	25.5	29.9	95	79	SW 1	WSW 1	10	10	------
23	57	56.95	25.1	28.5	96	82	SSE 1	SSW 2	10	10	.5
24	57.38	56.87	26.3	29.9	94	78	SSW 1	SSW 2	10	10	3.8
25	58.79	57.60	25.3	30.6	96	76	WNW 2	SSW 2	10	10	17.3
26	59.56	58.81	24.7	26.8	95	87	WNW 2	SW 2	10	10	1.5
27	60.22	58.83	25.4	29.7	93	73	SSE 2	N 1	10	10	------
28	59.92	59.60	25	32	95	67	SE 1	SSW 2	10	10	------
29	59.54	58.43	24.4	32.9	95	63	SSE 1	WNW 1	10	7	------
30	59.22	58.22	24.4	28.3	96	82	SSE 1	SSE 1	9	10	------
31	58.25	57.70	27.6	29.6	83	81	NW 2	E 1	10	10	32
Mean	57.95	57.27	26.1	30.2	91	76.6	1.7	1.7	10	9.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	219.1

CUYO.

[φ=10° 51′ N; λ=121° 01′ E; barometer above sea, 4 meters; gravity correction not applied, −1.83 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.91	57.05	23.9	29.9	97	75	SE 1	SSW 2	10	10	4.8
2	58.09	56.85	24.1	32.2	96	70	SE 1	WNW 2	10	8	4.3
3	57.54	56.82	25.1	31.1	97	76	WSW 2	WSW 2	10	10	2.8
4	56.94	56.35	25.4	27.5	95	87	SW 1	NW 2	10	10	1.5
5	56.82	55.71	26.1	30.8	90	76	SW 2	SW 2	10	10	5.1
6	56.44	55.35	26.1	31.3	88	76	NW 3	WSW 4	10	10	1
7	56.04	55.41	26.5	26.4	91	88	SW 3	SSW 4	10	10	12.7
8	55.27	54.84	26.9	26.7	88	90	SSW 4	NW 3	10	10	8.9
9	55.14	55.53	27.4	26.1	84	89	SSW 4	SSW 4	10	10	9.7
10	56.32	56.13	26.1	29.6	95	81	SSW 3	SSW 2	10	10	12.7
11	55.83	56	26.2	30	93	80	SSW 2	SW 2	10	10	7.9
12	56.28	55.87	26.1	29.4	94	81	SSW 2	SSW 2	10	10	4.4
13	56.75	56.27	26	27	96	96	SSW 2	SSW 2	10	10	8.4
14	57.57	57.80	25.6	25.4	98	95	SSW 1	E 1	10	10	19.3
15	58.24	56.82	24.4	29.6	95	84	Calm	SSW 2	10	10	16.7
16	58.47	57.72	23.5	30.7	98	72	SE 1	SE 1	10	9	------
17	58.25	57.57	25.3	31.6	95	72	NW 1	NE 2	10	7	3.8
18	58.17	56.90	27.1	27.9	91	84	NE 2	NNE 2	10	10	1.3
19	57.84	56.86	24	29.9	97	77	E 1	N 1	10	10	------
20	58.24	56.85	24.9	31.6	97	73	SSE 1	W 1	10	9	12.7
21	58.44	57.49	25.6	31.4	96	72	N 1	NNE 2	10	10	------
22	57.89	56.85	26.3	31.4	94	73	NE 1	N 2	9	8	------
23	58.05	56.39	27.5	31.9	87	74	NNE 2	NNE 2	10	8	12.7
24	58.18	57.09	24.6	31.7	94	70	ENE 1	S 2	10	8	5.1
25	58.52	57.78	25.4	31.5	96	70	SW 1	SW 2	10	9	1.5
26	59.42	57.82	26.1	27.6	96	88	SW 2	SW 1	10	10	12.7
27	59.23	57.58	24.8	32.3	97	69	WSW 2	SSW 2	10	10	13.2
28	59.49	57.70	25.1	31.1	97	70	SE 1	SW 1	10	8	6.9
29	58.48	58.15	24.9	31.1	98	77	E 1	NE 2	9	7	18.8
30	59.01	58.39	23.6	32.1	97	68	ESE 1	W 2	10	8	11.4
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.63	56.80	25.5	29.9	94.2	78.4	1.7	2	9.9	9.3	------
Total	------	------	------	------	------	------	------	------	------	------	220.3

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.52	58	26.1	32.3	94	72?	NE 2	NNE 2	10	6	6.4
2	57.97	55.96	26.3	31.7	94	74	N 1	NNW 2	10	10	35.6
3	57.54	55.53	24.5	27.7	96	88	WSW 2	WSW 3	10	10	35.1
4	56.44	55.34	25.6	26.8	94	90	W 4	N 2	10	10	4.4
5	56.58	55.20	25.5	31.2	96	75	W 2	SW 2	10	10	8.4
6	55.73	54.64	25.6	27.9	97	89	NNW 2	SSE 1	10	10	95.3
7	55.23	53.93	26	30.8	93	78	WNW 3	WSW 3	10	10	30.8
8	54.74	54.88	25.6	24.9	96	97	SW 4	WSW 1	10	10	52.6
9	55.35	55.75	25.6	24.4	96	96	SSW 2	SSW 3	10	10	86.6
10	56.65	56.86	25.1	27.9	92	85	SSE 1	SSE 2	10	10	------
11	59.57	58.78	25.5	31.3	94	68	SSE 1	SW 1	10	4	------
12	59.90	58.43	25.4	31.9	95	69	NNE 1	N 2	10	10	------
13	57.80	56.82	27	27.4	92	88	NW 3	NW 1	10	10	11.4
14	56.91	56.35	24.2	29.7	97	78	NE 1	SSW 1	10	10	8.6
15	57.19	56.67	24.2	31.2	97	73	SSE 1	S 2	10	10	------
16	58.23	56.85	25.7	31.3	93	73	SSE 2	S 2	10	8	------
17	58.50	57.10	24.4	30.9	97	72	SE 1	NE 1	9	9	------
18	58.03	56.51	27.4	31.4	87	78?	N 2	N 2	8	8	------
19	57.05	56.39	27.8	31.5	89	68	NE 2	NE 2	8	6	------
20	57.98	56.55	27.8	31.8	79	72	NE 2	NE 2	10	7	.8
21	57.68	56.60	25.5	30.2	95	74	S 1	NE 2	10	8	17.3
22	56.59	56.12	25.6	27	93	89	NE 2	NW 2	10	10	2.3
23	54.91	53.66	27.3	26.7	87	93	NW 4	WNW 4	10	10	21.6
24	52.54	52.02	27.3	28.3	87	85	SW 4	SW 5	10	10	46.3
25	53.22	52.95	27.9	30.4	82	74	SSW 4	SSW 4	10	10	5.1
26	54.99	54.83	25.6	32.2	94	71	SW 3	SSW 3	10	6	------
27	57.27	56.33	25	32.4	96	73?	SW 1	SW 2	10	10	------
28	57.10	55.40	27.7	28.4	84	85	WNW 3	W 4	10	10	20.4
29	55.88	55.40	26.4	26	93	95	NW 4	WSW 4	10	10	46.4
30	56.20	55.60	26.9?	29.1	84?	83	SSE 2	SSW 2	10	10	14.7
31	57.12	56.35	25.2	30.7	98	72	SSE 1	SSW 1	10	10	1
Mean	56.79	55.86	26	29.5	92.3	79.9	2.2	2.3	9.8	9.1	------
Total	------	------	------	------	------	------	------	------	------	------	551.1

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.60	57.18	24.3	28.9	96	79	SE 1	NNE 1	10	8	1.3
2	58.43	56.55	26.4	30.6	94	70	NE 2	NE 2	10	8	10.9
3	55.74	54.67	27.3	27.7	92	84	WNW 2	NW 3	10	10	1.8
4	57.59	57.16	27.4	30.6	86	78	S 3	S 3	10	9	------
5	59.29	57.84	24.7	32.1	97	71	Calm	NW 1	10	4	.8
6	57.81	56.60	27	30.9	88	75	NNE 2	NNE 2	10	7	.8
7	57.84	56.86	26.4	30.9	89	71	NNE 2	S 2	10	8	------
8	57.88	57.18	26.1	31.1	90	73	NE 1	NNE 2	10	8	------
9	58.62	56.75	27.3	31.7	87	74	N 2	NNE 2	10	8	------
10	57.16	55.92	25.6	28.2	94	88	SE 1	W 1	10	10	9.4
11	56.88	56.67	25.8	28.4	89	79	SSW 2	SSE 2	10	10	1.8
12	58.07	57.02	25.4	30.2	95	75	SSE 1	S 2	10	10	------
13	59.24	58.05	24.7	30.9	97	70	Calm	SSE 2	10	8	1
14	60.22	58.27	26.3	29.6	92	78	N 3	NE 3	10	8	------
15	59.58	58.06	26.9	30.4	83	72	NNE 3	NNE 3	10	6	------
16	58.74	57.35	27.3	30.5	86	72	NNE 3	NE 3	9	7	------
17	58.27	57.11	26.8	30.4	89	76	NE 2	NE 2	10	10	------
18	58.83	58.23	26.1	29	86	71	NE 3	NE 3	9	10	------
19	58.98	58.37	26.4	29.9	81	71	NE 3	NE 3	10	7	------
20	58.98	57.86	26.6	30.3	79	72	NE 3	NNE 3	10	9	------
21	58.32	57.07	26.2	30.2	85	75	NNE 2	NNE 3	10	10	------
22	57.09	56.12	26.6	29	87	81	NE 2	NE 2	10	10	------
23	57.14	55.66	26.8	30.1	84	73	N 3	NE 2	10	8	------
24	56.92	56	26.4	30.4	87	74	NNE 2	NNE 2	10	10	1
25	56.43	54.85	25.6	29.4	94	79	NNE 1	NNE 2	10	8	------
26	55.54	54.78	24.8	28.8	97	85	E 1	SSW 1	10	10	27
27	57.89	55.17	24.9	29.4	97	81	ENE 1	NW 1	10	10	------
28	56.71	55.90	27.2	30.9	90	74	NNE 2	NNE 2	10	6	------
29	57.53	56.73	25.1	29.7	95	82	NNE 1	NNE 2	10	10	------
30	57.86	57.20	27.1	29.8	90	78	NNE 2	NNE 2	10	9	1.5
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.94	56.77	26.2	30	89.9	76	1.9	2.1	9.9	8.5	------
Total	------	------	------	------	------	------	------	------	------	------	57.3

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.14	57.14	26.7	29.9	86	78	NNE 2	NNE 3	10	10	------
2	58.64	57.35	26.2	28.3	87	81	NE 2	NE 2	10	10	------
3	57.58	56.56	26.9	28.9	82	78	NNE 2	NNE 3	10	10	------
4	57.79	57.78	26.3	25.4	86	92	NNE 2	NE 2	10	10	5.9
5	57.59	57.22	26.1	28.6	75	73	NNE 3	NNE 3	10	10	------
6	56.31	55.09	23.6	27.6	92	72	W 1	NW 2	10	10	------
7	53.99	52.59	27.3	28.5	72	81	WNW 4	NW 5	10	10	------
8	54.67	54.67	27.3	30.1	78	73	S 3	SSW 3	10	10	------
9	56.99	55.80	24.7	30.9	97	67	S 1	SW 1	10	10	------
10	57.55	56.68	25	29.9	96	80	NNW 1	N 2	10	10	13.5
11	56.95	56.32	25.9	29.7	89	76	NNE 2	NNE 2	10	10	------
12	57.86	57.06	23.3	30.1	96	73	E 1	SSW 2	10	10	3.6
13	57.32	56.37	26.2	26.4	89	92	NW 2	NW 3	10	10	1.8
14	57.39	56.30	24.3	30	96	75	SW 1	NW 1	10	10	------
15	57.81	56.92	23.7	28.9	97	79	E 1	WSW 1	10	10	4.1
16	58.30	57.18	24.9	29.4	97	80	ENE 1	NNE 2	10	10	------
17	58.53	56.85	27.1	30.1	86	78	NNE 2	NNE 3	10	8	------
18	58.57	56.87	25.6	29.8	93	69	NNE 1	NNE 3	10	9	------
19	57.93	57.96	26.6	29.3	86	77	NNE 3	NNE 3	10	10	------
20	58.88	58.55	26.6	29.4	87	78	NE 2	NNE 3	10	10	------
21	60	59.01	26.4	28.2	85	79	NNE 3	NNE 3	10	10	------
22	58.43	57.25	26.3	28.4	86	77	NNE 3	NNE 3	10	10	------
23	58.27	57.53	26	27.5	79	77	NNE 4	NNE 4	10	10	------
24	58.29	57.75	25.6	28.4	85	78	NNE 3	NNE 3	10	10	------
25	58.34	57.87	25.9	29.4	89	78	NNE 2	NNE 2	10	9	8.9
26	58.49	57.62	25.9	29.1	87	80	NE 3	NNE 3	10	10	1.5
27	57.67	55.82	26.1	29.4	88	79	NE 3	NNE 3	10	10	------
28	56.53	55.15	26.4	29.5	91	81	NE 2	NNE 2	10	8	3.6
29	56.62	55.88	25.7	28.3	96	86	NE 1	NNW 1	10	10	4.6
30	58.87	56.87	25.1	29.6	98	82	N 1	NE 2	10	10	2.8
31	59.18	56.97	26.4	28.5	90	80	NNE 2	NE 2	10	10	------
Mean	57.73	56.74	25.8	29	88.4	78.4	2.1	2.5	10	9.8	------
Total	------	------	------	------	------	------	------	------	------	------	50.3

GUIUAN.

[φ=11° 02′ N; λ=125°44′ E; barometer above sea, 4.5 meters; gravity correction not applied, −1.83 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.56	59.13	26.1	28.5	81	79	NNE 4	NE 5	9	9	15.7	62.26	61.41	24.6	28	87	67	ENE 2	ENE 3	5	3	------
2	60.55	59.62	25.6	29.3	88	73	E 2	NE 5	6	7	12.4	61.92	60.70	24.6	29	76	62	NE 2	ENE 3	4	3	------
3	60.40	59.53	25.7	25.7	84	92	NE 4	ENE 5	9	10	18.8	60.46	60.24	20.8	24.5	92	91	Calm	ENE 2	1	10	0.8
4	61.43	60.21	26.1	28.5	86	78	ENE 4	ENE 5	7	6	4.5	60.80	59.59	21.3	28.7	94	65	E 1	E 2	1	2	------
5	61.79	60	25.4	28.2	89	85	ENE 1	ENE 3	5	9	12	61.31	60.08	20.7	27.7	96	76	E 1	NE 2	2	6	2.3
6	61.75	59.77	24.6	29.3	90	70	ENE 4	E 4	10	7	------	61.14	59.88	23.5	29.7	89	64	NNE 1	ENE 3	6	4	------
7	60.50	59.25	21.6	28	96	77	E 1	NNE 3	5	7	5.6	61.12	60.45	23.5	28.5	79	62	ENE 2	ENE 2	1	2	------
8	60.64	59.26	24	28.2	96	78	NE 1	NNE 3	3	6	1.6	61.86	60.68	22.5	29.1	87	66	Calm	ENE 3	4	4	------
9	60.66	59.85	25.6	25.6	88	91	NE 4	E 3	7	9	67.1	61.90	60.93	24.2	28.7	79	63	ENE 1	ENE 3	3	1	------
10	61.47	60.69	23.8	25.2	94	93	E 5	E 4	10	10	13.7	60.91	60.02	22.7	28.4	91	75	Calm	E 3	2	9	1
11	62.28	61.18	26	28.2	84	74	ENE 4	NE 3	7	8	------	59.63	59.15	23.3	29.5	90	65	Calm	ENE 4	5	4	------
12	61.70	60.51	24.2	28.2	64	56	NE 2	NE 2	6	1	2	60.12	59.39	23.9	29	88	68	ENE 1	ENE 3	7	5	.5
13	62.19	61.15	23.9	28.3	91	72	NE 2	NNE 4	7	5	3.3	60.51	60.10	25.4	28.8	81	67	ENE 3	NE 4	3	5	------
14	62.10	61.19	24.5	27.5	86	76	NNE 5	NNE 6	9	7	5.6	60.31	60.72	25.9	29	77	71	NE 3	ENE 4	9	5	.5
15	62.03	61.24	26.2?	27	69?	70	NNE 6	NNE 6	10	9	------	62.43	61.79	26	29.2	76	66	ENE 3	ENE 4	9	4	.3
16	62.28	62.13	26.2	26.2	71	76	NNE 6	ENE 4	9	10	76.7	61.95	60.90	25.7	28.7	81	66	ENE 3	NE 4	3	7	------
17	63.27	61.84	23.6	24.3	96	91	ENE 4	NE 4	10	10	73.1	61.87	60.93	24.3	28.3	73	60	NE 1	NE 4	3	2	------
18	63.04	61.90	24.3	27.7	92	76	NE 4	NE 5	9	6	10.7	61.34	60.78	24.7	28.5	72	64	NE 3	NE 4	2	7	------
19	61.91	60.54	24.8	28.4	88	74	ENE 2	ENE 3	3	4	4.1	62.23	61.18	21.8	28.6	88	60	Calm	ENE 3	1	1	------
20	61.17	59.33	22.8	25.6	94	92	NE 1	NNE 3	4	10	10.4	62.01	61.01	21.4	29	87	57	NE 1	NE 3	3	3	3.3
21	61	59.98	23.7	28.6	97	76	Calm	E 3	6	7	2.6	62.21	60.85	22.5	28.5	81	60	NNE 2	NE 4	2	1	------
22	61.80	60.68	23.7	28.8	91	59	ENE 2	E 2	6	1	------	62.12	60.85	25.2	29	74	64	ENE 1	ENE 4	9	7	------
23	61.72	60.70	21.4	29.3	88	59	E 1	E 2	2	2	------	62.20	61.09	24.9	29.5	75	58	ENE 2	ENE 3	3	2	------
24	61.32	60.08	23.7	28.1	85	61	E 1	ENE 3	2	1	------	62.10	60.94	24.7	29	79	66	NE 2	ENE 4	6	7	.5
25	62.52	61.40	20.4	28.7	85	53	Calm	ENE 2	4	1	------	62.21	60.94	25.7	29.1	78	67	ENE 4	NE 4	4	6	5.3
26	62.26	60.83	19	27.4	94	76	E 1	ENE 3	4	4	1.5	61.87	60.94	25	28.8	79	63	ENE 2	NNE 4	6	4	------
27	61.46	60.27	24.1	28.7	79	70	ENE 1	NE 3	1	5	7.9	61.19	60.13	24.9	28.8	85	69	NNE 2	NE 3	8	7	3
28	60.49	60.04	23.1	28.8	97	75	Calm	ENE 3	9	5	2.5	61.82	60.29	23.2	28.5	90	72	ENE 3	NE 3	9	9	11.4
29	61.46	60.93	24.7	28	73	63	ENE 2	ENE 3	5	3	.5	------	------	------	------	------	------	------	------	------	------	------
30	61.14	60.60	25.2	28	79	70	NE 3	NE 3	5	3	------	------	------	------	------	------	------	------	------	------	------	------
31	61.71	61.10	25.4	29.4	78	68	NE 3	ENE 3	3	5	2	------	------	------	------	------	------	------	------	------	------	------
Mean	61.57	60.48	24.2	27.8	86.2	74.3	2.6	3.5	6.2	6	------	61.49	60.57	23.8	28.6	83	66.2	1.6	3.3	4.3	4.6	------
Total	------	------	------	------	------	------	------	------	------	------	354.3	------	------	------	------	------	------	------	------	------	------	28.9

Day.	MARCH.											APRIL.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.10	60.68	25.4	28.1	77	72	NE 4	NE 4	8	9	5.3	61.13	59.62	25.9	29.4	87	72	E 2	E 2	5	5	------
2	62.17	61.65	25.5	29.4	79	66	NE 1	ENE 4	7	4	1.3	60.40	60.12	25	29.5	91	69	Calm	E 2	3	3	------
3	62.24	61.80	25.9	29	80	74	ENE 3	ENE 4	9	9	5.8	60.79	60.72	24.4	28.1	88	82	ESE 1	E 2	2	9	3
4	63.22	62.84	25.2	28.8	88	69	ENE 2	ENE 3	4	4	------	61.68	60.76	25.9	29	82	72	ESE 1	SE 2	3	1	------
5	63.11	62.22	25.1	28	82	70	NE 2	ENE 3	4	7	------	62.16	61.07	22	28.5	93	72	SE 1	ESE 2	1	7	------
6	62.49	61.14	22.6	26.5	92	85	NE 1	NE 3	2	9	11	62.70	61.68	23.6	28.7	85	64	ESE 1	S 2	1	3	------
7	61.91	61.25	24	27.4	94	81	Calm	ENE 3	9	9	4.1	61.69	61.36	23.6	29	87	68	Calm	ESE 2	4	2	------
8	62.31	61.97	24	28.9	91	71	NE 1	ENE 3	3	4	2.8	61.87	60.74	25.1	29.5	92	70	ENE 1	ENE 3	7	1	1
9	62.96	62.10	22.8	26.2	87	82	NE 1	NE 3	3	9	1.6	61.49	60.62	26.6	30.9	80	68	ENE 3	ENE 3	6	2	7.4
10	62.62	61.99	23	28.9	94	69	Calm	SE 2	1	6	------	61.42	60.48	24.4	30.3	91	68	ENE 2	ENE 3	7	4	------
11	63.10	61.37	21.7	28.5	94	63	SE 1	ENE 2	1	4	6.4	60.59	59.94	24.8	29.5	88	67	ENE 1	E 2	1	9	.3
12	61.40	60.23	22.5	29	96	69	E 1	E 3	4	5	1	60.79	60.28	23.9	29.5	93	71	E 1	ENE 3	1	4	5.6
13	61.32	61.20	23	29	90	64	Calm	ESE 2	1	5	------	61.31	61.27	25.1	29	98	75	ENE 2	ENE 4	7	9	16.7
14	61.76	61.13	22.1	28.3	90	70	E 1	SE 2	3	1	------	61.06	60.60	25.2	29.8	90	67	ENE 1	ENE 3	7	7	.8
15	62.19	61.19	21	29.7	95	57	ESE 1	E 2	1	3	1.3	60.70	59.89	25.2	28.3	84	77	Calm	ENE 3	5	7	.5
16	61.71	60.32	22.5	29.9	95	63	E 1	ENE 3	4	4	------	60.10	59.30	22.9	29.9	93	63	Calm	ENE 2	3	4	------
17	61.56	60.79	22.4	28.8	90	71	Calm	ESE 2	2	4	------	59.43	58.20	23.3	28	94	79	ENE 1	ENE 2	1	9	5.1
18	61.85	61.40	21.6	29.9	96	58	E 1	ENE 2	1	3	4.1	59.33	58.69	24	30	94	71	ENE 1	E 2	9	5	7.1
19	62.44	61.73	25.5	28.7	84	72	ENE 2	NNE 4	9	7	3.3	60.01	59.39	24.7	29.7	87	66	E 1	ENE 3	5	3	3.3
20	62.71	61.34	25.4	28.4	74	63	NNE 4	NNE 4	4	9	------	60.76	59.83	24.2	30.4	94	69	NE 1	ENE 3	9	6	.3
21	61.51	60.94	25.2	29.5	75	58	NE 3	ENE 3	3	1	------	60.34	58.99	26.3	30.1	85	71	NE 2	ENE 3	7	3	2.3
22	61.50	60.85	25.4	28	71	67	ENE 2	ENE 3	3	5	------	60.26	59.55	26.7	30	80	66	ENE 2	ENE 4	5	3	7.4
23	62.01	60.49	23.7	29.5	89	66	NE 1	ENE 2	3	6	------	59.90	59.75	26.2	29.6	82	67	NE 3	ENE 3	9	4	3
24	62.80	61.08	22.7	30.1	93	62	NE 1	ENE 2	3	7	------	60.50	59.68	25.7	28.5	84	74	NE 3	NE 3	7	7	.8
25	62.10	60.03	22.1	30.6	93	60	ENE 1	ENE 3	1	1	8.9	60.05	58.88	26.1	29.1	86	71	NNE 2	NE 4	9	5	1
26	60.54	60.03	23.9	27.8	92	76	Calm	ENE 2	9	8	.3	59.31	58.87	26.4	29.6	83	66	ENE 2	NE 3	4	2	3.6
27	61.16	60.70	25.5	29.8	79	67	NNE 2	NE 4	4	4	2	59.21	58.42	25.7	30.2	90	69	NE 1	ENE 3	3	3	1.8
28	61.45	60.38	26.2	29.2	79	70	NE 4	NE 4	10	9	20.6	58.98	58.69	25.9	29	83	71	ENE 1	NE 3	9	9	------
29	61.36	60.89	24.7	29.1	95	70	NE 2	ENE 3	7	6	1.5	59.64	58.17	24.2	29.6	93	69	Calm	NE 2	3	6	8.1
30	61.41	61.04	26	27	89	82	NE 2	ENE 2	5	9	33.3	59.10	57.95	25.4	30	95	72	NE 1	ESE 2	9	7	4.1
31	61.12	60.38	23.8	29.5	97	72	NE 1	E 3	6	5	1	------	------	------	------	------	------	------	------	------	------	------
Mean	61.97	61.13	23.9	28.8	87.7	69	1.5	2.9	4.3	5.7	------	60.56	59.78	24.9	29.4	88.4	70.2	1.3	2.7	5.1	5	------
Total	------	------	------	------	------	------	------	------	------	------	115.6	------	------	------	------	------	------	------	------	------	------	83.2

GUIUAN.

[φ=11° 02′ N; λ=125°44′ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.83 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.83	57.78	25.1	30.4	97	73	Calm	E 3	7	6	1
2	58.71	57.19	25.1	30.3	96	73	Calm	SE 2	6	9	1
3	58.86	57.72	26.5	31	85	69	E 1	E 2	9	5	------
4	58.90	57.30	23	30.1	96	68	Calm	SE 2	5	3	------
5	58.23	57.70	23.1	30.1	96	69	E 1	ESE 2	2	6	------
6	58.27	58.02	26.4	30.2	85	74	ESE 1	E 3	6	6	24.9
7	58.03	57.05	25.5	30.2	89	70	E 1	ENE 3	3	7	.3
8	57.80	57.35	27.1	30.8	75	70	ENE 2	ENE 3	4	4	1.5
9	57.65	57.60	26.8	29.2	86	72	ENE 2	ENE 2	9	10	3
10	58.02	56.71	26.6	28.8	87	86	ENE 1	ENE 3	10	9	------
11	58.07	57.65	25.7	31.4	93	65	Calm	SE 2	6	2	------
12	58.74	58.30	25.1	30.4	97	78	Calm	E 2	2	9	.3
13	58.86	57.77	24.6	30.7	97	79	Calm	ESE 3	3	6	------
14	59.04	57.58	28.2	30.6	87	78	SE 3	SE 3	7	3	------
15	58.80	57.58	25.4	30.5	92	76	Calm	S 2	5	6	------
16	58.42	57.35	26.7	30.6	90	78	S 1	SSE 3	6	4	------
17	58.99	58.82	27.8	27.9	82	82	SE 2	SE 2	7	10	12
18	60.26	59.37	27.4	30.2	90	78	SSE 2	SSE 3	5	5	------
19	60.74	58.91	23.8	30.5	95	73	SE 1	SSE 2	2	2	------
20	59.81	57.10	27.2	29.6	84	74	SSE 2	SSE 2	2	7	------
21	58.85	56.95	27.9	29.5	85	79	S 2	S 2	9	10	------
22	58.01	57.73	26.4	29.5	84	76	Calm	S 2	8	10	1.5
23	58.69	57.61	26.7	29.5	83	75	W 2	WSW 3	9	9	28.4
24	59.31	58.19	24.6	30.7	95	71	Calm	S 1	10	7	------
25	59.94	59	27.8	31	85	70	SW 2	S 3	7	5	1.5
26	60.05	58.94	24.8	29.9	97	69	Calm	ENE 2	2	9	------
27	59.73	58.48	25.9	30.6	93	78	E 1	S 2	3	3	------
28	59.89	58.58	27	30.7	90	75	S 2	S 2	6	1	------
29	59.59	58.22	26.8	31	90	75	Calm	S 2	7	2	------
30	58.75	57.33	26.7	30.5	88	76	S 2	SSE 2	3	5	------
31	57.96	56.82	27	30.5	86	72	S 1	S 2	4	1	------
Mean	58.90	57.83	26.1	30.2	89.5	74.2	1	2.3	5.6	5.8	------
Total	------	------	------	------	------	------	------	------	------	------	75.4

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.02	57.88	27	31.1	89	68	SSE 2	SE 2	2	3	------
2	59.18	58.28	26	31.6	92	62	NE 1	NE 2	9	3	28.7
3	59.53	58.78	25	25.1	90	93	Calm	NNE 3	9	10	58.2
4	59.39	58.23	27	30.6	86	71	SSE 1	SSE 2	9	7	.6
5	58.70	58.02	25.8	31.4	86	68	Calm	SE 2	4	6	.5
6	58.93	58.35	25.4	27.8	93	80	Calm	SE 2	9	9	30.2
7	59.28	57.79	25	30.5	95	70	Calm	NE 2	9	7	3.1
8	58.32	56.50	25.1	30.6	92	66	NE 1	NE 2	7	5	26.4
9	57.17	56.56	24.7	29.2	94	74	Calm	ENE 3	7	9	14.2
10	57.06	55.99	24.8	30.3	93	70	E 1	ENE 2	9	6	24.6
11	57.65	56.60	25.5	28.4	96	84	E 1	SSE 2	9	9	10.4
12	57.67	57.44	25.7	27.5	95	84	E 1	NE 2	9	10	.8
13	58.12	57.45	26.9	30.9	85	73	ENE 1	ENE 3	6	6	7.6
14	57.77	56.74	24.8	30.8	97	71	Calm	ENE 2	10	7	------
15	58.17	57.28	26.4	31	91	72	Calm	ENE 2	7	7	9.4
16	58.39	58.29	28	30.6	84	71	ENE 2	E 3	6	9	4.8
17	59.30	57.65	25.4	30.6	97	74	Calm	ENE 3	9	8	4.6
18	57.82	57.05	27.3	30.2	87	74	E 2	ENE 4	4	7	3.8
19	57.64	56.59	27.6	30.2	84	78	ENE 2	E 2	4	3	24.9
20	57.18	56.68	25	29	95	76	Calm	ENE 2	7	10	1.5
21	57.63	56.78	25.9	29.1	92	78	Calm	W 1	7	9	1.3
22	57.91	56.95	26.5	27	90	86	Calm	S 3	7	10	20.9
23	57.71	56.25	25.8	29.1	93	82	E 1	ENE 2	5	9	29.8
24	57.90	56.85	25.1	26.8	90	83	Calm	ENE 2	10	10	18.8
25	58.08	56.79	23.9	31.2	96	73	Calm	SSE 2	7	4	4
26	58.40	57.25	27.4	32.3	84	68	SSE 2	SE 2	6	5	------
27	58.35	57.69	25.7	31.5	92	68	Calm	SE 2	1	9	2.8
28	58.15	57.52	26.5	29.2	87	78	WNW 2	W 4	10	7	66.6
29	58.94	58.11	27.5	31.9	84	69	SW 4	SW 4	8	3	------
30	59.33	58.80	27.7	28.7	88	81	S 2	SE 1	5	9	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	58.26	57.37	26	29.8	90.6	74.8	0.9	2.3	7	7.2	------
Total	------	------	------	------	------	------	------	------	------	------	398.5

JULY.

Day.	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.82	57.87	24.7	31.5	97	72	SE 1	SE 2	2	5	------
2	58.40	56.40	27.7	32.1	88	67	SE 2	SSE 1	7	3	------
3	57.74	56.43	27.9	32.2	86	69	SE 2	SSE 2	3	1	------
4	58.46	57.50	28.2	32.1	82	68	S 1	SSE 2	1	1	------
5	58.52	58.15	25.4	33.1	96	70	Calm	SE 2	1	9	0.3
6	58.81	58.03	25	31.7	93	66	Calm	ESE 2	8	7	------
7	58.96	58.54	24.7	30.6	95	70	Calm	SE 3	5	6	6.9
8	60.24	59.16	25.4	31	95	70	E 1	SE 2	3	4	12.2
9	60.24	59.39	25	31.1	95	71	Calm	ENE 2	7	5	.8
10	59.81	58.79	24.2	31.4	97	71	Calm	ENE 2	9	6	6.3
11	58.85	58.43	25.3	29.2	93	79	ENE 1	N 1	3	9	1.5
12	58.58	58.06	25.1	26	96	90	Calm	SE 1	7	10	15.5
13	58.13	57.16	24.7	27	95	88	ENE 1	ENE 2	10	10	28.7
14	57.44	56.50	24.9	30.2	95	78	SE 1	SW 2	9	4	29.2
15	57.43	57.07	24.4	30.5	96	72	Calm	ESE 3	9	9	2.3
16	57.83	57.88	26.4	28.1	91	81	ENE 2	NE 2	9	10	19.1
17	57.59	56.82	24.2	30.4	97	77	SE 1	NE 2	8	8	2.3
18	57.18	55.76	25.4	32.6	93	70	ENE 1	SE 2	9	6	0.3
19	56.56	55.80	25.1	32.9	95	71	Calm	SSE 2	1	6	1
20	56.56	55.90	27	31.6	90	73	Calm	SSE 1	5	3	2.5
21	57.57	56.67	26.9	31	84	75	SW 2	SW 2	9	6	6.1
22	58.55	58.10	27	30.1	90	77	WSW 3	SW 1	9	10	------
23	58.69	57.73	28	31	85	75	SW 2	SW 4	9	9	------
24	56.74	55.47	27.8	31.2	87	75	WSW 2	SW 4	4	9	------
25	56.15	55.42	27.8	30.2	89	80	SSW 5	SSW 5	10	9	------
26	55.95	54.98	27.9	31.5	77	69	SW 4	WSW 4	7	6	.3
27	55.95	54.76	27.9	30.5	79	75	WSW 5	SW 5	10	10	5.6
28	54.23	52.79	27.7	30	82	73	SW 5	WSW 5	10	10	.3
29	52.37	52.11	28.2	28.5	77	80	WSW 5	WSW 6	10	10	1.8
30	53.41	54.27	28	29.2	74	74	SW 6	SW 6	10	10	.3
31	55.65	55.66	27.8	30.1	78	75	SSW 6	S 5	10	7	------
Mean	57.50	56.70	26.3	30.6	89.3	74.2	1.9	2.7	6.9	7	------
Total	------	------	------	------	------	------	------	------	------	------	143.3

AUGUST.

Day.	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.81	56.30	27.9	30.5	84	78	S 4	SSE 2	8	8	------
2	57.44	56.25	27	30.6	85	76	SSE 1	SSE 3	5	5	------
3	57.68	56.72	28	31.2	89	71	S 3	S 2	9	6	------
4	56.93	56.06	28.4	31.2	88	74	SW 2	SSW 3	5	4	2.3
5	57.63	56.97	27.6	28.6	87	81	S 4	S 4	10	10	.5
6	58.15	57.38	27.9	30.9	81	74	SW 3	S 2	9	8	------
7	58.24	56.95	28	31	82	71	SW 2	SSW 3	1	1	.3
8	57.96	56.02	28.4	31.7	82	68	SSW 3	SW 4	1	1	------
9	56.64	56.01	28.7	31.7	75	72	SSW 4	S 4	1	3	------
10	57.66	57.18	28.6	30.5	76	75	SW 4	S 4	7	9	------
11	58.86	57.23	28.6	30.1	78	74	SSE 4	SSW 4	10	10	------
12	58.76	57.22	28.2	32	83	64	S 3	SW 3	5	8	------
13	58.29	56.40	28.2	31.2	84	75	SSW 4	S 4	8	1	------
14	57.76	56.97	27.9	30.9	84	74	S 2	S 4	3	5	------
15	57.41	57.28	28.2	30.3	85	78	S 2	S 2	10	10	29.7
16	58.44	57.41	26.7	28.6	87	81	WSW 4	NE 1	9	10	.3
17	57.08	56	27.5	29.7	86	75	SW 2	WSW 1	9	9	------
18	55.87	55.43	27	29.4	90	77	SW 2	SW 4	7	7	3.3
19	55.91	55.19	27.7	30.6	82	74	SSW 3	SW 3	7	8	.5
20	55.85	55.91	27.9	31	79	74	SW 4	S 3	9	9	------
21	56.76	56.56	28.2	31.5	82	76	S 3	S 4	3	3	------
22	57.41	56.27	28.2	30.8	88	78	S 4	S 4	9	9	------
23	56.51	56.36	28.4	31.9	83	75	S 4	S 4	9	7	------
24	57.58	56.80	28.2	31.4	87	75	SSE 3	SSE 3	10	9	------
25	58.33	57.68	28	31.6	84	73	SSE 3	SE 2	9	9	------
26	59.77	57.92	27.6	30.5	81	74	SE 3	SSE 2	9	2	4.6
27	60.68	59.13	25.8	30	85	71	SW 2	WSW 1	10	9	.5
28	59.90	58.88	23	32.6	97	69	Calm	SSE 2	1	1	.8
29	59.47	57.90	23.8	31.2	95	71	SSE 1	S 2	5	5	------
30	58.96	57.57	24.6	30.4	95	71	Calm	SW 1	9	9	4.1
31	57.88	56.99	26	29	94	81	ENE 2	WSW 3	10	9	45.5
Mean	57.83	56.87	27.4	30.7	85.1	74.2	2.7	2.8	7	6.6	------
Total	------	------	------	------	------	------	------	------	------	------	92.4

GUIUAN.

[ϕ=11° 02′ N; λ=125°44′ E; barometer above sea, 4.5 meters; gravity correction not applied, −1.83 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.71	56.76	27	30.6	83	72	WSW 3	SW 3	3	5	------
2	57.97	56.18	24.5	30.7	96	74	SE 1	SW 3	9	2	------
3	57.58	56.12	28	29.8	85	71	SW 3	WSW 4	10	10	------
4	56.66	55.98	27.8	30.6	79	74	WSW 4	SW 3	9	10	------
5	55.70	54.98	27.7	30.1	82	71	WSW 4	SW 4	10	9	------
6	55.33	54.55	28.1	31.6	78	70	SW 5	SW 5	8	7	------
7	55.18	53.96	28.2	31	75	69	SW 5	WSW 6	10	9	------
8	54.98	53.72	28.2	30	72	77	WSW 6	SSW 6	7	9	------
9	55.38	55.25	28.3	30.5	79	79	SSW 6	SSW 5	9	9	------
10	56.01	55.65	28.6	30.5	73	75	SW 5	SW 4	10	9	------
11	56.01	55.27	27.8	30	81	75	WSW 3	WSW 4	10	9	------
12	56.19	55.16	27.7	31	84	76	WSW 4	WSW 3	10	9	3.1
13	57.46	55.98	24.4	30.1	95	73	Calm	W 2	10	6	12.5
14	58.01	57	25.1	29.5	97	76	Calm	NE 2	7	9	138.9
15	58.60	57.48	25.9	29.8	86	74	SSW 4	S 1	10	9	2.5
16	59.30	59.07	23.1	26	97	89	NE 1	E 3	9	10	.5
17	58.65	57.47	24.8	31	92	72	Calm	E 4	6	3	28.7
18	58.69	57.19	24.1	29.5	96	81	NE 2	W 1	10	8	.6
19	58.61	57.03	25.2	31	95	75	NE 1	SSE 2	8	9	1
20	58.88	57.26	24	32.4	97	69	E 1	ESE 2	3	4	------
21	58.72	57.50	23.8	31.5	97	68	E 1	ENE 3	2	5	------
22	58.12	56.88	24.2	32	96	61	Calm	ESE 3	4	7	------
23	58.29	56.55	24.1	31.7	97	68	NE 1	ESE 2	3	4	7.6
24	58.01	57.18	25.8	33	95	68	SSE 2	SE 2	2	1	------
25	58.45	57.83	27	30.6	90	74	S 2	SW 2	7	7	.8
26	59.35	57.84	26.4	32.6	89	71	WSW 2	SW 2	5	6	------
27	59.24	58.45	24.3	30.1	97	77	SE 1	SSE 2	7	9	------
28	59.32	58.45	24.9	30.2	92	71	NE 1	NE 2	2	9	------
29	59.01	57.62	25.4	30	93	76	Calm	ENE 2	6	7	9.4
30	59.14	58	25.1	30.2	96	74	Calm	NE 2	8	7	2.8
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	57.68	56.61	26	30.6	88.8	73.3	2.3	3	7.1	7.2	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	208.4

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.30	57.10	25.3	30.5	90	76	NE 2	N 3	9	9	22.1
2	57.23	55.17	25.1	29.8	96	81	Calm	NW 2	5	10	22.9
3	56.21	54.59	25.3	29.1	97	83	Calm	WSW 3	10	9	32.8
4	56.22	54.87	26.9	29.4	84	77	WSW 4	WSW 4	10	9	1.5
5	56.45	54.68	26.8	30.6	87	72	WSW 3	WSW 4	9	9	.5
6	55.91	54.53	27.4	30.2	84	79	WSW 3	SW 4	7	6	3.6
7	55.78	54.89	27.2	30.1	88	77	SW 3	SW 3	9	9	4.6
8	55.84	55.47	27.2	28.3	87	82	SW 4	SW 4	10	10	.5
9	56.69	55.82	23.5	29.6	97	70	N 1	SSW 2	9	8	------
10	58.17	57.38	24.4	29.8	96	75	Calm	NE 2	6	6	3.3
11	59.96	58.55	24.9	30.8	97	70	NE 1	NE 2	7	5	.8
12	59.89	57.85	24.7	27.2	95	81	ENE 2	Calm	10	10	15.2
13	57.86	56.56	25.3	25.4	93	93	Calm	Calm	10	10	72.6
14	57.75	56.53	22.6	32.2	97	72	Calm	SSE 2	5	5	.5
15	58.27	57.44	26.8	30.7	89	74	S 1	SE 2	9	9	3.6
16	58.72	57.25	26.6	30.7	87	79	SSW 1	SSE 2	6	6	------
17	58.27	56.97	24.1	31.2	97	73	Calm	NE 1	1	5	3.6
18	58.22	56.84	24.8	30.1	95	74	Calm	ENE 3	7	7	12.7
19	57.78	56.60	26.4	30.5	92	74	NE 2	NE 3	9	6	25.7
20	58.30	56.45	25.1	31.3	96	73	Calm	NE 3	3	5	11.9
21	57.71	56.76	24.1	25.1	95	92	Calm	E 2	6	10	61.8
22	55.09	52.32	24.5	24.5	94	93	W 4	WNW 5	10	10	15.5
23	52.87	53.26	27.3	29	86	81	S 5	SSW 5	10	9	.6
24	55.16	54.23	27.6	30.1	82	75	S 4	S 4	9	9	------
25	55.75	53.47	27.1	30.6	90	74	SSE 4	SSW 4	6	7	------
26	55.79	54.56	27.6	30.5	81	76	WSW 3	SW 4	4	9	------
27	55.85	54.43	27.7	29.5	88	81	W 4	WSW 4	9	8	2.5
28	55.58	53.58	27.1	29.4	87	79	WSW 5	SW 5	10	10	------
29	55.45	54.98	27.8	29.6	83	79	SSW 6	SSW 6	10	9	------
30	57.63	56.56	27.4	32.9	84	71	S 5	SSE 3	9	7	------
31	58.51	56.62	27.1	31.6	89	70	SSE 2	SSE 1	9	8	------
Mean	57.04	55.69	26	29.7	90.4	77.6	2.2	3	7.8	8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	318.8

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.07	57.43	24.6	30.5	96	72	Calm	ENE 2	7	5	2.8
2	57.67	54.93	25.6	30.1	88	77	N 2	NNW 4	7	9	60.2
3	52.04	54.39	25.1	29.8	92	74	SW 7	SW 5	10	9	.5
4	59.29	58.09	25.6	30.9	95	75	Calm	E 3	2	5	------
5	59.20	57.45	26.5	30	90	78	NE 2	NE 3	4	6	1.8
6	58.22	56.97	24.2	29.3	96	76	NE 1	NE 4	7	7	2.6
7	57.79	56.73	24	30.9	96	67	Calm	ENE 2	3	6	.3
8	58.19	57.18	25.1	28.2	97	80	ENE 1	ENE 2	3	7	27.9
9	57.87	55.98	24.5	29.6	93	72	Calm	NW 1	4	10	2.3
10	57.17	56.70	26.6	26.8	88	86	S 3	SSE 3	9	10	15
11	58.33	57.67	25.6	30.4	91	79	SE 2	SE 3	9	7	2.5
12	58.99	57.48	24.1	30.6	97	70	E 1	NE 2	6	3	------
13	59.94	58.26	24.8	29.6	95	77	Calm	NE 2	9	9	------
14	60.26	58.76	23.8	30	96	68	Calm	ENE 3	6	9	4.8
15	59.90	58.28	24.7	30.3	92	74	NE 1	ENE 4	5	6	17
16	58.56	57.27	24.5	30	93	74	Calm	NE 3	4	6	1.3
17	58.22	56.98	23.8	30	94	71	Calm	ENE 4	5	5	14.3
18	59.13	58.94	25.7	30.1	90	65	NE 3	NNE 4	10	9	.6
19	59.75	58.77	26.7	29.5	77	69	NNE 4	NNE 4	5	7	9.9
20	59.28	58.03	25.9	29.2	87	77	NE 3	NNE 4	5	7	18.8
21	58.61	56.80	25	29.2	92	76	NE 2	NNE 4	9	7	21.8
22	57.06	56.28	24.9	28.5	96	82	NE 2	NE 2	8	9	9.6
23	57.36	56.05	23.9	27.9	95	83	NNE 1	NNE 1	7	10	41.7
24	56.99	55.68	23.3	32	97	70	ENE 1	SSE 2	5	4	11.2
25	56.91	55.32	25	32.2	95	72	Calm	SSE 2	7	7	5
26	55.96	55.22	24.6	29.3	96	76	SSE 1	E 2	4	6	2.8
27	57.33	55.70	24.2	29.7	97	75	Calm	ENE 2	5	6	1.3
28	57.18	56.12	23.9	30.7	96	69	ENE 1	ENE 2	4	3	.8
29	57.61	56.70	26.2	29.5	90	79	Calm	NE 2	7	7	5.8
30	58.27	57.15	24.4	29.6	96	75	Calm	NE 2	3	7	15.7
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	58.07	56.91	24.9	29.8	93.1	74.6	1.3	2.8	6	6.9	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	298.3

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.47	56.95	25.3	29.1	95	79	NE 1	NE 2	7	7	2.6
2	58.11	56.90	25.4	26	93	90	NNE 1	NE 1	9	10	19.3
3	57.47	56.58	24.8	26.4	94	87	NNE 2	NNE 3	10	10	7.4
4	56.79	55.80	26.4	25.5	77	88	N 4	NNW 2	10	10	60.4
5	54.87	51.48	24.2	24.5	94	92	NW 4	WNW 5	10	10	126.7
6	48.50	47.50	24.4	26.6	92	74	W 8	WSW 8	10	10	20.6
7	54.40	54.12	26.7	30.2	78	74	SSW 5	SSE 3	8	6	------
8	56.85	55.28	26.8	33.1	88	65	S 2	S 2	9	2	60.2
9	57.34	56.05	22	27	96	84	Calm	Calm	3	8	12
10	57.43	56.16	23.2	26.6	95	83	Calm	NNW 1	10	10	.6
11	57.42	56.45	22.3	29.1	96	74	Calm	ESE 2	8	8	.3
12	57.71	56.08	25.8	30.7	91	71	SSE 2	SSW 2	9	3	------
13	57.87	55.73	24.1	31.3	97	71	Calm	SSE 2	6	6	------
14	57.69	56.27	23.8	31.5	95	62	NE 1	ENE 2	9	7	------
15	57.92	56.67	23.8	30.9	97	69	Calm	NE 2	8	6	3.6
16	58.67	57.53	24.2	28.4	95	81	NE 1	ENE 2	7	9	2.8
17	58.76	57.44	25.4	29.3	91	66	ENE 2	NE 3	6	3	------
18	58.49	57.63	24.1	29.9	96	75	Calm	NE 2	4	8	15.8
19	58.90	58.61	25.4	26.5	93	91	ENE 2	Calm	9	10	29.7
20	59.69	58.95	23.6	28.5	97	81	ENE 1	ENE 3	9	8	25.9
21	59.79	58.15	25.6	29.3	94	78	ENE 2	ENE 3	9	7	30
22	58.39	57.69	25	29.2	93	78	NE 2	NE 4	9	9	62.7
23	58.64	57.98	24.6	25.9	95	86	NE 3	ENE 2	10	10	23.9
24	58.63	57.56	25.9	27.6	88	83	ENE 2	ENE 2	7	10	45.2
25	58.29	56.46	23.8	26.8	91	90	NE 2	NNE 3	10	10	44.9
26	58.51	56.71	24.9	29	96	80	NE 1	NE 3	9	9	11.2
27	57.88	55.93	22.7	30	97	71	Calm	ESE 2	3	5	5.6
28	57.44	55.77	22.8	31.6	97	68	Calm	ESE 2	4	3	.5
29	57.55	56.01	23.4	29	97	76	E 1	E 2	3	3	------
30	58.52	56.88	24	28.7	92	80	Calm	NE 2	7	9	15
31	58.26	56.13	25.6	28	93	82	NNE 1	NNW 3	10	10	106.5
Mean	57.59	56.24	24.5	28.6	93	78.4	1.6	2.4	7.8	7.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	733.4

BORONGAN.

[φ=11° 37′ N; λ=125° 26′ E; barometer above sea, 10 meters; gravity correction not applied, −1.81 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.23	59.67	22.2	28.3	98	77	Calm	NE 3	6	8	8.9	62.73	61.71	23	28.9	94	65	Calm	ENE 2	6	3	------
2	61.13	60.03	24	27.6	96	81	Calm	ENE 3	9	9	8.4	62.36	61.01	20.5	29.4	97	64	Calm	ENE 3	8	5	------
3	60.76	60.07	26	25	84	85	NE 2	NE 3	10	10	41.4	60.77	59.92	18.6	29	99	61	Calm	ENE 3	4	7	------
4	61.74	60.77	24	27.1	96	87	Calm	ENE 3	10	10	49.6	61.05	59.76	20.1	28.7	98	68	Calm	E 3	3	4	------
5	62.11	60.22	26	28	89	81	Calm	ENE 2	9	10	37.6	61.80	60.42	20.7	26.6	98	83	Calm	ENE 3	8	8	2.5
6	62.25	60.23	24	28.8	95	75	ESE 3	ESE 3	10	10	9.9	61.63	60.42	22.1	29	98	68	Calm	SE 3	8	8	------
7	60.84	59.61	21.6	29	99	72	Calm	ESE 2	1	5	------	61.61	60.76	19.5	29	98	68	Calm	ESE 3	6	5	------
8	61.05	59.41	21.9	29	98	76	Calm	NE 3	5	5	2.5	62.25	61.01	20.4	29.5	96	61	Calm	ESE 3	8	5	------
9	61.28	60.33	25	24.9	95	96	ENE 4	ESE 3	10	10	62.7	62.23	61.26	20.7	29.9	97	63	Calm	ESE 3	5	5	------
10	61.92	61.17	25.2	26.4	92	90	NE 4	NE 3	10	10	19.8	61.25	60.46	20.5	26.7	97	83	Calm	E 1	8	9	8.4
11	62.93	61.56	24.6	28.6	95	76	NNE 2	NE 2	10	9	5.8	60.24	59.62	21.9	29.2	97	68	Calm	E 3	7	8	.8
12	62.30	60.96	19.6	28.9	99	69	Calm	NE 3	7	5	4.8	60.45	59.66	22.5	29.7	97	68	Calm	E 3	8	7	1.8
13	62.98	61.83	22.2	28.5	98	75	Calm	NE 3	10	6	11.4	60.98	60.40	26	30.4	84	50	E 3	NE 3	9	2	------
14	62.73	62.02	25.5	28.5	92	77	N 4	NNE 5	9	7	16.8	60.76	61.26	25.9	29	85	67	NE 3	NE 3	9	6	------
15	63	62.14	25.5	27.5	95	73	NE 5	N 4	6	6	.3	62.92	62.16	26.4	30	79	62	E 3	E 3	10	9	.8
16	63.44	62.78	25.2	27.3	98	78	N 3	N 3	10	10	1.3	62.59	61.35	22.7	30	97	63	Calm	E 3	8	6	------
17	63.47	62.53	25	25.8	96	85	N 3	NNE 3	10	10	23.4	62.31	61.32	19.5	29.4	94	52	Calm	ENE 3	5	3	------
18	63.92	62.73	24.6	26.5	91	84	NE 4	NE 3	10	10	39.6	61.60	61.11	19.9	30	97	58	Calm	ENE 3	5	5	------
19	62.50	60.93	22.9	29.4	97	75	Calm	NE 3	10	8	4.3	62.70	61.36	20	29.6	96	61	Calm	ENE 3	7	4	------
20	61.43	59.55	22.2	27.5	98	82	Calm	NE 3	10	9	27.2	62.44	61.34	19	29	98	57	Calm	ENE 3	8	6	------
21	61.70	60.23	24	28.5	97	76	Calm	NE 3	10	8	13.7	62.82	61.31	19.8	29.2	96	61	Calm	ENE 3	9	5	.5
22	62.32	60.96	22.4	29.4	96	68	Calm	NE 2	6	5	------	62.73	61.27	21.9	29.2	92	66	Calm	ESE 3	10	6	2.3
23	62.09	61.02	20.2	28.9	98	56	Calm	NE 2	5	2	------	62.55	61.97	21	27.7	96	73	Calm	NE 4	10	9	2
24	61.78	60.23	20	28.6	96	65	Calm	NE 3	9	4	------	62.74	61.38	21.2	29.8	96	65	Calm	NE 3	7	7	------
25	62.78	61.63	20.2	28.3	98	53	Calm	NE 3	5	1	------	62.76	61.31	26.2	29.7	75	64	NE 3	NE 3	8	6	2.5
26	62.70	61.36	18.5	28.4	95	72	Calm	NE 3	0	9	12.4	62.24	61.21	23.6	29.8	84	63	Calm	ENE 3	9	7	.8
27	61.93	60.51	21.5	29	98	69	Calm	NE 2	3	5	3.3	61.64	60.48	22.4	28.9	96	65	Calm	ENE 3	8	9	4.3
28	60.93	60.32	23	29.2	97	71	Calm	NE 3	10	8	4.3	62.02	60.57	22.1	28.7	95	69	Calm	E 3	10	6	8.1
29	62.20	61.22	20.5	29.4	98	65	Calm	NE 3	6	8	------	------	------	------	------	------	------	------	------	------	------	------
30	61.62	61.12	21.2	29	98	66	Calm	NE 3	8	5	------	------	------	------	------	------	------	------	------	------	------	------
31	62.21	61.48	25.6	29.3	81	68	ENE 2	ENE 3	8	6	------	------	------	------	------	------	------	------	------	------	------	------
Mean	62.11	60.92	23	28.1	95.3	74.9	1.2	2.9	7.8	7.4	------	61.93	60.92	21.7	29.1	93.8	64.9	0.4	2.9	7.5	6.1	------
Total	------	------	------	------	------	------	------	------	------	------	409.4	------	------	------	------	------	------	------	------	------	------	34.8

Day.	MARCH.											APRIL.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.76	61.36	22	29.8	95	63	Calm	NE 3	7	6	4.8	61.39	59.85	23.5	30.2	98	66	Calm	E 3	7	5	0.3
2	62.88	62.10	22.6	30	95	64	Calm	NE 3	9	7	------	60.68	60.30	24.3	30	97	73	Calm	E 3	8	5	------
3	62.71	62.19	26.3	27.4	81	74	ENE 3	E 3	6	10	9.6	61.38	60.96	23.1	29	98	76	Calm	E 3	5	8	------
4	63.64	63.31	26	30	83	67	E 3	E 3	5	5	------	61.95	60.55	23.9	30	97	68	Calm	E 3	5	2	------
5	63.49	62.37	21.5	29.7	95	66	Calm	E 3	8	6	3.6	62.66	61.10	21	30	98	65	Calm	E 3	5	3	------
6	63	61.46	21.3	27.5	97	73	Calm	NE 2	8	10	9.4	63	61.80	22.5	29.9	96	59	Calm	E 3	8	3	------
7	62.30	61.59	23.5	27.3	97	82	Calm	ENE 1	9	10	8.9	62.24	61.38	21.9	30.5	96	62	Calm	E 3	5	3	------
8	62.80	62.42	23	28.4	98	77	Calm	NE 3	6	10	2.5	62.22	60.99	22.4	28.9	96	81	Calm	ENE 3	10	7	14.5
9	63.37	62.66	22.7	26.2	97	81	Calm	E 3	5	10	40.9	61.84	61.26	27	29.7	87	77	ENE 3	E 3	7	10	17
10	63.08	62.48	22.1	27.5	98	77	Calm	ESE 3	8	9	1.3	61.88	60.83	26.5	29.8	88	73	E 3	E 2	9	5	------
11	63.55	61.66	20.4	29.8	98	64	Calm	ESE 3	2	5	5.8	61.18	60.18	22.8	30	97	68	Calm	E 2	6	5	2
12	61.80	60.46	22.8	28.9	98	71	Calm	ESE 3	10	6	4.6	61.08	60.71	24	28	98	83	Calm	E 2	10	10	3.1
13	61.80	61.26	20.7	29.1	97	68	Calm	ESE 3	5	3	------	61.59	61.80	26.5	30	90	71	E 4	E 3	10	6	------
14	62.29	60.81	21.2	29.5	97	67	Calm	SE 3	3	3	------	61.47	60.90	26.6	30	83	67	ENE 3	ENE 3	6	6	------
15	62.55	61.46	20.5	30.1	97	64	Calm	SE 3	5	4	------	61.03	60.11	23.2	30	97	66	Calm	ENE 2	5	5	------
16	62.05	60.72	20.9	29	96	68	Calm	E 3	7	5	2.5	60.45	59.45	22.2	30.3	97	66	Calm	ENE 3	4	5	------
17	61.80	60.85	22.7	29.5	97	64	Calm	E 3	9	2	------	59.62	58.43	22.4	28.7	98	75	Calm	ENE 3	3	9	11.4
18	62.43	61.58	21	29.5	97	68	Calm	E 3	4	5	31.5	59.40	59.02	23.5	30.2	98	74	Calm	ESE 3	10	5	------
19	62.90	62.13	23.5	28.9	97	71	Calm	NE 3	10	8	13	60.29	59.58	22.9	30.6	98	68	Calm	ESE 2	7	6	3
20	63.24	61.63	23.5	28.5	91	62	Calm	NE 3	10	8	------	61.03	60.28	25.6	30.1	90	70	ENE 3	E 3	8	5	1.3
21	62.01	61.31	25.9	29.4	73	62	NE 2	ENE 3	7	3	------	61.02	59.33	25.5	28.9	94	78	Calm	E 3	10	7	9.6
22	61.93	61.03	21.7	29.5	97	65	Calm	E 3	8	6	------	60.71	59.90	27.7	29.5	82	74	E 3	ESE 3	7	8	11.7
23	62.23	60.75	20.9	29.9	96	64	Calm	E 2	4	4	------	60.61	60.13	27	30.5	87	68	E 3	ENE 3	9	5	1
24	63.10	61.23	22.3	29.7	97	64	Calm	E 2	7	4	------	60.91	60.05	25.5	29.5	88	71	Calm	NNE 3	7	8	13.4
25	62.31	60.21	21.6	30	98	67	Calm	E 3	3	3	------	60.47	59.42	25	30	96	71	Calm	NE 2	10	9	12.2
26	60.65	60.51	23.5	25.8	97	81	Calm	Calm	10	10	2.5	59.81	59.12	25.5	29.9	91	71	Calm	E 3	6	5	8.6
27	61.83	61.21	21.3	28.5	97	81	Calm	NE 4	7	10	2.1	59.61	58.71	23.9	29.7	97	73	Calm	E 2	7	7	10.5
28	62.07	60.88	26	29.4	83	71	NNE 3	NNE 3	9	7	31.7	59.30	59.11	23.9	29.9	98	74	Calm	E 3	8	8	------
29	61.83	61.22	24	28.8	98	76	Calm	E 3	10	10	12.7	59.94	58.16	23.8	30.3	98	72	Calm	E 3	3	5	19.3
30	61.94	61.18	24.5	29	97	78	Calm	E 3	9	10	23.6	59.39	58.39	24.6	29	98	74	Calm	Calm	10	10	13.8
31	61.43	60.66	24	30.2	98	71	Calm	E 2	9	6	.8	------	------	------	------	------	------	------	------	------	------	------
Mean	62.41	61.44	22.7	28.6	94.6	70	0.4	2.7	7.1	6.6	------	60.94	60.06	24.3	29.8	94.2	71.1	0.7	2.7	7.2	6.2	------
Total	------	------	------	------	------	------	------	------	------	------	211.8	------	------	------	------	------	------	------	------	------	------	152.7

BORONGAN.

[ϕ = 11° 37′ N; λ = 125° 26′ E; barometer above sea, 10 meters; gravity correction not applied, —1.81 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.94	58.05	24.6	29.7	98	82	Calm	E 2	10	10	18
2	58.86	57.57	24.6	29.2	98	81	Calm	Calm	10	9	.3
3	59.13	58.11	24.9	31.6	98	66	Calm	ESE 3	8	7	------
4	59.20	57.41	22.7	30	98	66	Calm	E 3	4	5	------
5	58.59	57.71	22.4	30.9	96	71	Calm	E 2	5	4	------
6	58.49	58.31	24.9	31.4	98	70	Calm	E 3	7	8	3.6
7	58.13	57.37	24.4	29.5	98	72	Calm	E 1	5	6	2.8
8	58.05	57.81	27.5	29.9	98	71	E 2	E 3	8	5	4.8
9	58.05	57.82	24.4	29.1	97	77	Calm	E 3	10	10	6.9
10	58.22	57.11	25.5	30.6	94	74	Calm	E 3	10	8	------
11	58.48	57.75	25	29.3	98	79	Calm	E 2	9	8	------
12	58.99	58.36	24.5	30.6	98	74	Calm	E 3	5	10	.8
13	58.90	57.75	24.3	31.6	97	73	Calm	ENE 3	3	7	------
14	59.29	57.36	24.8	31.5	98	77	Calm	ESE 3	6	5	.3
15	58.98	57.59	24.5	32	98	71	Calm	ESE 3	6	8	------
16	58.84	57.33	25	30.5	96	72	Calm	ESE 3	5	9	3
17	59.08	58.72	25	30	98	77	Calm	SE 3	9	10	13.2
18	60.43	59.31	24.6	31	98	72	Calm	SE 3	7	5	------
19	61.04	58.95	23.5	31	97	69	Calm	SE 3	5	5	------
20	59.90	56.93	23.7	31.4	97	72	Calm	SE 3	5	5	6.6
21	58.78	56.61	24.3	30.8	97	73	Calm	ESE 2	10	8	------
22	58.03	57.50	24.6	30.9	98	72	Calm	Calm	6	10	16.5
23	58.70	57.71	23.9	28	97	86	Calm	WSW 1	5	9	4.1
24	59.46	58.38	23.9	29.6	97	75	Calm	SSE 2	10	10	.3
25	60	59.16	24.4	30.6	97	76	Calm	SE 3	6	10	1
26	60.43	59.07	24.2	29.4	98	81	Calm	SE 2	4	10	------
27	59.88	58.20	24.2	31	98	74	Calm	ESE 3	5	4	------
28	60.07	58.34	24.5	31.7	97	74	Calm	ESE 3	5	5	------
29	59.76	57.96	25.3	31.8	98	70	Calm	SE 3	5	7	------
30	58.89	57.11	24.8	31	98	73	Calm	SE 3	5	6	------
31	57.93	56.45	24.2	31.9	97	70	Calm	ESE 3	5	3	------
Mean	59.08	57.86	24.5	30.6	97.4	73.9	0.1	2.5	6.5	7.3	------
Total	----	----	----	----	----	----	----	----	----	----	82.2

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.34	57.90	24.1	31.4	97	72	Calm	ESE 3	5	3	------
2	59.71	58.58	23.9	31.5	98	72	Calm	E 3	8	5	8.1
3	59.77	59.69	24.5	27.8	98	80	Calm	NNE 1	6	10	23.1
4	59.91	58.41	25	30	98	81	Calm	SE 3	10	9	4.6
5	58.96	58.28	23.9	31.5	97	70	Calm	SE 3	6	5	3.6
6	59.19	58.76	24.8	27.5	98	90	Calm	SE 1	5	9	13.5
7	59.44	58.31	25	30.4	98	76	Calm	NE 3	7	7	4.1
8	58.48	57	24	31.4	98	70	Calm	NE 3	9	5	------
9	57.45	57.21	23.5	26	97	95	Calm	Calm	8	10	18.8
10	57.40	56.13	24.7	29.5	97	79	Calm	ENE 3	10	8	4.1
11	57.80	56.93	24.4	27.5	98	88	Calm	Calm	10	10	18.8
12	57.99	58.18	24.5	26.7	99	90	Calm	ENE 2	10	10	7.1
13	58.59	57.80	25	30.5	98	77	Calm	ENE 3	10	7	32
14	58.25	56.97	24.5	30.6	99	76	Calm	ENE 3	10	9	8.7
15	58.58	57.62	24.9	29.9	98	80	Calm	E 2	10	7	19.6
16	58.91	58.67	25	29.7	98	83	Calm	E 3	9	10	36.3
17	59.51	58.07	24.1	28.9	99	76	Calm	E 2	10	10	11.7
18	58.02	57.53	27.2	30.2	90	82	E 3	E 3	9	7	21.3
19	57.89	56.75	25.5	31.5	98	74	ESE 3	ESE 3	10	10	24.1
20	57.51	56.73	23.9	29.9	97	78	Calm	ESE 3	10	10	.5
21	57.79	56.96	24.3	30.9	97	74	Calm	ENE 2	10	10	9.7
22	58.24	57.91	24.4	30.2	98	77	Calm	Calm	7	10	15.5
23	58.21	56.46	23.9	30.3	97	78	Calm	NNW 3	10	10	34.3
24	57.98	57.13	24.9	29	98	78	Calm	E 3	10	10	10.2
25	58.24	56.83	24	28.7	98	82	Calm	E 1	7	7	41.4
26	58.60	57.40	23.8	30.5	98	74	Calm	E 2	8	8	5.8
27	58.58	58.05	24.6	31.4	98	76	Calm	E 3	5	10	.8
28	58.68	57.63	25	26.4	98	90	Calm	Calm	10	10	19
29	59.09	58.12	25.7	27.9	86	92	Calm	SSE 2	10	10	30.5
30	59.44	58.42	23.9	29.4	99	84	Calm	WSW 3	10	10	.3
31	----	----	----	----	----	----	----	----	----	----	----
Mean	58.55	57.68	24.6	29.6	97.2	79.8	0.2	2.2	8.6	8.5	------
Total	----	----	----	----	----	----	----	----	----	----	427.5

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.25	57.70	23	31.4	99	72	Calm	SE 3	5	8	------
2	58.34	56.18	24.3	31.5	97	73	Calm	SSE 3	6	6	------
3	57.86	56.19	24.3	31.7	97	76	Calm	SE 3	2	5	------
4	58.73	57.29	24	31.7	98	71	Calm	SE 3	3	5	0.3
5	58.70	58.11	24.7	31.5	97	71	Calm	ESE 3	2	8	------
6	58.88	58.30	24.5	31.3	97	75	Calm	ESE 2	6	8	------
7	59.18	58.86	24.9	30.8	97	74	Calm	ESE 1	5	5	10.9
8	60.66	59.47	24.9	31	98	76	Calm	ESE 3	6	6	7.2
9	60.60	59.62	23.7	31	97	77	Calm	ENE 3	10	5	2.1
10	60.02	59.10	24.8	31.2	98	70	Calm	ENE 3	5	6	26.4
11	59.09	59.07	24.5	26	98	98	Calm	Calm	7	10	26.2
12	59.02	58.49	23	27.5	99	85	Calm	Calm	6	10	15
13	58.39	57.48	23.4	25.8	98	89	Calm	Calm	10	10	64.5
14	57.75	56.70	24.2	28.3	98	82	ESE 2	Calm	10	10	63
15	57.62	57.32	23.8	30.9	97	76	Calm	ESE 2	10	10	9.7
16	58.35	58.60	24.4	25	97	91	Calm	Calm	10	10	23.2
17	58.11	57.02	23.6	30.5	98	77	Calm	ENE 2	10	10	.3
18	57.32	56.08	24.1	28.4	99	85	Calm	WSW 2	8	7	------
19	56.71	56.01	23.5	29.5	99	81	Calm	SE 3	5	7	------
20	56.89	55.97	23.9	31.7	99	72	Calm	SE 3	6	5	.3
21	58.09	56.71	24.4	28.5	99	91	Calm	Calm	8	10	3.8
22	58.60	58.10	24.5	30.5	98	80	Calm	SE 2	10	10	1
23	58.77	57.06	23.8	32.3	97	71	Calm	WSW 3	10	10	------
24	56.65	55.15	24.4	32.5	97	66	Calm	WSW 3	5	10	------
25	56.03	54.76	24.8	31.4	98	72	Calm	WSW 3	10	10	------
26	55.71	54.51	24.4	31.9	96	62	Calm	W 3	10	10	------
27	55.95	54.19	24.9	31	97	75	Calm	W 2	10	10	------
28	54.10	52.83	25.6	28	90	95	SW 1	SW 2	10	10	2.6
29	52.38	51.82	25.6	28.1	92	80	Calm	SW 3	10	10	1.3
30	53.39	53.83	26	28.7	88	75	SSW 1	SSW 2	10	10	------
31	55.53	55.39	24.2	32	94	57	Calm	SSW 3	10	10	------
Mean	57.67	56.71	24.3	30.1	96.9	77.3	0.1	2.1	7.6	8.4	------
Total	----	----	----	----	----	----	----	----	----	----	257.8

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.90	56.01	23.5	32.4	97	63	Calm	SW 3	10	10	------
2	57.66	55.94	23.2	34.9	97	54	Calm	SW 3	8	9	------
3	57.63	56.33	24.5	35	96	52	Calm	SW 3	10	6	------
4	56.63	55.81	25.4	31.7	93	66	Calm	SW 3	10	9	------
5	57.34	57.23	24.9	28	97	88	Calm	SSW 1	10	10	------
6	58.40	57.11	24.9	30.4	95	74	Calm	SSW 3	10	10	------
7	58.54	56.88	23.4	34.5	98	56	Calm	WSW 3	3	8	------
8	57.79	55.27	24.4	35.5	96	49	Calm	W 3	5	6	------
9	56.49	55.32	24	35.5	97	49	Calm	WSW 3	5	6	------
10	57.54	57	24.3	33.3	95	54	Calm	WSW 3	10	10	------
11	58.83	56.70	24.7	33.4	97	60	Calm	WSW 3	10	10	------
12	58.63	56.94	25.3	34	93	53	Calm	WSW 3	10	10	------
13	58.36	55.77	23.7	35.2	97	46	Calm	WSW 3	9	7	------
14	57.89	56.44	24	33.4	96	64	Calm	SE 3	5	6	------
15	58.28	56.80	24.5	31.2	96	74	Calm	SSE 3	6	10	25.4
16	58.20	57.41	25.4	29.4	88	77	Calm	W 3	10	10	------
17	56.94	56.16	24.5	24.9	96	95	Calm	W 3	10	10	22.4
18	56	55.34	23.9	27	99	80	Calm	Calm	9	10	9.1
19	56.05	55.14	23.7	30.3	98	75	Calm	WSW 3	10	10	.3
20	55.99	55.81	24.8	26.8	98	85	Calm	Calm	5	10	3.3
21	56.85	56.05	23.7	33.2	98	53	Calm	WSW 3	5	7	------
22	57.58	56.06	24	33.3	96	52	Calm	WSW 3	10	10	------
23	56.49	56.22	23.8	31.7	97	66	Calm	WSW 2	10	10	3
24	57.35	56.46	24.3	31.2	97	75	Calm	SE 3	10	10	------
25	58.52	57.31	23.7	31	97	69	Calm	WSW 3	10	10	------
26	59.75	57.73	24	32	97	69	Calm	WSW 3	10	7	50.8
27	60.87	59.23	23	29.3	98	73	Calm	SE 3	10	10	1
28	60.02	58.76	22.6	31	98	72	Calm	SE 3	2	5	------
29	59.41	57.68	23.2	31.4	97	68	Calm	SE 3	6	5	------
30	59.16	57.31	23	30.5	96	70	Calm	SE 1	9	10	------
31	58.01	56.58	24.4	27.5	97	82	ENE 1	Calm	10	10	------
Mean	57.87	56.61	24.1	31.6	96.4	66.5	0	2.5	8.3	8.7	------
Total	----	----	----	----	----	----	----	----	----	----	115.3

BORONGAN.

[ϕ=11° 37′ N; λ=125° 26′ E; barometer above sea, 10 meters; gravity correction not applied, −1.81 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.74	57.10	24	25.9	96	88	NW 1	Calm	5	10	14.5
2	58.02	56.15	23.2	30.5	98	68	Calm	WSW 3	5	5	.8
3	57.45	56.02	23.3	30.4	97	72	Calm	WSW 3	9	10	.3
4	56.50	55.86	24.5	29.7	98	71	WSW 1	WSW 3	10	10	1.3
5	55.71	54.35	23.7	33	97	60	Calm	W 3	9	6	-----
6	55.24	53.79	24.9	33.5	96	61	Calm	WSW 3	9	9	6.4
7	55.14	53.62	24	30.7	96	69	Calm	WSW 3	10	10	-----
8	54.76	53.07	24.4	33.2	92	56	Calm	WSW 3	10	9	-----
9	55.58	54.85	24.5	32	92	68	Calm	WSW 3	10	9	-----
10	56.67	55.41	26	32.4	88	58	Calm	SW 3	10	10	-----
11	56.05	55.06	25.9	32.2	92	63	Calm	SW 3	8	10	-----
12	56.08	54.74	25	33.4	93	58	WNW 2	WNW 3	10	9	6.9
13	57.41	55.67	24.4	29	97	83	Calm	NE 3	10	10	31.7
14	57.96	57.23	23.9	28.9	97	75	Calm	SE 2	9	10	1
15	58.87	57.48	24	29.8	97	74	Calm	SSE 3	10	9	-----
16	59.60	59.46	23.5	25.9	97	94	Calm	NE 2	10	10	24.1
17	58.91	57.76	23.9	30.4	97	78	Calm	ENE 3	6	7	8.4
18	59.45	57.12	24.2	30	97	71	E 3	E 1	10	9	5.1
19	58.62	57.12	23.4	29	98	78	Calm	E 2	6	10	-----
20	58.90	57.31	23.6	29.9	98	79	Calm	ESE 3	5	8	-----
21	59.22	57.80	23.9	31.2	97	71	Calm	E 3	5	5	.5
22	58.30	57.03	24.5	31	99	69	Calm	E 3	6	6	-----
23	58.45	56.60	23.7	31.4	97	72	Calm	E 3	5	5	2.5
24	58.04	57.55	23.7	29.5	98	79	Calm	NE 3	5	10	9.7
25	58.59	57.76	23.8	28	97	88	Calm	SSE 1	9	9	-----
26	59.61	57.68	23.8	30.4	97	70	Calm	SE 3	5	8	-----
27	59.32	58.23	23.2	31.8	98	67	Calm	SE 3	7	9	-----
28	59.79	58.48	24	31.2	96	70	Calm	SE 3	5	10	1.3
29	59.31	58.18	24.3	31	97	68	Calm	ENE 3	5	5	-----
30	59.41	58.06	23.8	32	97	69	Calm	NE 3	8	5	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	57.82	56.55	24.1	30.6	96.2	71.6	0.2	2.7	7.7	8.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	114.5

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.14	57.37	24.4	29	96	77	Calm	N 3	8	10	5.1
2	57.25	55.35	24.3	28	97	87	Calm	Calm	8	10	5.8
3	56.17	54.53	24.1	27.9	97	82	Calm	NW 2	9	10	2.3
4	56.25	54.77	24	29.9	96	72	Calm	W 3	10	10	-----
5	56.35	54.52	24.5	26.4	96	90	Calm	WSW 3	10	10	11
6	55.92	54.68	23.4	26	98	92	Calm	WSW 1	10	10	20.8
7	55.77	54.70	22.9	30	98	80	WSW 1	ESE 3	10	10	-----
8	56.17	55.29	23.4	26.7	99	86	Calm	W 2	10	10	-----
9	56.76	55.48	24	32	98	71	Calm	SE 3	5	6	.8
10	58.41	57.45	23.9	30.8	97	76	Calm	ENE 3	8	5	4.6
11	60.08	58.76	24.5	30.6	97	71	Calm	SE 2	7	3	.5
12	59.93	58.41	24.4	25.9	97	93	Calm	Calm	10	10	27.5
13	57.51	56.66	23.8	24.5	97	96	NE 2	Calm	10	10	18.5
14	57.80	56.38	22.7	29.4	98	73	Calm	SE 3	8	8	.8
15	58.51	57.72	23.5	28.9	98	81	Calm	SE 1	8	10	-----
16	58.80	57.10	24.2	31.3	97	70	Calm	NE 3	6	5	.5
17	58.31	57.05	23.7	31.4	98	72	Calm	ENE 3	2	5	-----
18	58.44	56.78	23.8	31.1	97	69	Calm	NE 3	5	6	7.4
19	58.04	56.81	24.6	31.6	98	72	Calm	NE 3	9	6	16.2
20	58.65	56.76	25.5	31	96	75	Calm	NE 3	8	5	9.4
21	57.71	56.38	24.3	27	97	91	Calm	Calm	6	10	29
22	55.41	51.70	23.5	24.5	96	93	NW 2	WNW 3	10	10	70.3
23	52.32	52.58	25.4	28.8	84	76	SSW 2	SSW 4	10	10	4.4
24	55.05	53.84	23.8	29.6	97	77	Calm	SSW 3	8	10	2.8
25	55.70	53.14	23.8	31.7	97	72	Calm	SW 3	7	7	-----
26	56.17	54.45	22.9	30.4	97	76	Calm	SE 2	8	7	-----
27	55.55	54.17	25.5	31.2	91	68	Calm	W 3	10	8	-----
28	55.15	53.18	26.5	28.5	82	74	W 3	SW 4	10	10	-----
29	54.75	54.31	24.9	31.5	92	66	Calm	SW 3	10	10	-----
30	57.36	55.91	23.5	32.5	98	63	Calm	SW 3	10	6	-----
31	58.56	56.51	23.8	30	97	78	Calm	S 3	8	10	-----
Mean	57.03	55.57	24.1	29.3	95.9	78	0.3	2.4	8.3	8.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	237.7

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.46	57.62	23.5	30.8	99	72	Calm	ENE 3	8	5	-----
2	58.11	55.46	23	30.5	98	74	Calm	NNW 3	6	8	50.8
3	49.32	53.57	24.5	28.9	92	76	SW 5	SSW 4	10	10	2
4	59.25	58.40	23.4	31.2	98	77	Calm	SSE 3	5	7	.3
5	59.66	57.73	25	31.2	98	74	Calm	NE 3	8	8	.3
6	58.55	57.28	23.3	30.2	97	69	Calm	ENE 3	7	7	-----
7	58.10	56.90	23.2	30.4	98	69	Calm	ENE 3	5	5	-----
8	58.35	57.25	23.5	31.2	98	72	Calm	NE 3	5	6	.3
9	57.91	56.23	24.3	26.5	97	91	Calm	N 1	8	10	14
10	56.82	56.88	24	27.5	98	82	Calm	SSE 4	10	10	14.7
11	58.90	57.84	24	29.1	97	86	Calm	S 1	10	10	5.8
12	59.11	57.55	23.4	30.3	99	76	Calm	ESE 3	4	5	9.9
13	60.20	58.42	24	28.9	97	80	Calm	ENE 2	8	8	-----
14	60.55	59.40	22.6	30	99	73	Calm	E 3	5	5	9.4
15	60.34	58.48	23.3	29.6	97	81	Calm	ENE 3	5	9	8.9
16	59.02	58.73	23.7	28.5	98	79	Calm	NE 2	6	7	2.3
17	58.59	57.23	23	30.5	98	68	Calm	ENE 3	6	6	8.1
18	59.83	59.48	24.4	28.4	92	78	N 3	NNE 4	10	10	.3
19	60.19	59.06	22.7	29.2	98	72	Calm	NNE 3	8	6	2.8
20	59.85	58.42	24	30	97	71	Calm	NNE 3	5	5	34
21	58.92	57.23	23.5	29.6	98	75	Calm	NNE 3	9	10	55.4
22	57.26	56.45	23.9	27.5	97	84	Calm	NNE 2	10	9	56.7
23	57.82	56	24.4	26.6	98	90	NNE 3	NNE 2	10	10	10.2
24	57.12	55.69	23.2	28.3	98	82	Calm	ENE 2	7	8	-----
25	56.89	55.27	23.7	28	98	80	Calm	Calm	7	8	6.9
26	56.25	55.43	23.8	27.9	97	90	Calm	Calm	5	8	6.8
27	57.61	55.86	23.6	29.6	98	78	Calm	E 3	5	5	3.8
28	57.56	56.52	24.4	30.7	97	74	Calm	E 3	5	5	2
29	57.95	56.96	23.6	30	99	78	Calm	ENE 3	6	7	24.9
30	58.20	57.32	24.3	29	97	81	Calm	NE 2	8	9	33.3
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	58.26	57.16	23.7	29.3	97.4	77.7	0.4	2.6	7	7.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	363.9

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59	57.33	24.1	28.1	98	79	Calm	NNE 3	10	10	18.8
2	58.75	57.19	25	27.9	95	83	ENE 5	NE 3	10	10	57.7
3	58.14	57.19	23.5	26.7	96	89	Calm	NE 3	10	10	17.8
4	57.31	56.19	24.6	25.5	91	83	NNE 2	NNE 2	10	10	21.8
5	55.31	52.43	24.8	24.9	87	88	WNW 3	NW 4	10	10	79.2
6	47.78	46.29	23.5	23	96	91	WNW 4	SW 8	10	10	45.2
7	54.17	53.82	26.3	30.5	98	65	Calm	S 3	10	9	-----
8	57.12	55.51	23	30.1	98	73	Calm	SSE 3	10	6	1.3
9	57.72	56.02	23.9	29.5	97	75	Calm	SE 2	9	10	19.8
10	57.80	56.75	23.4	27.7	97	76	Calm	SE 1	10	10	.3
11	57.46	56.74	22.9	28.8	97	78	Calm	SE 2	9	10	-----
12	57.77	55.81	22.5	30.5	99	72	Calm	SE 3	9	5	-----
13	57.71	55.81	23.2	29.5	98	74	Calm	ESE 2	5	9	-----
14	57.60	56.43	23	29.7	97	71	Calm	E 3	10	9	-----
15	58.31	56.81	23.2	30.2	98	73	Calm	ENE 3	9	6	-----
16	59.10	57.71	23.4	30	98	76	Calm	E 3	5	8	7.9
17	59.21	57.63	23.4	29.5	98	68	Calm	E 3	7	3	.8
18	58.98	57.74	24.9	29	97	82	Calm	NE 3	10	10	47.3
19	59.23	58.17	25	28.5	96	85	Calm	NE 3	10	9	59.7
20	60	59.25	23.6	27.9	99	84	Calm	NE 3	10	10	67.5
21	58.95	58.70	24.4	26	97	94	Calm	Calm	10	10	61.4
22	58.85	58.27	24.1	26.5	99	92	Calm	NNE 3	10	10	36.6
23	59.52	58.34	24	24	96	97	ENE 4	E 4	10	10	79.2
24	59.15	57.85	24.6	27.5	98	86	NE 3	NE 3	10	10	46.8
25	58.50	56.81	24.5	25.4	98	93	Calm	WSW 3	10	10	57.9
26	58.81	57.18	24.3	26.2	97	94	Calm	Calm	10	10	6.6
27	57.72	55.93	23.2	29	98	81	Calm	E 3	8	6	3.8
28	57.61	56.16	24.2	30	98	75	Calm	ENE 3	7	5	2
29	57.94	56.33	24.1	29.5	99	77	Calm	E 2	7	5	.5
30	58.79	57.08	23.3	29.4	97	79	Calm	NE 2	6	9	5.6
31	58.75	56.94	24.8	27	97	88	Calm	NW 2	10	10	66.8
Mean	57.84	56.46	24	28	96.9	81.3	0.7	2.7	9.1	8.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	812.3

MASBATE.

[ϕ=12° 22′ N; λ=123° 36′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.79 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.62	59.78	23.6	30	88	62	N 1	NNW 3	4	3	----
2	61.52	60.32	25.5	28.5	88	74	NNW 2	NNW 2	9	6	0.5
3	61.44	----	23.8	----	89	----	Calm	----	4	----	4.6
4	62.42	60.92	24	27.5	95	77	N 2	NE 2	10	10	3.6
5	62.47	60.38	25	30	93	71	NE 1	NE 3	7	10	.5
6	62.22	60.17	25.2	29.6	93	70	Calm	SE 3	10	7	----
7	61.31	59.25	23.8	31	95	55	Calm	SE 3	6	3	----
8	61.12	59.78	24.4	30.6	92	63	SE 1	E 3	8	3	----
9	61.65	60.45	25.4	25.5	88	91	Calm	NE 3	9	10	1
10	62.35	----	26.2	----	79	----	NE 3	----	10	----	----
11	63.02	61.58	24.4	30.8	92	56	SW 2	E 3	9	4	----
12	62.64	61.22	22.6	29.5	90	46	Calm	NE 3	7	3	----
13	63.34	62.15	24.4	29.5	77	58	N 3	NE 3	9	9	----
14	63.47	62.50	23.5	29	83	55	NE 2	N 3	8	8	----
15	63.79	62.77	24.6	28.5	75	59	N 3	NNE 3	7	6	----
16	64.32	63.15	24.5	29	75	59	NNE 3	N 3	8	8	----
17	64.57	62.92	24.6	29.6	82	56	N 3	N 3	8	7	6.9
18	64.39	63.02	23.4	28.4	93	66	Calm	NE 3	10	8	1.3
19	63.07	61.05	24.8	29.6	80	70	N 3	NNW 3	8	7	----
20	61.84	59.60	24	30.2	96	64	SE 1	SE 3	7	6	----
21	61.84	60.45	25.2	28.6	82	65	N 2	NNW 2	9	6	----
22	62.32	60.55	24.2	30.8	91	56	SE 1	NE 3	6	4	----
23	62.12	60.68	23.4	29.5	93	58	SE 2	SE 3	7	8	----
24	61.97	----	23.6	----	88	----	SE 1	----	7	----	----
25	62.77	61.35	23.8	29.8	88	57	NE 2	SE 1	9	3	----
26	62.74	61.26	23.8	30	69	56	E 3	SE 3	6	3	----
27	61.87	60.45	24.4	30.6	87	44	E 2	NE 3	9	4	----
28	60.84	60.30	23.6	30.4	93	56	SE 1	E 3	8	8	----
29	61.87	61.11	24.4	30.2	88	53	E 2	E 3	8	6	----
30	61.62	60.88	23.5	30	87	60	E 1	SE 3	7	7	2.5
31	62.44	----	23.8	----	95	----	SE 2	----	10	----	1.3
Mean	62.42	61.04	24.2	29.5	87.2	61.4	1.6	2.8	7.9	6.2	----
Total	----	----	----	----	----	----	----	----	----	----	22.2

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	62.97	61.40	24	30	93	60	Calm	NE 3	8	3	----
2	62.17	60.91	23.8	30.2	86	54	SE 1	SE 3	4	3	----
3	60.87	59.77	22.5	30.6	87	43	SE 2	NE 3	6	3	----
4	61.12	59.50	22.8	30.8	91	46	SE 1	SE 3	3	3	----
5	62.39	60.28	23	29.8	91	58	SE 1	E 3	4	6	0.5
6	61.59	60.02	24.4	30	90	60	SE 1	SE 3	10	9	----
7	61.48	----	23.5	----	85	----	E 2	----	8	----	----
8	62.29	61	22.4	31	92	50	SE 1	NE 2	9	4	----
9	62.17	61.13	23.8	30.8	90	56	SE 2	SE 3	6	9	----
10	61.54	60	23.8	29.6	91	63	SE 1	SE 3	9	9	.5
11	60.37	59.35	24	29.8	91	62	SE 1	SE 3	9	9	----
12	60.59	59.23	23.5	32	92	50	SE 1	SE 3	10	3	----
13	60.92	60.38	24.8	31	88	50	NE 2	NE 3	10	3	2.8
14	61.47	61.17	23.4	30.6	90	47	S 2	NE 3	4	4	----
15	63.10	61.65	24.5	31.2	87	48	SE 1	NE 3	9	6	----
16	62.87	61.25	25	31.4	79	50	NE 1	NE 2	8	4	----
17	62.47	61.42	24	31.2	90	36	Calm	SE 3	7	4	----
18	61.89	61.22	23	30	91	53	SE 1	NE 2	6	5	----
19	63.09	61.58	22.2	31.2	91	41	SE 1	SE 3	6	3	----
20	62.34	61.02	23.5	30	84	50	SE 2	SE 3	6	4	----
21	62.87	----	23.8	----	86	----	Calm	----	4	----	----
22	62.69	61.35	24.4	27.5	83	68	SE 2	NNW 3	8	9	----
23	62.92	61.48	24.4	31.5	88	51	SE 1	E 3	8	4	1.8
24	62.84	61.08	23.4	32	91	49	Calm	NE 3	4	4	3.3
25	63.12	61.28	24.2	31.8	90	47	NE 1	E 3	9	3	----
26	62.47	60.93	24	31.8	88	47	E 1	SE 3	9	8	----
27	61.62	60.48	23.6	31.6	90	55	SE 1	E 3	6	8	----
28	61.94	----	24.6	----	83	----	Calm	----	4	----	6.9
Mean	62.08	60.76	23.7	30.7	88.5	51.8	1.1	2.9	6.9	5.2	----
Total	----	----	----	----	----	----	----	----	----	----	15.8

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	62.02	61.05	22.6	31.2	89	51	SE 1	E 3	10	4	----
2	62.94	61.77	24	30	87	55	E 1	E 3	8	6	----
3	62.89	61.95	24.5	31	84	53	NE 3	NE 3	7	6	----
4	63.60	62.98	24.5	32	87	50	SE 1	SE 3	4	4	----
5	63.77	62.08	24.2	32.5	91	50	SE 1	E 3	6	3	----
6	63.14	61.07	24	31.8	87	51	NE 1	SE 3	9	3	----
7	62.47	----	25.6	----	85	----	SE 1	----	6	----	----
8	63	61.73	25	32.8	88	51	NE 1	E 3	6	3	----
9	64.01	62.02	23.4	31.6	93	49	NE 3	E 3	9	5	0.8
10	64.17	61.90	23.6	31.5	97	54	SE 1	SE 3	10	3	3
11	63.27	61.20	25	30	83	62	SE 1	E 3	7	3	----
12	61.72	59.53	24.4	30.8	88	57	NE 1	E 3	8	6	----
13	61.32	60.33	24.2	31	88	53	SE 2	SE 3	9	6	----
14	62.17	----	23.4	----	90	----	E 1	----	4	----	----
15	62.17	60.93	24	32.5	93	40	SSW 1	SE 3	9	8	----
16	62.35	60.51	24.2	31.6	88	52	Calm	NE 3	9	6	2
17	61.85	60.30	25.2	32.5	88	46	NE 1	SE 3	4	4	----
18	62.10	61.45	25	31	88	59	E 1	NNW 3	6	8	----
19	63.56	62.22	24.5	30.8	87	57	SE 2	SE 3	9	8	.5
20	63.19	61.31	24.6	31.8	79	45	NE 3	E 3	9	6	----
21	62.25	----	25.6	----	75	----	NE 2	----	9	----	----
22	61.67	60.65	25	32.4	80	51	E 3	E 3	9	6	----
23	62.45	60.73	26	32.6	94	49	E 3	SE 2	8	6	----
24	63.25	61.15	25.2	32.6	88	54	SE 1	E 3	7	6	----
25	62.67	60.18	24	33	91	47	Calm	SE 3	8	6	----
26	61.14	59.98	24	32.5	87	49	Calm	SE 3	8	7	----
27	61.67	61.03	25.5	31	84	58	SE 2	SE 3	8	7	----
28	62.57	----	26	----	79	----	NE 3	----	7	----	----
29	62.22	61.67	26.2	30.6	79	65	NE 2	NNW 2	9	9	----
30	62.02	60.78	25.8	33	89	50	NE 1	SE 3	8	4	.8
31	61.55	60.35	26	29.6	85	66	NE 1	SE 3	8	8	----
Mean	62.55	61.14	24.7	31.6	86.8	52.7	1.5	2.9	7.7	5.6	----
Total	----	----	----	----	----	----	----	----	----	----	7.1

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.22	----	25.2	----	88	----	SE 2	----	8	----	----
2	60.75	59.65	26	32.8	89	54	NE 1	SE 3	9	6	----
3	61.35	60.20	26.2	32.6	84	50	NE 1	SE 3	9	4	----
4	61.57	59.84	25.4	32.8	92	55	SE 1	SE 3	7	3	----
5	62.17	60.45	24.4	32.8	88	43	SE 1	SE 3	3	3	----
6	63.05	60.90	25.2	32.5	87	46	SE 2	E 3	4	7	----
7	62.04	60.85	23.5	32	90	46	SE 1	SE 3	8	7	----
8	62.50	60.43	26.4	33.5	86	45	NE 3	E 3	4	4	----
9	62	60.88	25.6	32.4	88	56	SE 1	E 3	6	5	----
10	61.92	60.68	25.6	33	91	52	SE 1	E 3	6	7	----
11	61.40	----	25.6	----	82	----	NE 1	----	6	----	----
12	61.17	60.13	26.2	34	89	52	NE 1	NE 3	6	6	----
13	61.97	61.10	26.4	34	89	48	NE 2	NE 3	7	4	----
14	61.68	60.38	25.5	32.6	89	49	Calm	E 3	7	4	----
15	61.08	59.48	25.6	33.4	84	45	NE 2	SE 3	4	4	----
16	60.52	59	25.6	33	87	49	SE 2	SE 3	7	7	----
17	59.47	57.90	24.8	32.2	90	48	SE 1	SE 3	6	7	----
18	59.66	58.55	25.5	32.2	89	52	SE 1	SE 3	7	9	----
19	60.27	59.18	26	34	82	48	NE 2	SE 3	8	4	----
20	61.02	59.95	26.4	31.2	82	58	NE 2	SE 3	4	8	2.5
21	61.32	59.05	25	31.8	93	55	SE 1	NE 3	5	4	2.8
22	60.95	59.85	25.2	28.6	92	76	SE 1	E 1	8	8	2
23	60.97	59.93	25.8	33.2	84	52	NE 2	E 3	5	4	1
24	61.47	60.10	24.2	33	90	47	SE 2	E 3	9	4	1.3
25	60.95	59.35	25	31.2	88	61	SE 1	NE 3	6	9	----
26	60.05	58.75	25.8	33.6	88	49	NE 1	E 3	9	4	----
27	59.54	58.55	26	33.5	88	54	Calm	E 3	3	5	----
28	59.65	58.75	26	33.6	89	46	SE 1	E 3	7	8	----
29	59.95	57.43	26	33.8	89	49	SE 1	SE 2	4	3	----
30	59.09	58.25	25.4	31.6	88	62	Calm	SE 3	6	7	----
Mean	61.02	59.63	25.5	32.7	87.8	51.7	1.3	2.9	6.3	5.5	----
Total	----	----	----	----	----	----	----	----	----	----	9.6

The barometric readings of this station seem to be too high by about 0.50 mm.

MASBATE.

[φ=12° 22′ N; λ=123° 36′ E; barometer above sea, 3.5 meters; gravity correction not applied, −1.79 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.17	57.68	26.8	33.4	90	52	SE 1	E 3	9	9	------
2	58.75	-----	27	-----	90	-----	Calm	--------	10	-----	------
3	58.92	57.57	26.4	26.6	90	86	SE 1	S 2	9	9	1.5
4	58.52	56.72	26.2	31.2	90	55	SE 2	SE 2	9	8	------
5	58.52	57.25	24.5	34.4	89	41	Calm	E 2	6	6	------
6	58.64	57.80	26.6	33.5	84	49	E 2	E 3	4	6	------
7	58.12	56.80	26.2	33	85	55	E 2	E 3	6	4	------
8	58.47	57.40	26.6	32.5	81	56	E 3	E 3	9	4	------
9	58.34	57.68	27	34.5	81	46	E 3	E 3	7	8	------
10	58.32	56.50	26.5	33	86	52	E 2	E 3	6	9	------
11	58.52	56.88	27	34	88	53	SE 1	E 3	9	6	------
12	58.63	57.35	26.6	33.5	86	53	SE 1	E 3	6	9	------
13	58.97	57.20	27	33.5	88	53	SE 1	E 3	8	9	7.9
14	59.22	57.15	25.4	33	88	63	S 3	NE 2	10	8	------
15	58.92	57.15	28	32.6	88	66	Calm	NNW 3	10	8	------
16	58.37	56.93	26.8	28.6	90	84	SE 1	W 2	6	8	.8
17	58.95	57.85	27	31.4	89	66	SE 1	SE 2	8	8	1.3
18	59.76	58.75	27.2	31.5	81	64	S 3	E 3	9	6	------
19	60.30	58.89	27	29.2	88	82	SE 2	SW 3	10	7	8.4
20	59.54	57.23	26.2	28.2	94	77	SE 1	SW 3	6	8	1.8
21	58.60	56.60	27.2	29.6	84	78	S 2	NNW 3	9	8	------
22	58.15	57.35	26.5	29	88	82	SW 3	SW 3	9	10	28.2
23	59.29	57.28	25.6	30.5	90	70	SW 3	SW 3	9	8	------
24	59.32	58.30	26.5	26.5	88	90	SE 1	S 2	10	9	24.2
25	59.92	59.05	26.5	26.4	93	90	SE 2	S 3	4	9	52.1
26	60.06	58.62	26.5	28.5	92	85	E 1	S 3	4	7	.3
27	59.52	57.97	26.6	27.8	92	84	E 1	SE 3	7	9	47.3
28	59.40	58.40	27.2	30.8	90	74	SW 3	N 3	9	6	------
29	59.55	57.70	26.6	31	91	69	SE 1	SW 3	6	8	------
30	58.71	57.05	27.5	33	90	61	SW 2	NNW 2	6	8	------
31	57.75	56.41	27.6	32	84	70	SW 2	S 3	9	8	------
Mean	58.94	57.52	26.7	31.1	88	66.9	1.6	2.7	7.7	7.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	173.8

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.05	57.55	27.2	33.6	90	50	SE 1	E 3	8	3	------
2	59.82	58.10	27.5	34.8	82	49	E 3	SE 3	3	3	------
3	60.44	58.40	28	33.2	83	57	NE 1	E 3	8	7	------
4	59.70	58.18	26.8	30.8	87	60	SE 3	SE 1	10	8	------
5	58.72	57.89	27.4	30.4	84	68	E 3	SW 3	8	8	------
6	59.40	58.43	26.8	31.2	87	67	E 2	E 1	7	7	1.8
7	59.87	58.10	26.4	33.4	90	59	SW 2	E 2	6	6	------
8	58.77	56.40	27.4	32.8	84	57	SE 1	SE 3	5	6	------
9	57.57	56.25	26.5	33.2	88	55	SW 1	SE 3	8	5	------
10	57.63	56.05	27.2	31.6	80	60	SE 1	E 2	8	10	------
11	57.87	56.60	27.2	32.6	87	58	NE 1	E 3	6	9	------
12	58.17	57.78	27.2	31.6	89	67	SE 1	E 3	9	10	------
13	58.42	-----	26.5	-----	85	-----	NE 1	--------	9	-----	------
14	58.35	-----	27.5	-----	85	-----	NE 3	--------	8	-----	------
15	58.70	57.30	28	33.4	83	57	E 1	SE 3	6	6	------
16	58.92	58.28	27.6	31.2	84	71	E 2	SE 3	6	6	------
17	59.17	57.98	27.5	32.2	84	62	NE 3	NE 3	10	9	------
18	58.50	57.33	27.4	31.2	87	67	NE 1	E 3	4	8	------
19	57.97	56.80	27	33.2	89	58	NE 1	E 2	10	8	------
20	57.60	56.53	27.4	32.8	87	61	Calm	SE 3	8	6	------
21	58.05	57.10	26.6	32	89	61	E 1	SE 2	9	8	------
22	58.60	56.70	26.6	34.5	92	52	Calm	E 2	10	7	------
23	57.92	56.43	27.4	33.5	86	57	E 1	E 2	8	7	1.5
24	58.19	57.20	27	28.5	97	78	SE 1	SW 1	10	9	1.3
25	58.39	56.50	26	31.5	90	60	SE 1	E 2	4	7	8.6
26	58.07	57.25	25.2	30.5	94	65	Calm	S 3	9	7	3
27	58.35	57.75	26	32	92	61	SE 1	E 2	7	8	3.6
28	58.99	58.10	25.6	27.6	88	80	SE 1	SW 3	6	8	.5
29	58.84	58.30	26.8	29.4	87	74	W 2	W 2	9	8	------
30	59.50	58.20	26.8	31	89	69	SE 1	NE 2	6	9	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.62	57.41	27	31.9	87.3	62.1	1.4	2.4	7.5	7.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	20.3

JULY.

Day.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.87	57.78	26.5	31.2	90	68	Calm	SW 3	4	6	4.6
2	57.80	56.60	26.2	30.6	94	69	Calm	SW 3	8	9	------
3	57.25	57.08	26.8	31.8	87	65	SW 1	SW 3	7	6	------
4	58.55	57.53	27	32.8	88	69?	SE 1	NNW 2	10	7	------
5	58.95	57.86	27.5	32.2	90	65	SW 2	SW 2	8	7	.5
6	58.92	57.58	27.8	35.2	86	48	SW 1	SE 3	6	4	.3
7	59.69	58.43	27.6	34	87	50	SE 1	SE 2	7	8	5.1
8	60.19	59.25	27.2	31.2	87	66	E 1	SE 2	6	7	------
9	60.74	59.50	27.2	33	89	57	--------	SE 2	6	8	------
10	60.15	58.88	27.8	33.2	83	55	NNE 1	SE 2	9	8	4.8
11	59.27	58.83	27.4	31.5	87	69	NE 2	SE 3	9	9	.5
12	58.83	58.40	26.2	30.6	92	67	Calm	SE 3	8	9	------
13	58.24	57.25	26	29.8	88	70	Calm	SE 3	7	9	5.6
14	57.82	57.10	25.2	28	92	85	Calm	SE 2	7	8	16.7
15	58.32	57.50	24.5	31	96	68	Calm	SE 2	10	6	9.2
16	58.55	59.21	25.6	25	95	95	SSE 2	SE 3	7	10	7.4
17	58.37	57.23	26	31.2	92	68	NW 1	SE 2	9	6	------
18	57.50	56.19	27	30.6	90	69	WNW 2	SW 2	7	8	------
19	56.68	55.53	26	33.8	94	54	Calm	SE 2	5	6	------
20	56.72	56.23	26.6	29.6	94	78	SE 1	NNW 2	8	7	3.8
21	57.65	56.50	26.6	32.4	90	70?	SW 2	NNW 3	8	8	1.8
22	58.70	58.27	27.6	28.2	84	85	SW 3	Calm	9	9	6.6
23	58.75	57.63	27.8	31.2	86	69	SW 3	SW 3	10	8	1.8
24	56.92	55.83	27.6	29.8	91	74	S 2	SW 3	9	9	------
25	55.97	55.23	27.2	30.4	87	70	SW 3	SW 3	10	8	18.5
26	56.14	54.60	27	30.2	97	-----	SW 3	SW 5	8	7	8.4
27	55.47	54.60	26.8	27.8	84	80	SW 1	SW 4	8	9	4.8
28	53.80	53.15	26.8	28.6	90	76	SW 3	SW 5	10	10	11.7
29	51.97	51.65	27.6	27	84	89	SW 5	SW 5	10	9	4.1
30	52.66	53.90	25.2	26.6	95	89	SW 4	SW 2	10	10	9.2
31	54.99	55.02	27.5	29.2	82	76	SW 3	SW 3	9	9	------
Mean	57.59	56.79	26.8	30.6	89.4	68.2	1.6	2.7	8	7.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	125.4

AUGUST.

Day.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	56.75	55.95	27.6	31.2	84	-----	SW 3	SSW 3	7	6	------
2	57.43	56.18	26	31.6	80	60	Calm	SW 3	4	6	------
3	57.65	56.60	27.2	31	84	-----	SW 3	SW 3	8	7	------
4	56.85	55.78	27.5	31.5	85	63	SW 3	SW 3	7	7	------
5	56.97	56.73	27.5	29.8	90	78	SW 3	SW 3	8	10	10.9
6	58.39	57.08	26.4	29.5	86	70	SW 2	SW 3	10	9	4.6
7	58.79	57.35	26.5	30.8	90	64	SW 2	SW 3	4	4	------
8	57.94	55.83	26.5	31.2	90	69	SW 3	SW 3	4	4	------
9	56.12	56.03	27	31.2	86	64	SW 3	SW 3	6	6	------
10	57.50	57	27.2	31	87	65	SW 2	S 3	8	8	------
11	59.20	57.49	27.2	31.5	87	58	SW 2	SW 3	9	8	------
12	58.85	57.15	27	29.8	100?	63	SW 3	SW 3	9	8	------
13	57.75	56.35	27.2	31.8	84	62	SSE 2	SW 3	9	8	------
14	57.40	56.83	27.2	31.2	97	64	SW 2	SW 3	8	7	------
15	57.32	57.35	26.6	30	92	77	SW 2	NW 1	8	8	------
16	58.80	57.40	27.6	30.8	84	71	SW 2	N 1	9	8	21.1
17	57.22	55.97	25.4	30.4	88	61	SW 1	NW 2	10	8	2.1
18	56.12	55.44	26.2	25.8	86	95	SW 2	SW 1	8	9	12
19	56.09	55.45	26.4	26.8	86	90	SW 2	NW 2	6	9	10.4
20	56.37	55.63	27	29.2	86	76	SW 2	NE 2	9	9	32.3
21	56.24	56.13	27.2	30.5	84	71	SW 3	SW 3	8	8	3.8
22	57.37	56.62	26.2	30.6	87	65	SW 2	SW 3	10	9	------
23	56.48	56.48	27	30.6	88	67	SW 3	SW 3	10	7	------
24	57.12	56.65	27.2	30.6	98	69	SW 3	SW 3	9	8	30.5
25	58.39	57.10	26.5	31.4	88	61	SW 2	SW 2	8	8	------
26	59.76	58.13	25.6	30	88	71	SW 2	SW 3	7	7	2
27	60.27	59.40	24.8	27.8	95	80	SW 3	N 2	10	9	39.4
28	59.94	59.15	23.8	30	95	70	S 1	NW 2	6	7	------
29	59.58	58.13	25.4	31.6	90	66	SW 2	NW 3	8	4	------
30	59.25	57.89	26.2	32.2	89	63	SW 1	Calm	9	9	------
31	58.43	57.17	26.4	30.8	85	71	SW 1	NNW 2	9	9	2.3
Mean	57.82	56.85	26.6	30.4	88.4	69.1	2.2	2.5	7.9	7.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	171.4

MASBATE.

[ϕ=12° 22′ N; λ=123° 36′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.79 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.80	57.03	26.5	30	90	71	SW 3	SW 2	8	9	------	59.84	57.78	27.8	32.5	84	62	N 2	NW 2	7	7	------
2	57.84	56.15	27	30.2	88	69	SW 2	S 3	8	6	0.8	57.52	55.88	28	31.5	82	66	NNW 3	NNW 2	10	8	2
3	57.42	56.15	26.8	30.5	98	63	SW 2	SW 3	7	9	------	56.67	54.93	26.8	28.6	90	84	SW 2	SW 3	8	9	3.6
4	56.47	56.17	27.2	27.6	83	84	S 3	SW 2	8	9	3.6	56.47	55.82	26.5	25.6	88	97	SSW 3	NW 2	9	10	31.5
5	56.09	54.88	26.6	30.2	87	-----	SW 2	SW 3	8	7	------	56.82	55.60	25.5	26.2	96	94	SE 1	SW 2	9	9	20.8
6	55.77	54.30	26.8	30.2	84	68	SW 3	SW 4	8	6	1	56.12	54.91	25.4	27.6	93	84	SW 1	S 2	8	8	------
7	55.22	54.08	26.4	29.4	93	70	SW 3	SW 4	9	10	.5	55.49	54.27	25	28.6	96	85	SW 2	W 1	7	6	13.2
8	54.94	53.03	27.2	30.2	92	71	SW 3	SSW 3	9	9	3.3	56.09	54.93	24.6	29.2	97	79	SW 1	S 3	9	7	34.8
9	55.34	55.05	27.2	30.5	87	71	SSW 2	S 2	9	7	2.3	56.47	55.82	24.6	29.2	98	75	Calm	S 3	6	7	------
10	56.69	55.65	26.2	30.5	87	78	Calm	SW 3	9	8	2.3	58.22	57.40	25.6	30.8	93	65	SE 1	E 2	8	6	------
11	55.92	55.50	26.5	30.5	84	66	SW 1	SW 4	9	7	3.3	60.22	58.95	25.6	29.5	95	79	SW 2	SSW 2	6	8	17.5
12	56.89	55.44	26.4	30.2	93	74	SW 2	SW 4	8	8	2.8	60	58.17	26.2	29.2	94	80	SW 1	E 1	7	8	------
13	57.22	56.10	26	29.4	97	76	NNW 2	Calm	10	6	63.3	58.20	56.80	27	26	87	92	NE 2	N 3	10	10	13.2
14	58.19	57.22	24	26.6	97	87	SW 2	SW 2	8	8	------	57.42	56.52	25.2	27.5	92	85	SW 1	NW 2	8	9	6.6
15	58.44	57.04	25.4	31.2	93	67	SW 1	E 1	8	9	.5	58.04	57.75	25.4	25.2	95	95	SW 1	Calm	8	8	36.1
16	59.40	58.93	25.2	30	94	71	SW 1	E 2	8	8	------	58.64	57.67	25.2	32	92	63	SW 2	NNW 2	8	8	------
17	59.19	58.03	26.2	33	89	64	Calm	NNW 2	7	6	8.1	58.67	57.15	25.8	31.8	93	59	SW 2	NNW 2	4	6	------
18	59.19	57.49	25	30	88	73	N 1	NNW 2	10	6	5.1	58.65	56.78	26.2	31.8	89	69	E 1	NE 3	7	4	------
19	58.47	57.13	26.2	27.2	94	87	SW 1	SW 3	7	8	------	58.12	56.98	27.4?	31.8	85	72	NE 1	NNW 3	3	4	.5
20	58.60	57.31	26.2	28.8	94	83	Calm	SW 2	7	7	------	58.65	56.87	27.6	32.8	84	68?	NNW 2	NNW 3	6	7	------
21	58.95	58.33	26.6	32.2	92	52	Calm	E 2	7	6	.3	58.19	56.35	26.2	31.6	92	65	SE 1	N 1	7	7	------
22	58.67	57.28	26.6	31.8	92	65	Calm	NNW 2	6	8	.5	56.95	54.49	27.6	26.2	80	90	NW 3	NW 2	10	10	34.3
23	58.65	56.79	26.2	32.5	94	65	SSE 1	N 1	8	6	16.3	49.64	49.08	26	25.8	94	98	SW 5	SW 6	10	10	20
24	57.85	57.27	26.4	26	94	85	S 1	SW 2	7	7	3.6	52.93	52.25	27	30	80	70	SE 3	SSE 3	9	8	4.1
25	58.47	57.67	25.8	27.8	90	82	SW 1	SW 1	8	7	1	54.49	53.32	27	28.6	84	83	SSE 2	S 3	6	8	1
26	60.02	57.55	26	30	94	71	SSW 2	SW 3	9	6	------	55.74	54.97	26.8	30.6	92	76	SW 2	NNW 1	4	8	9.7
27	59.17	57.94	25	32.6	95	60	Calm	NE 2	6	6	.3	56.28	55.25	27.5	29.4	82	75	W 2	SW 3	9	10	.5
28	60.01	58.43	25.5	28.6	92	79	N 3	SW 3	10	9	.3	55.34	53.20	28	28.2	86	83	SW 3	SW 5	10	10	------
29	59.19	57.83	25.5	32.8	93	57	Calm	NNE 2	6	6	------	53.42	53.50	27.8	29.8	83	77	SW 5	SW 4	10	7	------
30	59.42	58.35	26.4	31	90	67	NE 1	NE 2	6	6	------	56.24	55.63	27.4	31	86	69	SSE 2	SSE 3	10	7	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	57.39	-----	26.8	-----	87	-----	SW 1	--------	8	-----	------
Mean	57.85	56.67	26.2	30	91.3	71.6	1.4	2.4	7.9	7.3	------	56.87	55.63	26.4	29.3	89.3	78	1.9	2.5	7.8	7.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	119.2	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	249.4

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.19	57.25	26.2	30.2	92	64	Calm	E 2	10	8	------	59.12	57.60	26.6	27.2	87	78	NNW 3	NE 3	9	10	51.8
2	58.89	-----	27	-----	84	-----	N 3	--------	6	-----	41.1	59.54	57.82	23.5	26	97	82	NE 1	NE 3	10	10	43.2
3	52.16	51.20	25	26	93	94	SW 4	SW 7	10	10	12.5	58.61	57.74	25.2	26.4	87	84	N 3	N 2	10	10	14.5
4	58.64	57.70	25.6	30	88	80	Calm	E 3	9	6	------	57.86	57.32	25.2	28.2	87	63	N 2	N 2	10	10	------
5	59.67	57.68	26.8	31.8	92	69	E 1	SE 2	7	3	------	56.94	55.07	26.2	28	76	74	N 5	NW 6	10	7	7.6
6	58.44	57	26.2	31.2	87	64	N 2	NE 2	8	4	------	53.23	48.74	23.6	23.4	97	100	NW 6	W 9	10	10	95
7	58.40	57.08	25.2	31.2	94	68	Calm	NNW 2	6	4	------	50.18	51.97	24.5	28.2	84	76	SW 7	S 4	10	10	2
8	58.44	57.50	25.4	31	93	73	Calm	NNW 2	6	7	------	55.97	55.05	25.8	31.4	87	62	SE 3	SSE 3	9	8	------
9	58.74	56.08	26.6	27.2	90	70	NNW 2	NNW 3	8	8	31.2	57.57	56.22	24.6	30.5	95	66	SE 1	WNW 1	9	8	2.5
10	55.70	55.34	25.6	24.6	92	95	SW 2	SW 3	10	10	24.6	58.74	57	23.8	28.5	97	78	SE 2	NE 1	10	10	.8
11	57.84	57.37	25	27.4	93	86	SE 1	NE 1	9	9	2.8	57.44	56.10	25	28.5	92	77	W 2	NNW 3	9	9	------
12	58.49	57.67	25.5	29.5	93	78	Calm	SW 3	7	4	------	57.99	-----	24.8	-----	97	-----	SE 2	--------	9	-----	.8
13	59.88	58.63	25.6	30	97	77	Calm	E 2	7	6	------	57.66	56.28	24.5	25.2	96	97	S 1	SE 2	8	10	20.4
14	60.44	58.95	26.6	31	89	64	N 2	NNE 1	7	4	------	57.79	56.57	-----	26	-----	88	S 1	S 3	7	10	------
15	60.70	58.85	25.6	29.2	81	71	NNE 3	NNE 3	6	8	5.4	58.54	57	25	31	97	68	SW 1	NE 2	10	6	------
16	59.22	57.60	26	32	88	64	N 1	NW 2	7	4	------	58.94	57.65	25.2	29.8	95	76	S 1	NNW 3	8	7	.3
17	58.47	57.85	26.4	26.6	85	89	NNW 2	N 2	6	10	13.4	59.42	57.57	25.8	30.6	90	65	NE 1	NE 2	6	4	------
18	60.07	59.30	24.2	30.4	94	64	NNW 1	N 3	10	5	4.6	59.47	58.27	26.2	29.8	85	71	NNW 2	NNW 1	10	8	15.7
19	60.07	59.07	25.5	29.4	84	70	N 2	NNE 3	8	6	1.8	59.61	58.99	25	25	90	92	NE 2	N 2	8	10	35.8
20	60	58.75	25.5	30	88	66	N 2	NNW 2	8	8	3.3	60.87	59.32	24.5	27	94	87	N 2	NNE 2	10	10	14.2
21	59.04	57.60	25	29.8	90	71	NW 2	NNE 1	10	4	14.8	60.14	59.62	25	25.4	95	95	N 1	NNW 3	10	10	53.4
22	58.02	56.75	25.6	28.8	87	79	N 2	NW 3	7	4	9.2	60.12	58.76	24.5	24.5	96	87	NNW 3	NNW 3	10	10	24.1
23	58.27	56.37	24.6	28.6	91	73	NNW 1	NE 2	9	4	.5	59.94	59.34	24.6	25.2	90	86	NNW 3	N 3	10	10	23.9
24	57.12	55.95	25.2	30.2	94	73	W 2	NNW 1	4	4	------	59.49	58.94	24.4	24.4	88	97	NNW 3	NE 2	10	10	93.2
25	56.75	55.16	25.5	30.4	98	72	NE 1	NE 1	6	6	------	59.24	-----	25.4	-----	92	-----	NNW 3	--------	10	-----	3.3
26	56.09	55.20	26.2	29.8	94	70	SE 1	E 2	8	6	------	59.49	57.92	25.4	25.2	90	95	NE 1	NNE 2	10	10	19.5
27	57.39	55.90	26	29.8	94	71	SE 1	NE 2	7	5	------	58.19	55.92	25	28.5	96	81	NNW 2	NNW 3	10	9	------
28	57.74	56.40	26.2	31	90	64	SE 1	E 2	4	3	------	57.39	55.92	25	29.6	96	70	SE 1	E 2	7	3	------
29	58.17	56.83	25.2	31	94	69	NE 1	NNW 2	7	8	------	57.84	56.10	25.5	30	96	69	NE 1	NE 2	7	6	------
30	58.79	57.55	26.6	31.5	87	66	NNW 2	N 3	6	9	4.3	58.89	57.60	25.4	29.8	93	76	SE 1	NNW 1	6	8	.3
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	59.35	57.47	26.5	28.2	82	80	N 2	NW 3	10	10	------
Mean	58.36	57.05	25.7	29.6	90.5	72.9	1.4	2.3	7.4	6.1	------	58.24	56.89	25.1	27.6	91.5	80	2.2	2.7	9.1	8.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	169.5	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	522.3

ROMBLON.

[ϕ=12° 35′ N; λ=122° 16′ E; barometer above sea, 7 meters; gravity correction not applied, —1.78 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.59	59.51	24.5	30	83	66	NE 4	NE 4	7	1	------
2	60.71	59.51	23.5	29.7	97	74	NE 1	NE 3	9	6	------
3	60.29	59.90	25.4	30.5	83	63	NE 4	NE 4	6	1	------
4	61.45	60.42	25.8	28.6	85	76	N 4	N 4	10	10	9.7
5	61.28	59.65	25.2	30.8	94	76	N 3	ENE 3	10	3	5.3
6	61.12	59.38	25.8	28.2	93	85	NE 3	ENE 1	10	9	1
7	60.17	58.95	24.5	29.5	97	76	ENE 1	NE 1	5	1	------
8	59.96	59.15	23.1	31	99	72	E 1	E 1	9	1	1.5
9	60.40	59.50	25.5	27.7	90	84	NE 4	NE 4	9	9	13.8
10	61.13	60.55	25.7	30.5	84	72	N 5	N 5	10	7	------
11	62.01	60.97	25.3	30.5	86	72	N 4	NE 3	9	1	------
12	61.57	60.66	23.3	29.5	93	66	ENE 1	N 3	7	1	------
13	62.61	61.62	22.7	29.4	85	68	NNE 1	NE 3	9	0	------
14	62.49	61.61	25	30.9	84	62	N 5	NNE 5	9	0	------
15	62.52	62.12	25.1	29.8	76	62	N 6	N 6	9	1	------
16	63.71	62.62	24.3	28.9	79	65	N 5	NE 4	8	10	------
17	63.77	62.20	24.5	29.9	85	57	N 5	NNE 5	9	1	------
18	63.38	62.25	25.4	27.2	77	72	N 4	N 4	10	10	.3
19	62.14	60.64	24.8	30.6	81	55	NE 3	E 3	8	0	------
20	60.99	59.62	24.8	28.9	88	69	N 1	N 3	9	2	------
21	60.75	59.90	25.7	29.7	81	65	N 4	N 3	8	8	------
22	61.35	60.12	25.5	31	88	64	NNE 1	NE 3	10	1	------
23	60.80	60.11	25.5	29.7	84	65	E 4	NE 3	9	3	3.8
24	60.77	59.55	24.4	28.4	84	69	NE 3	NNE 4	6	3	7.6
25	61.64	60.80	23.3	28.9	96	70	NE 1	NNE 3	10	1	1.8
26	61.52	60.70	24.6	29.4	79	58	NE 3	NE 2	10	1	------
27	60.68	59.80	24.5	28.5	85	71	NE 2	NE 2	9	2	------
28	60.08	59.65	21.7	29.3	98	64	Calm	N 3	9	1	------
29	60.75	60.37	25.5	30.4	83	61	N 4	NE 5	10	3	.5
30	60.72	60.55	24.5	28.4	97	70	NNE 3	NE 3	9	10	4.6
31	61.49	60.81	25.2	30.5	81	65	NNE 4	ENE 4	10	1	------
Mean	61.38	60.43	24.7	29.6	86.9	68.2	3	3.4	8.8	3.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	49.9

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	61.98	60.69	24.5	28.8	85	69	NE 2	NE 2	9	5	------
2	60.94	60.31	24.7	28.8	75	64	E 4	N 2	10	6	------
3	59.68	59.42	23.7	30	84	56	E 4	NE 3	8	2	------
4	60.15	59.10	20.1	29.4	98	66	SSE 1	N 3	10	2	------
5	61.32	59.67	23.6	31	92	54	ENE 3	NNE 4	10	1	------
6	60.63	59.41	25.3	30	84	65	N 3	NE 3	9	9	------
7	59.89	59.73	24.8	31.6	77	52	NNE 3	NE 3	10	1	------
8	61.01	60.35	21.8	29	94	64	SE 2	N 3	5	5	------
9	61.06	60.42	25.1	30.7	84	59	N 3	ENE 3	9	1	------
10	60.41	59.56	25	30.6	84	61	E 1	N 3	8	1	------
11	59.21	58.69	24.8	30	92	64	NE 2	N 3	10	10	2
12	59.47	58.90	25.4	31.6	87	63	E 2	NE 3	10	5	------
13	59.93	59.52	25.3	30	84	69	NNE 1	NE 4	10	1	6.9
14	60.21	60.55	24.5	29.5	78	61	ENE 3	NNE 4	9	1	.5
15	62.49	61.20	23.5	31	90	67	NE 4	NE 3	10	2	------
16	61.97	60.66	25.5	30.8	78	57	NE 3	E 3	10	1	------
17	61.43	60.67	23	31	90	57	ENE 1	NE 3	9	1	------
18	60.79	60.72	24.6	30.9	80	50	ENE 3	NNE 3	9	1	------
19	62.02	61.14	21.6	30.2	95	56	SE 1	N 3	7	1	------
20	61.03	60.52	24	30.7	87	59	ENE 1	ENE 3	4	1	------
21	61.62	60.41	24.2	30.6	82	61	ENE 2	NE 3	5	1	2.8
22	61.92	60.59	22.3	30.1	93	65	E 2	NE 3	8	9	------
23	61.56	60.85	25.9	30.3	73	62	SE 3	NNE 3	10	2	------
24	61.86	60.61	24.8	30.6	85	62	NE 2	NE 4	1	0	.5
25	61.86	60.54	24.2	30.5	91	62	E 1	E 4	9	1	6.1
26	61.28	60.60	25.2	30.5	82	65	E 4	NE 3	7	1	------
27	60.61	60.11	24.8	32.1	82	52	NE 3	NNE 3	3	1	------
28	61.05	60.09	25.4	31.1	82	61	NNE 2	NE 4	9	1	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.98	60.18	24.2	30.4	85.3	60.8	2.4	3.1	8.1	2.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	18.8

MARCH.

Day.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	61.03	60.54	24.6	30.7	82	59	NE 3	ENE 3	8	1	------
2	61.93	61.25	25.4	31.7	77	59	NNE 4	NNE 4	7	1	------
3	61.81	61.15	25.3	31.8	81	62	E 5	NE 4	7	1	------
4	62.55	62.34	25.8	32.1	84	63	ENE 4	NE 4	2	2	------
5	62.68	61.65	24.5	31.5	87	55	E 3	NE 3	6	1	------
6	61.85	60.70	25.3	31.4	81	57	E 3	ENE 2	8	2	------
7	61.36	60.48	25.5	32.1	88	63	E 3	NE 3	2	2	------
8	61.75	61.28	25.6	31.5	87	64	ESE 3	NE 3	5	1	------
9	62.58	61.45	25.5	30.8	80	64	NE 3	NE 3	1	3	3.8
10	62.48	61.58	25	31.5	84	63	E 4	NE 3	9	1	------
11	61.92	60.36	25.5	32	87	60	E 4	E 3	9	1	------
12	60.41	59.10	24.4	31.6	85	61	E 2	N 3	9	1	------
13	60.27	59.72	22.5	30.8	97	65	SE 1	N 3	9	7	------
14	60.87	60.22	20.7	32.5	97	60	S 1	N 3	10	2	------
15	61.44	60.58	24.1	27.3	95	88	NE 1	NE 2	7	9	15.7
16	61.24	60.25	24.8	31.1	90	66	NE 3	NE 3	9	6	5.1
17	60.96	59.97	24.7	30.9	94	68	NE 1	NE 2	10	2	------
18	61.06	61.10	24	27.8	99	79	NE 1	N 4	8	9	1
19	62.34	61.79	25.1	30.4	84	62	NE 2	NE 3	3	1	.3
20	62.07	60.74	25.5	32	81	57	NE 4	NE 4	9	1	4.1
21	60.80	60.12	25.3	29.6	87	67	NE 4	N 3	8	8	------
22	60.18	59.88	25.4	31.4	84	62	E 5	NE 4	3	2	------
23	61.15	60.06	25.2	31.4	83	62	ENE 5	ENE 3	3	0	------
24	62.10	60.51	25.5	31.8	82	60	NE 4	E 4	1	2	------
25	61.50	59.73	24.7	33.2	96	62	NE 1	ENE 3	7	1	------
26	60.22	59.35	25.3	31.6	84	56	NE 3	NNE 3	8	0	------
27	60.72	60.17	26	30.8	82	67	NE 3	NE 4	6	7	.8
28	61.11	60.25	25.9	30.1	87	69	NE 4	NE 5	9	7	------
29	61.22	60.73	26	32.1	82	58	NE 3	NE 3	7	5	------
30	61.05	60.38	26.8	33.1	86	60	ENE 4	ENE 5	8	2	------
31	60.58	59.78	26.7	32.5	84	63	NE 3	NE 4	9	1	------
Mean	61.39	60.56	25.1	31.3	86.4	63.3	3	3.3	6.5	2.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	30.8

APRIL.

Day.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.07	58.69	27	32	87	67	ENE 3	N 3	9	3	------
2	59.55	59.05	25.1	30.4	96	75	ESE 1	NE 1	1	6	------
3	59.93	59.59	26.5	30.5	90	67	E 3	N 2	5	7	------
4	60.37	59.33	25.2	32.6	97	66	E 1	ENE 3	7	7	------
5	61.10	59.69	24	33.2	98	60	Calm	ENE 3	1	1	------
6	61.76	60.25	24	33	93	55	SE 2	NE 3	1	1	------
7	61.17	60.20	23.5	33.3	94	50	SSE 1	NE 3	6	0	------
8	61.11	59.90	27.1	33.1	83	58	NE 4	E 3	8	0	------
9	61	60.29	27	32.6	81	65	NE 4	NNE 5	2	6	------
10	60.80	59.69	27.1	32.4	83	66	NE 4	NE 4	7	1	------
11	60.31	58.88	26	31.9	81	58	ENE 4	E 3	1	1	------
12	60.22	59.55	27	33.4	84	62	NNE 3	ENE 3	9	0	------
13	60.96	60.39	26.9	32.7	85	65	ENE 3	NE 4	2	1	1.3
14	60.86	59.79	26.1	33.2	82	58	NE 3	NE 4	1	0	------
15	59.90	59.04	26.4	33.9	79	55	NE 4	NE 3	1	1	------
16	59.37	58.55	24.8	33.5	93	45	ENE 1	NE 4	8	0	------
17	58.32	57.37	24.5	34.8	92	47	E 1	NNE 3	7	1	------
18	58.16	57.77	26.1	32	89	66	E 1	SE 2	3	8	------
19	59.32	58.60	26.7	32.6	79	58	ENE 2	NE 4	3	1	------
20	60.31	59.38	27.3	31	82	71	NE 4	ENE 4	7	10	------
21	60.32	58.43	26.9	32.8	81	65	NE 2	NE 4	1	4	------
22	59.90	58.70	27.2	31	84	65	NE 3	ENE 4	1	1	------
23	60.12	59.34	26.3	32.6	82	62	NE 3	NE 4	5	0	1.8
24	60.23	59.40	26.5	31.6	80	66	NNE 4	NE 4	2	1	21.3
25	60.16	58.35	26.4	32.5	80	58	NE 2	N 4	2	0	------
26	59.27	58.25	26.8	32	82	67	NE 2	NE 2	3	1	7.6
27	58.82	57.90	25	31.2	95	68	NE 1	E 3	8	3	2.5
28	58.69	57.98	26.7	33	85	62	NNE 3	E 3	1	0	------
29	59.06	57.03	27.1	33.5	87	52	NE 1	E 3	8	0	------
30	58.32	57.57	25.6	34.4	88	54	E 1	NE 3	2	2	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	59.98	58.96	26.1	32.6	86.4	61.1	2.4	3.3	4.1	2.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	34.5

The barometric readings of this station seem to be too low by about 0.50 mm.

ROMBLON.

[φ=12° 35′ N; λ=122° 16′ E; barometer above sea, 7 meters; gravity correction not applied, —1.78 mm.]

MAY.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.18	56.74	27.6	34.5	86	52	NE 3	NE 3	9	8	0.5
2	57.81	56.60	25.8	32.1	93	66	Calm	N 3	9	7	.3
3	57.81	56.57	26.1	29.4	93	79	Calm	N 1	9	7	16.8
4	57.43	55.97	25.4	30.5	97	73	Calm	Calm	8	6	8.4
5	57.44	56.47	25.7	34.1	95	56	Calm	NE 3	8	2	-----
6	57.36	57.23	27.6	32.8	78	57	ENE 4	NE 3	3	0	-----
7	57.11	56.10	27.3	32.8	78	60	ENE 1	NE 3	1	5	.5
8	57.51	56.74	27.2	32.9	80	54	NE 3	NNE 4	5	1	3.6
9	57.21	57	27.6	33	79	56	ENE 4	NNE 3	8	8	-----
10	57.40	56.10	27.3	32.1	78	63	NE 2	NE 3	6	4	-----
11	57.31	56.66	27.6	32	87	66	S 1	N 2	10	8	-----
12	57.80	57	24.8	31.5	95	68	Calm	E 1	1	7	-----
13	57.91	56.68	26	32.5	94	67	Calm	NNE 1	9	8	-----
14	58.03	56.32	26.8	31.7	86	62	Calm	SW 2	10	9	-----
15	58.31	56.30	28.1	33.5	84	60	SSW 3	S 3	10	7	-----
16	57.21	56.10	27.9	33.6	88	57	S 1	N 3	8	8	1
17	57.64	56.68	26.4	34	92	55	E 1	SE 3	10	3	1.5
18	58.66	58.28	27.2	31.5	91	69	SE 1	S 3	9	9	.5
19	59.13	58.18	25.2	33.2	95	60	S 1	S 3	9	8	-----
20	58.22	56.93	28	33.9	83	58	S 1	S 3	7	8	-----
21	57.45	55.58	28	34	85	56	Calm	S 3	9	6	-----
22	56.95	55.93	27.5	33.2	83	57	SSW 2	SW 3	8	8	10.7
23	58.07	56.70	25.4	31.4	89	66	S 3	SW 5	9	6	.3
24	58.11	57.09	26.1	33.9	89	55	S 1	S 3	2	6	4.8
25	58.88	57.58	27.3	34	91	56	S 1	S 2	7	3	14
26	58.96	57.73	25.7	32.7	95	69	Calm	E 1	8	5	-----
27	58.38	57.29	25.5	33.2	94	60	Calm	S 3	8	1	-----
28	58.48	57.66	27.2	33.9	85	58	SSW 1	SSW 3	10	9	-----
29	58.69	57.18	26	33.1	94	63	Calm	SSW 2	8	6	-----
30	57.76	55.96	25.5	33.8	94	61	Calm	NE 3	1	6	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	57.91	56.78	26.7	32.8	88.4	61.3	1.1	2.6	7.3	6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	62.9

JUNE.[b]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
2	58.72	57.62	28.6	35.1	83	54	NE 1	NE 2	2	3	-----
3	59.36	57.34	28.5	34.8	79	52	E 1	ENE 1	6	1	1.3
4	58.75	57.22	27.2	33	89	63	NE 1	NE 3	9	8	-----
5	57.44	57.29	26	30.5	91	71	SE 1	SSE 1	4	9	-----
6	58.17	57.56	28.2	33.8	78	57	E 2	ENE 2	5	5	-----
7	58.47	57.09	28.3	33.7	78	58	E 4	NNE 3	8	7	.3
8	57.85	55.99	27.3	34.2	85	54	ENE 2	NE 3	2	1	-----
9	56.48	55.56	28	35.6	77	45	NE 2	N 4	6	3	-----
10	56.35	55.49	28	34.6	77	55	E 2	NE 3	5	3	.8
11	56.86	55.40	28	31.4	81	68	NNE 2	NE 3	10	8	-----
12	57.07	56.80	26.6	32.2	90	66	S 3	NE 2	10	9	.5
13	57.31	56.49	27.9	33.1	82	61	NE 3	SSE 3	9	7	-----
14	57.37	56	28.4	32.8	81	67	NE 3	ENE 5	7	3	1
15	57.42	56.75	26.5	33.3	86	62	SE 1	NNW 3	9	7	-----
16	57.95	57.64	28.8	32.7	80	66	NE 4	NNE 3	8	8	-----
17	58.05	57.10	28.5	30.7	81	69	NE 5	NE 5	10	8	-----
18	57.48	56.16	28.5	34.5	79	59	NE 6	NE 5	7	1	-----
19	56.98	56.02	28.3	32.1	79	63	E 3	NNW 3	1	8	27.2
20	56.53	55.82	25.5	32.5	92	67	SE 2	NNE 1	8	9	53.8
21	57.18	56.27	25.8	30.8	96	72	SE 2	SE 2	9	9	5.6
22	57.57	56.12	25.9	32.5	97	63	ENE 1	NE 3	10	10	.3
23	56.84	55.68	26.2	32.5	94	63	NE 1	NE 3	10	8	1.8
24	57.13	56.17	26.4	30.8	95	70	E 1	N 1	10	9	-----
25	57.49	55.92	26.5	30	94	73	Calm	SSW 2	9	5	18.5
26	57.02	56.16	25.2	31.5	96	68	SW 2	SSW 3	10	9	6.1
27	57.25	57.63	26	27.3	92	82	S 3	NW 3	9	10	32.7
28	57.80	57.13	26.5	32.1	86	66	WSW 2	SSW 3	1	3	-----
29	57.78	57.29	27.1	31.5	83	67	S 1	SSW 4	9	9	-----
30	58.50	57.29	27.8	32	82	67	S 3	SSW 3	9	9	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	57.31	56.37	27	32.1	82.8	61.6	2.1	2.7	7.1	6.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	149.9

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.67	57.08	27	31.8	88	70	SSW 1	WSW 2	10	4	2.8
2	56.57	55.84	27.6	32	84	67	SW 3	SSW 3	10	10	-----
3	56.08	55.39	26.7	34	87	58	S 3	SSE 3	1	4	-----
4	57.41	56.49	28	32.8	81	64	SSW 2	SSW 4	1	1	-----
5	58.05	57.06	27.4	33.5	88	64	S 3	SSW 3	1	2	-----
6	58.35	56.87	26.5	32.8	96	63	Calm	NNW 3	3	7	25.7
7	58.85	57.39	24.8	32.7	93	66	SSE 3	ENE 3	9	1	18
8	59.26	58.51	25.7	32.2	96	69	Calm	NE 2	1	4	18.8
9	59.68	58.80	27.2	33.2	90	69	ENE 3	NE 3	4	8	13
10	59.28	58.64	27.3	31.6	91	71	NE 3	NE 3	7	7	.8
11	58.51	58.50	25.9	31.6	94	70	ENE 3	ENE 2	9	7	-----
12	57.91	57.30	26.5	32.2	94	67	NE 2	NE 3	9	6	15.2
13	57.33	56.28	26	33.2	92	62	ENE 2	NE 1	3	2	3
14	56.73	56.39	26.4	30.7	89	67	NE 3	NE 5	9	10	47.5
15	56.85	56.76	24.3	31.2	91	73	SE 4	NE 3	10	9	14.5
16	57.58	57.45	27.3	31.5	82	67	NNE 3	NE 4	10	10	-----
17	57.33	56.74	25.5	31.5	96	74	NE 2	NE 4	9	10	25.2
18	56.84	55.60	24.5	31.6	92	66	NE 2	N 2	10	9	53.3
19	55.82	55.06	24.8	31.4	98	76	Calm	NNE 1	1	7	8.9
20	55.54	55.32	25.1	31.6	98	69	Calm	N 2	7	8	-----
21	56.52	56.03	26.7	32.5	91	70	S 2	SSW 3	6	7	.3
22	58.10	57.61	27.5	32.6	84	69	S 2	SSW 3	7	9	-----
23	57.87	57.02	27.5	31.7	84	68	SSW 1	SSW 4	10	10	-----
24	56.23	54.88	26	32.8	94	63	S 1	SSW 3	10	7	-----
25	55.18	54.80	27.2	29.8	79	77	S 4	S 6	9	9	25.7
26	55.30	53.92	25.7	80.7	94	66	S 6	SSW 6	10	7	28.5
27	54.37	53.13	25.5	29.5	92	75	S 6	S 7	10	10	2
28	52.63	52.46	27	28.5	77	83	SSE 6	S 5	10	10	3.6
29	51.80	51.22	26.6	27.8	86	80	S 6	SSW 7	10	10	35.3
30	51.99	53.34	24.5	25.5	96	91	S 8	S 8	10	10	65.5
31	53.82	53.95	27.4	29.2	80	78	S 9	S 9	10	10	2
Mean	56.66	55.96	26.3	31.4	89.6	70.1	3	3.8	7.3	7.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	409.6

AUGUST.[c]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	55.57	55.39	27.5	31.5	82	66	S 6	S 7	1	2	-----
2	56.37	55.38	27.5	31.6	87	66	S 4	S 6	3	1	-----
3	56.76	55.68	26.8	31.6	88	68	S 4	S 6	9	4	-----
4	56.33	55.25	27.6	31.4	86	71	SW 3	S 5	9	7	-----
5	56.32	55.96	27.6	31	86	72	S 5	S 6	9	10	0.8
6	57.78	56.40	25.6	30.4	90	72	S 3	S 4	10	9	-----
7	58.15	56.81	25.6	30.1	88	71	S 3	SW 4	3	5	.3
8	56.83	55.43	27	31.8	86	68	S 4	S 4	1	1	-----
9	55.40	54.80	27	31	-----	-----	S 5	SSW 5	2	2	.5
10	56.40	55.60	27	31	-----	-----	S 6	S 6	6	9	-----
11	57.80	56.40	26	30	-----	-----	SSW 6	SSW 6	9	9	-----
12	58	56.70	26	30	-----	-----	SSW 6	S 5	6	6	-----
13	56.73	55.94	27.1	29.5	83	77	S 6	S 5	10	9	12.4
14	56.75	56.42	25.3	31.8	91	67	S 4	S 4	1	3	-----
15	56.73	56.76	27.3	32.3	87	69	S 5	S 4	2	3	10.2
16	57.98	56.61	25.6	29.7	97	73	S 1	SSW 2	7	9	5.6
17	56.96	55.40	24.5	25.4	93	88	S 2	N 2	10	10	43.2
18	55.48	54.66	23.8	31.5	97	66	Calm	N 2	8	7	-----
19	55.13	54.67	24.9	30.4	97	71	Calm	SSW 2	8	9	-----
20	55.39	55.13	27.2	26.3	83	90	S 4	S 3	6	10	12.2
21	55.52	56.06	26.4	26.9	86	81	S 5	S 5	9	10	8.6
22	56.48	55.97	26.6	30.4	84	69	S 5	S 4	10	9	-----
23	55.57	55.75	27	31	85	72	S 4	S 5	10	6	-----
24	56.27	55.97	26.5	30.7	89	72	S 4	S 4	8	9	-----
25	57.73	56.53	25.3	31	87	71	SSW 3	S 3	9	8	-----
26	58.63	57.41	26.2	31.3	87	67	S 3	SSW 3	5	1	-----
27	59.27	58.82	26.6	27	83	86	S 4	S 3	10	10	9.9
28	59.33	58.29	23.7	31.2	98	62	S 1	S 3	7	1	-----
29	58.99	57.55	23.5	32	97	67	Calm	N 3	1	1	-----
30	58.63	57.31	24.1	31.8	98	69	Calm	N 2	9	10	1.3
31	57.59	56.36	24.8	32.2	97	68	Calm	N 2	9	9	-----
Mean	57	56.17	26.1	30.4	89.3	71.8	3.4	4	6.7	6.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	105

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[a] 30 days of observation.

[b] 29 days of observation.

[c] The barometric readings from 6 a. m. of the 9th to 2 p. m. of the 12th were taken froma self-recording apparatus.

ROMBLON.

[ϕ=12° 35′ N; λ=122° 16′ E; barometer above sea, 7 meters; gravity correction not applied, —1.78 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.99	55.83	26.1	31.5	90	70	SW 2	S 3	9	9	6.6
2	57.04	55.28	24.6	31.6	97	67	S 2	S 3	10	1	------
3	56.62	55.50	26.5	32	83	66	S 3	S 3	3	8	------
4	55.92	55.41	26.2	31	90	71	S 1	S 3	7	10	------
5	55.24	53.93	26.5	32.5	87	65	SW 3	SSW 4	5	2	------
6	54.93	53.68	26.5	31.6	87	65	SSE 5	S 5	2	1	------
7	53.95	53.67	27	27.8	82	82	S 4	SSE 5	10	10	11.4
8	54.42	52.51	25.8	28.4	89	82	S 5	S 5	10	10	20.5
9	54.29	54.09	25.3	27	92	83	S 4	SSW 5	10	9	20.5
10	55.50	55.70	26.4	25.7	87	87	S 5	S 5	10	10	26.9
11	54.81	54.95	26.8	28.6	87	80	S 4	SW 4	9	9	7.1
12	55.58	55.29	25.2	29.2	96	79	S 1	SW 5	4	7	5.6
13	56.07	55.41	26.4	30.9	90	71	Calm	SW 2	9	1	7.1
14	56.75	56.45	25	31.2	97	73	SW 2	NE 3	10	2	------
15	57.39	56.40	24.7	30.7	94	71	Calm	N 2	9	9	------
16	58.53	57.81	24.1	30.7	97	75	Calm	NE 3	3	7	.3
17	58.58	57.58	26	32.6	91	63	ENE 2	ENE 3	7	1	19.3
18	57.91	56.92	25.6	28.3	98	77	N 2	N 2	10	8	27.9
19	57.65	56.22	24	30.1	98	74	Calm	NW 2	4	9	2
20	57.95	56.52	24.6	30.6	98	74	Calm	NE 3	6	9	------
21	58.08	57.66	25.1	31	97	75	SSE 2	NNE 2	9	7	2.8
22	57.97	56.77	25.5	30.5	94	72	NE 1	N 3	8	2	.5
23	57.84	56.48	25.1	32.4	98	68	N 1	N 3	6	1	21.3
24	57.40	56.16	24.1	31.3	97	73	Calm	N 2	7	5	28.9
25	57.79	56.82	24.1	32.3	98	71	SSE 1	SSW 3	1	5	------
26	58.58	56.90	25.6	31.4	93	72	S 2	S 3	7	7	------
27	58.40	57.02	25.1	30.2	98	75	Calm	Calm	9	7	1.3
28	58.47	57.61	25	29.7	97	72	Calm	NW 2	10	9	1
29	58.57	57.12	24.4	29.2	97	78	Calm	N 2	8	6	1.5
30	58.60	57.93	25.3	32	96	68	Calm	E 2	3	3	2.3
31	------	------	------	------	------	------	------	------	------	------	------
Mean	56.93	55.99	25.4	30.4	93.2	73.3	1.7	3.1	7.2	6.1	------
Total	------	------	------	------	------	------	------	------	------	------	214.8

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.65	57.59	25.7	29.6	97	82	N 1	NNW 3	10	10	2.8
2	57.37	55.45	26.1	32	95	68	N 2	NNW 3	9	8	.5
3	55.78	54.20	27.1	30.5	88	71	NNW 3	NNW 3	8	9	6.6
4	55.70	54.56	24.4	29	97	76	Calm	SSW 3	10	9	2
5	55.80	54.41	24.2	32.2	97	68	Calm	S 3	9	6	------
6	55.05	53.93	24.1	28	97	88	Calm	S 2	8	8	6.9
7	54.63	53.69	23.7	28	98	86	E 1	E 1	8	9	31
8	55	54.23	24.7	28.8	98	80	Calm	SSE 3	9	9	9.6
9	55.55	54.50	25.1	30.5	98	72	Calm	S 4	9	8	.3
10	56.96	56.61	24	30.2	97	71	S 1	SSE 2	8	9	5.3
11	59.72	57.97	24	30.3	97	75	S 1	SSW 2	8	8	3.6
12	59.46	57.34	25.5	31.9	97	71	N 1	NE 2	8	7	15.2
13	57.34	55.86	24.6	27.7	98	87	N 1	NNE 1	9	10	13.7
14	56.38	55.47	24	30.4	98	70	Calm	S 2	6	8	2
15	57.06	56.40	24.1	31.1	97	74	SE 1	SE 3	9	9	------
16	57.87	56.82	24.7	31	97	75	S 1	WSW 3	10	8	------
17	58.23	56.36	23.8	32.9	98	70	Calm	NNW 3	1	1	39.4
18	58	56.23	23.7	32.5	98	73	SSE 1	N 2	4	5	16.2
19	57.23	56.58	24.8	31.8	96	67	N 2	NE 3	1	1	6.6
20	58.23	56.44	25.3	30.9	97	73	NE 1	N 3	3	9	4.6
21	57.56	56.14	26.1	30.9	87	73	NE 2	NE 3	3	8	------
22	56.52	54.40	26.5	28.6	89	80	N 1	NW 4	10	10	49.5
23	52.30	48.41	24.5	25.2	95	97	WNW 6	SW 7	10	10	136.9
24	50.36	50.15	25.2	28.2	91	74	SSE 8	SSE 8	10	10	47.7
25	52.45	52.25	26.3	30.8	86	69	S 7	S 6	4	4	1.8
26	54.73	54.46	24.9	30.1	92	79	SSW 3	S 2	2	6	3
27	56.10	55.02	24.2	30	98	73	Calm	SW 3	7	10	------
28	55.29	52.80	25.2	30.3	96	76	SSW 1	S 3	10	10	------
29	52.80	52.24	25.6	31.5	91	66	S 2	S 4	10	8	.8
30	54.76	54.46	26.8	30.1	86	74	S 6	S 6	10	8	22.3
31	56.33	55.71	24	31.3	96	70	S 2	S 2	7	7	------
Mean	56.14	54.86	24.9	30.2	94.9	75.1	1.8	3.2	7.4	7.8	------
Total	------	------	------	------	------	------	------	------	------	------	428.3

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.97	56.82	24.3	31	97	75	S 1	NNE 2	10	2	22.1
2	58.28	56.57	24.3	29.6	97	77	NE 1	N 3	4	4	26.9
3	54.18	51.32	25.5	23.7	91	88	WNW 4	S 6	10	10	119.9
4	56.67	57.15	25	32.6	92	65	SSE 4	SSE 3	8	7	------
5	58.93	57.48	24	32.7	97	70	Calm	E 3	1	2	1.3
6	57.54	56.77	26.6	31.2	89	64	NNE 3	NNE 3	9	1	1.3
7	57.74	56.72	25	29.8	96	71	NNE 2	NNE 3	6	1	------
8	57.83	57.06	25.1	30.8	95	67	NNE 1	N 3	6	2	8.9
9	58.34	56.22	25	30.9	97	69	N 1	NNW 3	4	4	2
10	56.37	54.16	25.7	25.4	90	88	NNW 4	SW 3	10	10	16
11	56.68	56.46	24.9	31.6	95	66	ESE 1	SSE 3	10	6	16
12	57.73	57.07	24.1	29.5	98	75	ENE 1	SE 1	6	8	6.3
13	59.29	57.66	25.1	31.5	97	66	NE 2	NE 2	5	3	33.5
14	59.96	58.36	25	31.2	96	66	N 1	NE 3	3	1	16.5
15	60.13	58.29	24.6	30.6	95	67	NNE 1	NE 3	7	1	7.6
16	58.99	57.33	25.1	29.8	93	71	NNE 1	N 3	7	1	18.5
17	58.05	57.37	24.8	28.6	96	75	N 1	NNE 4	4	10	11.5
18	59.31	58.91	25.3	30.7	84	62	NE 4	NNE 4	7	1	------
19	59.85	59	25.4	28.1	84	77	N 4	NE 3	5	10	4.1
20	59.44	58.48	25	29	92	77	NNE 3	NNE 3	9	10	3.8
21	58.68	57.12	25.1	30.8	88	70	NNE 4	NNE 3	7	2	3
22	57.48	56.42	25.4	31.5	88	69	N 4	NE 4	7	1	.5
23	57.78	55.75	25.8	30.3	85	68	N 4	NE 3	8	1	4.6
24	56.60	55.35	24.8	30.7	96	72	N 1	NNW 3	8	5	3.5
25	56.23	54.45	24.6	31.3	98	71	NNE 1	NNE 3	8	7	.3
26	55.32	54.44	24.6	28.3	97	85	ENE 2	ENE 2	4	6	52.1
27	56.67	55.32	26	30.8	92	74	ENE 1	NE 3	8	8	16
28	56.99	56.11	26.2	31.5	90	70	E 4	ENE 4	7	1	8.1
29	57.53	56.57	25	30.8	97	72	NNE 1	N 3	2	1	21.8
30	58.25	57.23	25.1	29.6	96	79	ENE 1	N 3	8	9	1.8
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.83	56.60	25.1	30.1	93.3	72.2	2.1	3.1	6.6	4.5	------
Total	------	------	------	------	------	------	------	------	------	------	427.9

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.40	57.27	25.2	28.3	92	77	NNE 2	NNE 4	8	10	24.4
2	58.92	57.77	24	27.6	97	78	NE 4	NNE 5	10	10	19.5
3	58.28	57.32	24.2	26.8	96	83	N 6	N 4	9	10	1.6
4	57.93	57.64	25.5	26.2	83	81	N 6	N 5	9	10	4.1
5	57.11	56.11	25.1	27.6	78	69	N 5	NNW 6	6	10	------
6	55.19	53.40	26	24.7	76	78	NW 6	WNW 5	10	10	92.9
7	47.54	47.63	24.3	24.6	91	81	SSW 9	S 8	10	10	56.2
8	53.94	54.40	26.1	30	87	68	ESE 4	S 4	9	7	------
9	56.47	55.60	24.7	29.2	94	74	SSE 1	SSE 2	2	5	------
10	57.29	56.45	25	28.5	97	78	ENE 1	N 3	7	10	------
11	56.92	55.78	24.1	29.5	96	73	N 1	NNW 3	10	7	------
12	56.96	55.52	23	30.2	98	68	ESE 1	SW 3	7	6	------
13	56.70	55.16	23.4	30.8	97	69	S 1	SSE 3	2	7	2.3
14	57.08	55.62	23.3	28.7	97	84	S 1	E 1	8	8	1.1
15	57.58	56.39	24.6	30.6	98	70	N 1	E 3	9	2	------
16	57.85	57.09	25.5	30.7	96	71	E 3	NE 3	3	3	7.1
17	58.79	57.12	25.5	29.4	96	76	N 2	NE 3	10	4	------
18	58.99	57.97	25.3	29.7	93	75	NNE 1	N 3	10	9	3
19	58.97	58.22	25.3	27.6	88	77	N 5	N 5	10	10	12.9
20	60.14	59.23	24.5	27.3	87	80	N 4	N 5	10	9	3.3
21	60.14	59.38	24.9	26.5	91	82	N 5	N 5	10	10	8.6
22	59.39	58.02	24.5	25.7	92	85	NNE 6	N 6	10	10	6
23	59.61	58.63	24.7	26.8	83	78	NNE 6	NNE 5	10	10	25.7
24	59.73	58.82	23.3	26	93	85	NNE 6	NNE 5	10	10	11.9
25	58.88	57.70	25	29.3	92	76	N 5	NNE 4	10	8	.8
26	58.73	57.42	25	26.5	92	86	N 4	N 4	10	10	7.9
27	57.77	55.71	25.8	28.5	89	78	N 5	NNW 5	10	9	5.6
28	56.43	55.16	25	30.5	92	74	N 3	N 4	10	5	1.5
29	56.79	55.71	26.3	28.3	88	82	NE 4	ENE 3	10	4	8.9
30	58.08	57.38	25.7	30.6	96	70	NNE 2	NNE 4	10	5	1.8
31	58.96	57.11	24	28.3	97	80	N 2	N 4	10	8	------
Mean	57.60	56.54	24.8	28.2	91.7	77	3.6	4.1	8.7	7.9	------
Total	------	------	------	------	------	------	------	------	------	------	307.1

BATAG.

[φ=12° 40′ N; λ=125° 04′ E; barometer above sea, 66.66 meters; gravity correction not applied, −1.77 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.72	58.71	24.8	28.5	85	82	E 2	E 3	7	5	9.1
2	59.72	58.59	24.9	27.7	88	82	E 2	E 3	9	5	------
3	59.43	58.96	24.5	27.8	87	73	E 3	E 4	7	6	34.3
4	60.82	59.57	24	24.4	95	91	E 2	E 3	7	10	2.3
5	60.53	59.03	25.4	28.4	92	82	E 4	E 3	8	5	25.4
6	60.66	58.63	24	26.4	98	90	E 2	E 1	10	8	39.9
7	59.42	58.02	23.5	27.4	96	81	SW 1	E 1	3	3	------
8	59.61	58.54	23	27.5	83	87	Calm	E 1	3	4	------
9	59.57	58.87	25	24	83	93	E 3	E 3	9	9	18
10	60.60	59.60	25	27.3	83	78	E 4	E 4	8	8	------
11	61.45	60.12	24.8	28	85	77	E 3	E 2	7	3	------
12	60.61	59.70	23	27	96	67	E 2	E 1	3	3	------
13	61.36	60.60	24.5	27	87	77	E 3	E 4	8	8	1.8
14	61.57	60.79	24	26	83	81	E 4	E 4	9	7	------
15	61.75	61.21	24.8	26.4	77	73	ENE 4	ENE 4	7	5	------
16	61.81	61.10	24.5	27	79	73	ENE 4	ENE 3	6	5	------
17	62.32	61.14	24.5	27.3	83	73	ENE 4	ENE 4	4	3	7.6
18	62.30	61.27	24.8	26.5	85	77	ENE 4	ENE 3	8	8	5.1
19	61.58	59.55	24	28	87	77	ENE 2	ENE 3	9	3	3.6
20	60.04	58.32	24.5	26.4	91	85	ENE 1	ENE 2	9	3	------
21	60.09	58.92	24	26.8	97	89	NE 2	NE 1	9	8	20.3
22	60.55	59.51	24	27	95	84	NE 1	NE 3	7	3	------
23	60.69	59.40	23	27.5	95	73	NE 1	NE 2	4	3	------
24	60.50	58.64	23.5	27	96	84	NE 1	NE 2	4	3	3.6
25	61.12	60.09	22.5	27	96	67	Calm	NE 3	8	3	------
26	60.33	59.82	23	27.6	91	76	NE 1	NE 3	9	3	------
27	60.09	58.85	24	27.6	91	73	NE 2	NE 2	4	3	------
28	60.28	59.22	24.5	27.8	89	75	NE 1	NE 2	4	3	------
29	60.28	59.71	24	27	83	80	NE 3	NE 3	7	3	------
30	60.08	59.81	24.5	25.5	79	80	NE 3	NE 3	8	9	15.5
31	60.58	59.99	24.5	27.5	84	76	NE 4	NE 3	4	3	------
Mean	60.63	59.56	24.2	27	88.4	79.2	2.4	2.7	6.7	5	------
Total	------	------	------	------	------	------	------	------	------	------	186.5

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	61.06	60.19	24	27.9	86	67	NE 2	NE 2	5	3	------
2	60.96	59.44	24.5	28	79	63	NE 2	NE 2	4	3	------
3	59.61	58.55	23.5	28	82	70	W 1	E 2	6	3	------
4	59.41	58.25	22.5	27.8	94	67	Calm	NE 2	3	3	------
5	60.41	58.97	23	24.5	91	96	Calm	NE 2	4	8	17.8
6	60.12	58.80	23	26.2	99	78	W 1	NE 3	10	9	------
7	60.09	58.80	24	28	83	70	NE 2	NE 3	4	3	------
8	60.54	59.51	22	27	99	77	Calm	NE 3	6	3	------
9	60.52	59.65	24.5	27.8	87	71	NE 2	NE 3	8	6	4.3
10	59.81	58.86	23	27.5	95	77	W 1	NE 3	9	4	------
11	58.69	58.24	24	28	95	77	NE 3	NE 2	9	6	------
12	59.08	58.24	24.4	28	83	73	NE 2	NE 3	3	3	------
13	59.53	59.11	24.5	28.5	79	67	NE 3	NE 2	4	3	------
14	60.04	59.81	24	27.8	91	71	NE 3	NE 4	6	3	------
15	61.25	60.40	24.5	28.9	87	58	NE 4	NE 3	3	3	------
16	61.01	59.71	24.5	28.5	86	67	NE 3	NE 2	7	3	------
17	60.77	59.72	23.3	28.9	94	52	NE 2	NE 2	3	3	------
18	60.03	58.74	24.5	28	79	63	NE 2	NE 3	7	3	5.1
19	60.93	59.75	22.6	28	95	67	NE 1	NE 1	6	4	------
20	60.66	59.79	22.5	27.6	96	63	NE 2	NE 3	5	3	------
21	61.06	59.69	24	27.8	91	67	NE 2	NE 3	4	3	5.3
22	61.09	59.79	23	27.3	88	75	NE 1	NE 2	8	6	------
23	60.99	60.16	24.5	29.5	82	66	NE 3	NE 2	7	3	------
24	61.01	60.14	24.4	28.5	80	70	NE 2	NE 2	6	3	4.1
25	61	59.80	24.4	29	97	71	NE 3	NE 3	4	3	------
26	60.95	59.81	24.5	28.8	79	68	NE 2	NE 2	3	3	------
27	59.97	59.22	24.5	26.5	87	70	NE 3	NE 3	4	6	------
28	60.35	59.53	23	28.6	91	63	NE 1	NE 4	9	3	------
29	------	------	------	------	------	------	------	------	------	------	------
30	------	------	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	60.39	59.38	23.8	27.9	88.4	69.4	1.9	2.5	5.6	3.9	------
Total	------	------	------	------	------	------	------	------	------	------	36.6

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.32	59.72	24.5	28.6	79	63	NE 3	NE 3	4	3	------
2	61.01	60.43	24	28.6	83	66	NE 1	NE 3	6	3	------
3	60.93	60.56	25.4	29.5	76	66	NE 3	NE 3	4	3	7.6
4	61.71	61.50	25	28	88	74	NE 3	NE 3	4	4	------
5	61.91	60.74	24.6	27	88	77	NE 2	NE 3	3	7	1.3
6	61.34	60.16	24.5	29.4	82	67	NE 2	NE 3	4	3	------
7	60.89	60.05	25	28	83	73	E 2	E 3	4	6	------
8	61.84	60.65	24.4	28	91	73	E 2	E 3	4	3	1.5
9	61.72	60.61	23.4	28.8	97	68	E 1	E 3	8	3	------
10	61.84	60.80	23	28	98	71	E 1	E 1	8	7	------
11	61.67	60.24	24	28.4	91	64	E 1	E 2	3	7	1
12	60.05	58.64	23	28.8	95	76	Calm	E 3	8	7	------
13	59.55	59.11	23.6	29	86	67	E 1	E 3	3	3	------
14	60.42	59.22	23	29.9	91	65	E 1	E 3	2	2	------
15	60.73	59.83	23.2	29.4	88	61	E 1	E 3	2	2	------
16	60.40	59.28	24.9	26.8	79	80	E 2	E 2	5	8	------
17	60.07	59.18	23	29.4	99	67	Calm	E 3	4	3	------
18	60.23	60.20	23.8	28.9	93	67	E 1	E 3	3	7	7.6
19	61.41	59.93	24.5	28.5	82	67	E 4	E 3	7	5	------
20	61.81	60.01	24.5	28.5	78	67	E 2	E 3	4	3	------
21	60.36	59.71	24.9	28	72	69	E 3	E 3	4	3	------
22	60.06	59.64	24.6	28.9	74	65	E 3	E 3	4	3	------
23	60.54	59.52	24.5	29	82	68	E 2	E 3	3	3	------
24	61.89	59.71	24.6	29	87	71	E 1	E 3	3	3	------
25	60.63	59.16	24	29.5	88	64	E 1	E 2	3	3	------
26	58.96	59.20	24.4	29.5	83	64	E 2	E 3	3	3	------
27	59.93	59.32	24.5	29	91	64	E 4	E 3	5	4	------
28	60.62	59.84	25.5	28.5	80	67	E 4	E 3	4	5	3.3
29	60.45	60.23	24.8	25.4	88	92	E 4	E 1	7	8	6.4
30	60.39	59.57	25.4	30.5	88	74	E 2	E 3	4	5	5.1
31	59.76	58.88	24.5	27.9	99	82	E 1	E 3	4	7	------
Mean	60.72	59.86	24.3	28.6	86.4	69.6	1.9	2.8	4.3	4.4	------
Total	------	------	------	------	------	------	------	------	------	------	33.8

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.86	58.15	25.5	28.7	88	66	E 2	E 3	4	3	------
2	58.99	58.54	25	30	92	71	E 1	E 3	7	2	------
3	59.54	58.96	25.6	29.4	82	70	E 3	E 4	4	3	------
4	59.96	59.01	24.9	29.5	92	71	E 1	E 3	5	3	------
5	60.48	58.98	24	29	86	68	E 1	E 3	2	3	------
6	61.04	59.86	24.5	29.9	82	62	E 1	E 3	3	3	------
7	59.98	59.52	23.5	30	87	65	Calm	E 3	2	2	------
8	60.71	60.06	25.5	29.6	88	71	E 2	E 3	3	3	------
9	60.31	60.01	26.4	29.5	81	70	E 3	E 4	7	3	8.1
10	60.56	59.64	24.9	29	97	74	E 3	E 3	4	6	4.8
11	59.66	58.62	25.6	29.5	87	66	E 2	E 3	4	3	6.6
12	59.86	59.25	25.5	29.5	91	75	E 1	E 3	4	4	2.5
13	60.36	60.25	25.4	20	92	69	E 3	E 4	4	3	1.3
14	60.25	59.50	25.6	30.4	87	65	E 3	E 3	4	3	------
15	59.62	58.71	25.4	30	88	67	E 2	E 3	4	3	------
16	59.12	58.20	26	30.2	81	66	E 2	E 3	4	3	------
17	58.22	56.86	24.4	29.6	93	67	Calm	E 3	5	3	------
18	58.14	57.50	25.5	30	88	66	E 1	E 3	4	3	------
19	58.82	58.29	26	30	84	69	E 2	E 3	4	3	3.8
20	59.84	58.90	25	30.5	98	71	E 3	E 3	9	3	2.3
21	59.57	58.26	27	29.9	81	65	E 3	E 3	5	3	3.6
22	59.28	58.52	25.4	30	92	68	E 4	E 3	9	3	------
23	59.50	58.79	27	31.5	80	65	E 3	E 3	4	3	------
24	59.60	58.88	26	32	81	57	E 3	E 3	4	3	3.8
25	59.53	58.77	26	29	89	71	E 3	E 3	4	4	5.1
26	58.67	57.96	26	29.8	84	66	E 3	E 3	3	3	9.4
27	58.46	57.51	24	29.5	97	75	E 1	E 4	9	4	------
28	58.22	57.73	26	29	89	71	E 2	E 3	3	3	------
29	58.58	56.65	25	29.6	97	70	E 1	E 3	2	2	------
30	57.73	57.34	26.6	27.6	87	91	E 1	E 2	4	7	4
31	------	------	------	------	------	------	------	------	------	------	------
Mean	59.48	58.64	25.4	29.7	88	68.9	2	3.1	4.5	3.1	------
Total	------	------	------	------	------	------	------	------	------	------	55.3

The barometric readings of this station seem to be too low by about 1 mm.

BATAG.

[φ=12° 40′ N; λ=125° 04′ E; barometer above sea, 66.66 meters; gravity correction not applied, —1.77 mm.]

MAY.[a]

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.78	56.55	25.5	30	96	75	E 2	E 3	9	4	------
2	57.35	56.54	25.5	30.1	96	68	E 1	E 3	6	4	------
3	57.58	56.47	25.6	31.7	95	60	Calm	E 3	4	4	------
4	57.32	55.76	25.4	30	90	65	E 1	E 3	3	4	------
5	57.27	56	25.7	30.2	91	70	Calm	E 3	3	3	------
6	------	------	------	------	------	------	------	------	------	------	------
7	56.96	55.71	26	30.4	92	68	E 2	E 3	8	3	5.6
8	56.88	56.65	27	30	84	67	E 3	E 3	4	3	------
9	56.71	56.49	27	31.4	81	67	E 2	E 3	3	6	------
10	56.94	55.95	27	30.4	80	73	E 1	E 2	6	8	------
11	57.18	56.32	25.5	31.5	99	69	W 1	E 3	4	3	------
12	57.51	56.59	26.2	30.2	94	77	E 1	E 3	3	4	------
13	57.70	56.44	26.7	31.7	91	70	W 1	E 3	6	3	------
14	57.70	55.91	26.5	31.9	90	68	W 1	E 3	5	5	------
15	57.56	56.34	27	29	87	81	E 2	E 2	7	8	.8
16	57.23	56.07	25.9	31	96	65	W 1	E 3	3	4	5.3
17	57.63	57.04	26.2	29.9	94	79	E 2	E 3	3	4	------
18	58.75	57.35	26	31	92	72	E 2	E 3	4	3	------
19	59.27	57.10	25.5	30.6	88	69	W 1	E 3	4	3	------
20	58.25	55.98	25	32.5	93	56	W 1	W 2	3	3	------
21	57.02	55.55	25.4	29.9	97	79	W 1	E 2	8	9	------
22	56.39	55.82	25.9	32.5	96	58	W 1	ENE 2	3	9	------
23	57.33	56.08	25	32	92	54	W 2	SW 3	4	4	------
24	58.59	56.99	25.4	28	88	80	W 1	E 3	9	9	------
25	58.50	57.34	27.4	32	89	75	E 1	E 3	4	4	------
26	58.66	57.42	27.4	30.9	89	72	E 2	E 3	3	5	------
27	58.29	56.88	26.2	30.6	90	74	E 1	E 3	3	3	------
28	58.42	57.01	26	31.9	92	67	W 1	E 2	3	3	------
29	58.22	56.23	26.6	31.9	95	67	E 1	E 3	3	3	------
30	57.41	56.82	27	31	90	75	ESE 2	E 2	3	3	------
31	56.32	55.47	25.5	31.7	96	64	Calm	E 3	3	3	------
Mean	57.62	56.43	26.1	30.9	91.4	69.5	1.3	2.8	4.5	4.5	------
Total	------	------	------	------	------	------	------	------	------	------	11.7

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	56.93	56.71	26.4	31.9	94	67	Calm	E 3	3	3	------
2	58.27	57.23	27.9	32.5	87	63	Calm	E 3	3	3	------
3	58.40	57.35	27.5	32.1	87	63	E 1	E 3	3	4	1.5
4	58.66	57.08	24.1	31	99	72	E 1	E 3	8	4	------
5	57.56	56.48	28?	31	85?	75	E 1	E 2	3	4	------
6	58.99	57.05	27.5	31	85	69	E 3	E 3	6	4	18
7	58.44	57.16	26.4	30	92	75	W 1	E 2	3	4	6.3
8	56.98	55.68	27	31.5	87	69	E 2	E 3	3	3	3
9	56.28	55.48	26.5	30.8	91	73	E 1	E 4	4	4	2
10	55.98	55.56	27.4	28	83	83	E 2	E 2	4	5	65.8
11	56.54	55.96	27.4	28.6	89	80	E 2	SSE 3	5	9	------
12	56.83	57.19	25.4	25.2	93	93	E 1	E 1	9	9	18.3
13	57.36	56.49	26	31	92	65	E 1	E 2	8	3	55.9
14	57.27	55.57	24.5	29.2	99	83	E 1	E 2	9	7	13
15	57.09	56.39	25.4	30	98	80	E 1	E 3	8	3	14.7
16	57.41	57.33	27.5	29	91	78	E 1	ESE 3	3	6	42
17	58.23	57.14	25	28.4	97	86	Calm	E 2	8	9	1.8
18	57.15	56.19	27.7	31	87	76	E 2	E 3	4	4	1.5
19	56.66	55.77	27.6	30.5	87	78	E 2	E 3	4	4	4.1
20	56.23	55.69	25	30	97	77	Calm	E 3	7	7	------
21	56.39	55.92	26.7	28.4	90	82	E 2	E 2	8	9	3
22	56.84	55.95	26.9	30	85	78	E 3	E 2	7	4	21.3
23	56.44	55.44	26	28.5	92	87	E 2	E 2	9	9	7.6
24	56.53	55.87	25	28.5	98	81	W 1	E 3	9	7	29.5
25	57.01	56.39	23.8	28.1	98	81	E 1	E 3	8	9	6.4
26	56.89	56.16	24.9	26.5	96	88	E 2	E 2	5	9	15.7
27	57.13	55.82	25.5	30	99	69	E 1	E 3	3	4	11.2
28	57.45	56.38	25.5	31.6	96	72	W 1	E 2	7	3	23.1
29	57.84	56.89	24.8	26	98	84	W 2	E 2	9	8	1.8
30	57.83	56.85	25.1	29.5	99	77	W 2	E 2	4	8	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.25	56.37	26.1	29.7	92.4	76.8	1.3	2.5	5.8	5.6	------
Total	------	------	------	------	------	------	------	------	------	------	367.5

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.43	56.28	25	31.5	97	62	W 1	E 2	8	8	------
2	56.34	55.11	25.4	29.5	97	80	W 2	E 3	8	7	------
3	56.07	54.91	25.4	31.4	93	75	S 2	E 3	3	3	------
4	57.16	56.12	26	32	92	69	W 1	W 3	2	3	------
5	57.15	55.42	26.5	32.9	94	64	W 1	W 2	3	3	------
6	57.35	56.79	27.8	31.5	86	69	W 1	E 3	3	3	------
7	58.04	57.55	27	31	92	69	W 2	E 3	4	2	------
8	59.09	57.95	26.9	30.4	88	77	W 2	E 3	3	3	5.3
9	59.23	58.23	25	30.5	98	75	E 1	E 3	8	4	6.9
10	58.75	58.08	26	30.4	98	76	W 1	E 2	4	5	71.6
11	57.75	57.65	26	30	92	80	W 2	E 3	6	8	14.2
12	57.75	57.24	26	27.5	98	81	W 2	E 3	5	9	9.1
13	56.93	56.05	25	30	92	75	E 1	E 3	4	7	18.8
14	56.49	56	25.1	28	99	85	W 1	E 2	9	8	87.6
15	56.58	56.37	24	29	97	74	W 1	E 3	9	9	6.6
16	56.95	57.47	25	25.4	99	93	W 1	W 2	9	9	17.2
17	57.07	55.91	24.5	29.4	97	76	E 2	E 3	9	4	------
18	55.81	54.58	24.5	29	96	75	W 1	N 2	4	7	------
19	55.39	54.31	25.4	30.5	93	72	W 1	E 3	4	3	------
20	55.28	54.82	25.2	31.4	98	72	W 2	E 2	3	4	------
21	56.32	55.38	25.5	31.5	96	73	W 1	E 2	3	3	------
22	56.97	56.93	25.3	30.4	98	74	W 2	W 3	8	7	------
23	57.12	56.23	25.5	31.5	96	66	W 2	W 3	4	4	------
24	55.47	54.30	25.6	31.9	93	70	W 2	W 3	9	5	------
25	54.20	53.82	25.8	25.7	92	94	W 1	W 3	4	9	8.4
26	54.07	53.12	24.8	30.4	90	72	SW 3	SW 4	4	5	------
27	53.90	52.73	25.4	30	92	70	SW 2	SW 3	9	9	------
28	52.30	50.70	25.7	29.4	86	70	W 3	SW 4	9	9	------
29	50.85	50.18	26	28.4	84	75	SW 4	SW 4	9	8	------
30	50.60	52.22	25.4	27	88	84	SW 5	SW 4	8	9	2.5
31	54.76	53.85	25.5	29.5	88	65	W 2	W 3	8	8	------
Mean	56.13	55.36	25.6	29.9	93.5	74.6	1.8	2.9	5.9	6.0	------
Total	------	------	------	------	------	------	------	------	------	------	248.2

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	55.16	54.16	25	31.9	97	53	W 2	W 4	4	3	------
2	54.95	53.49	24.5	33	99	54	W 1	W 2	2	3	------
3	56.20	55.06	25	31.9	87	59	W 2	W 3	4	3	------
4	55.31	54.49	25.7	32	94	58	W 2	W 3	3	5	------
5	55.61	55.83	26.6	30.5	87	68	W 2	W 2	5	9	------
6	56.26	55.50	25	30.2	95	70	W 4	W 2	9	8	------
7	57.49	55.62	25	31	92	65	W 1	W 3	3	3	------
8	56.09	54.02	26	32.5	89	58	W 2	W 3	3	3	------
9	54.96	53.54	26.8	32.7	86	62	W 2	W 3	3	4	------
10	55.55	55.28	26.5	30	80	69	W 3	W 3	4	7	------
11	57.68	56.29	26.5	31.5	96	63	W 2	W 3	9	9	------
12	57.45	55.96	26	32.5	84	66	W 3	W 3	8	9	------
13	56.81	55.33	25	31	95	63	W 2	W 3	8	4	------
14	56.41	55.87	25.5	32.5	93	58	W 2	W 3	3	3	------
15	56.26	56.51	25.6	32.6	95	61	W 2	W 3	3	4	4.1
16	57.35	56.63	25	27.3	98	90	W 2	W 1	9	8	21.9
17	56.67?	54.97	23.6	30	98	75	W 2	W 3	9	4	1.3
18	55.12	54.52	24.6	31	98	72	W 2	W 3	6	4	1.5
19	54.86	54.27	25.4	26	88	97	W 2	W 1	4	8	2.8
20	54.90	54.46	25.5	30	91	70	W 2	W 3	4	9	7.4
21	55.55	54.09	25	32	97	66	W 1	W 2	3	7	------
22	56.27	55.12	24.5	32.8	96	60	W 1	W 3	6	6	------
23	54.75	54.91	25.5	31.9	91	61	W 2	W 3	9	9	------
24	55.80	54.97	25.4	31.5	97	63	W 1	W 3	9	7	------
25	56.93	56.18	25	31.9	93	67	W 1	W 2	4	7	------
26	58.15	56.71	24.5	29.5	96	76	W 2	W 3	4	6	18.5
27	58.94	57.54	23.5	30.5	99	68	W 1	W 3	9	6	------
28	58.44	57.97	24.5	31.4	96	60	W 1	W 2	3	3	------
29	58.05	56.74	24.5	30.6	97	69	W 1	W 2	2	3	------
30	57.78	56.27	24.8	28.8	98	82	W 1	W 2	7	8	19
31	57.36	55.87	23.6	27.1	98	83	E 1	W 2	10	9	3.8
Mean	56.42	55.42	25.1	30.9	93.5	67.3	1.8	2.6	5.5	5.8	------
Total	------	------	------	------	------	------	------	------	------	------	80.3

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[a] 30 days of observation.

BATAG.

[ϕ=12° 40′ N; λ=125° 04′ E; barometer above sea, 66.66 meters; gravity correction not applied, −1.77 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	56.33	54.65	24	26.5	98	88	W 1	W 2	8	9	------
2	56.42	54.83	24.4	30.5	97	68	W 3	WSW 3	4	5	------
3	55.89	55.03	25	27.5	95	82	W 1	W 3	6	9	------
4	54.85	54.78	25.4	25.8	93	85	W 2	W 3	9	9	------
5	54.51	53.44	25.2	30.4	93	66	W 3	W 3	8	8	------
6	53.99	52.74	25.5	30.9	91	64	W 3	W 4	4	3	------
7	53.44	52	25.6	31	87	65	W 3	W 4	8	8	------
8	53.18	51.98	26.4	31	81	63	W 3	W 4	9	8	------
9	53.86	53.59	25	32.8	92	54	W 2	W 4	8	4	------
10	54.95	54.62	26.4	31.5	84	59	W 3	W 3	9	7	20.1
11	54.52	53.96	25.5	30.5	94	70	W 2	W 4	7	8	------
12	54.63	53.82	26	30	89	69	W 3	W 4	9	7	53.3
13	55.52	54.82	24.5	30.8	99	69	W 2	W 2	8	7	2.8
14	56.48	55.50	24	31.7	98	68	W 2	W 3	7	3	------
15	57.26	56.12	24.5	29.8	92	77	W 2	W 2	8	3	------
16	59.06	57.69	24.5	27.4	96	86	W 1	E 2	4	8	------
17	58.62	56.50	25.5	30	96	77	Calm	E 3	7	6	14.2
18	57.45	56.05	24	28.6	95	80	E 2	W 2	10	8	2.8
19	57.33	55.47	24.6	29.5	95	76	Calm	E 3	8	4	------
20	57.52	56.17	25.8	28	93	85	E 1	E 3	3	4	2
21	57.80	56.70	26	28.9	92	78	W 1	E 2	5	4	------
22	56.57	55.99	26.4	30.4	89	72	E 1	E 3	4	4	------
23	56.99	55.40	24.9	30.5	99	71	W 1	E 2	4	3	------
24	56.51	55.83	24.5	30.9	99	66	W 1	E 2	3	3	------
25	57.20	56.06	24.5	29.5	97	75	Calm	E 2	3	6	17.8
26	58.42	56.51	24	29.5	99	75	W 1	E 1	4	3	------
27	57.86	56.59	24.5	30.8	96	74	W 1	E 3	7	3	------
28	58.29	57.60	25	27.9	98	84	W 1	E 3	4	7	------
29	57.99	56.71	24.8	28.5	93	81	W 1	E 2	6	7	------
30	58	56.89	25.4	29.3	93	77	E 1	E 2	4	3	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	56.38	55.27	25.1	29.7	93.8	73.5	1.6	2.8	6.3	5.7	------
Total	------	------	------	------	------	------	------	------	------	------	113

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.78	57.17	25.5	28.3	94	82	Calm	E 2	6	8	3.8
2	56.44	54.59	26.5	28.6	94	88	NE 2	NE 2	8	9	36.6
3	55.49	54.35	25	26	99	92	WNW 2	NW 3	7	10	10.4
4	55.42	54.20	24.4	28.5	97	84	W 2	W 2	9	9	------
5	55.21	54.08	24.8	30	97	71	W 2	W 2	6	3	------
6	55.11	53.31	25	29.5	97	75	W 1	N 2	6	3	------
7	54.78	53.90	24.5	30.2	96	75	W 1	E 2	4	3	8.1
8	55.09	54.16	25.4	28	97	89	Calm	W 1	4	8	31.5
9	55.51	54.08	24.5	28.2	99	76	E 1	E 2	9	7	1.8
10	57.14	55.95	24.8	27.7	93	87	N 1	E 3	8	3	------
11	58.84	57.29	25.5	30.5	89	74	Calm	E 2	3	3	1.5
12	58.06	56.78	25	29.5	95	79	W 2	E 2	7	3	52.1
13	56.96	55.07	24	29.8	99	73	W 2	E 1	10	7	18.5
14	56.54	55.31	24	29	97	81	W 1	E 2	6	7	------
15	56.90	56.30	25.5	28.5	96	84	E 2	E 2	8	8	3.8
16	57.47	55.92	25	29.5	95	76	E 1	E 2	3	3	------
17	57.18	55.96	25.3	28.4	94	79	E 2	E 2	3	4	------
18	57.23	55.75	26.5	30	88	77	E 1	ENE 2	3	3	5.6
19	56.46	56.01	26.3	30	93	75	ENE 2	E 3	4	3	4
20	57.50	55.87	26.8	28.9	94	81	E 3	E 3	6	6	------
21	56.43	55.71	26	24.5	90	96	E 2	E 2	4	9	19.8
22	54.48	50.98	24.5	24.5	96	96	N 3	N 4	10	10	143.5
23	48.70	52.36	23.5	26.3	99	85	SW 8	SW 5	9	9	23.1
24	52.73	52.12	25.7	31	86	65	SW 3	SW 3	9	4	------
25	53.80	51.98	25.3	31	89	67	E 2	SW 2	6	7	------
26	54.34	53.16	24.5	30.7	96	63	W 2	W 3	4	4	------
27	54.51	52.82	26.4	29	89	75	SW 3	SW 4	7	8	------
28	52.83	50.79	26	27	89	84	SW 4	SW 5	9	9	------
29	51.50	51.20	26	29.5	84	68	SW 5	SW 3	8	8	------
30	55.25	54.03	26	31.4	85	70	E 2	E 3	4	5	------
31	56.80	55.01	25.4	29.5	95	79	E 2	E 3	4	6	------
Mean	55.60	54.39	25.3	28.8	93.6	78.9	2.1	2.5	6.3	6.1	------
Total	------	------	------	------	------	------	------	------	------	------	364.1

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.79	56.45	25.8	30	93	74	E 2	E 2	7	3	------
2	57.19	54.73	26.5	29.7	85	73	E 3	E 4	3	8	92.7
3	44.77	50.49	24	25	99	88	NW 6	S 5	10	10	50.9
4	57.51	57.43	25.9	29.5	85	75	E 2	E 3	3	3	------
5	58.35	56.54	26.6	29.5	90	81	E 2	E 3	4	7	------
6	57.31	55.82	26.5	29.5	88	75	NE 2	NE 3	4	6	12.4
7	56.60	55.85	24.5	29.6	96	74	NE 1	E 3	4	3	20.3
8	57.03	56.13	25.5	29.5	96	77	E 1	E 3	4	4	1.3
9	56.54	54.78	25.5	26.5	93	96	E 2	ENE 2	5	8	109.5
10	54.58	54.56	23.6	25.5	95	88	SW 3	S 2	9	9	8.6
11	57.60	56.15	25.8	26.9	93	85	E 1	E 3	9	8	6.4
12	57.63	56.16	25.5	29	83	78	E 1	E 2	4	3	------
13	58.55	57.22	25.4	29.9	88	75	E 1	E 2	8	3	------
14	58.85	57.67	24.8	29	97	82	W 1	E 2	8	3	30.5
15	58.92	57.31	24.4	28	93	85	E 2	E 3	4	4	1.3
16	57.91	56.21	25.7	29.9	86	76	E 2	E 2	5	4	2.8
17	57.22	57.24	24.9	26.5	92	88	E 1	E 2	5	9	33.2
18	58.44	58.15	25.9	28.9	77	71	E 3	E 2	9	4	------
19	58.56	57.48	26	29.5	76	75	ENE 3	ENE 3	5	3	------
20	58.59	57.34	25	29	83	78	ENE 2	ENE 2	5	6	12.4
21	57.40	55.99	25.4	27.6	92	83	ENE 2	ENE 3	8	8	2.8
22	56.11	55.40	25.5	27.3	96	84	ENE 2	ENE 3	9	7	24.1
23	56.41	55.11	25.5	24	96	99	ENE 4	ENE 2	10	10	35.6
24	55.79	54.76	24	28.2	98	85	W 1	E 2	9	5	10.2
25	55.17	53.99	25	28.7	97	80	E 1	E 3	8	4	------
26	54.98	54.46	24.5	29.5	97	75	Calm	E 2	4	5	------
27	56.45	54.90	24.5	28.5	96	91	W 1	E 2	4	3	1.5
28	56.43	55.41	25.5	29	96	78	E 1	E 2	5	3	------
29	56.80	55.05?	26.9	30	85	78	E 1	E 2	5	5	10.9
30	57.23	56.21	26	26.4	92	92	E 2	E 2	7	9	1
31	------	------	------	------	------	------	------	------	------	------	------
Mean	56.76	55.83	25.4	28.3	91.1	81.3	1.9	2.5	6.1	5.6	------
Total	------	------	------	------	------	------	------	------	------	------	468.4

DECEMBER.[a]

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.33	56.40	25.8	26	93	92	E 1	E 2	4	9	24.8
2	57.43	55.91	24.1	25.5	99	88	E 1	E 2	9	10	40.9
3	56.88	56.24	24	26	99	90	E 3	E 2	10	9	70.6
4	56.44	56	25.7	26	83	84	ENE 4	E 3	10	9	12.7
5	------	------	25.1	25.5	84	88	E 3	E 3	7	5	------
6	------	------	------	------	------	------	------	------	------	------	------
7	------	------	------	------	------	------	------	------	------	------	------
8	55.05	53.69	25	29	98	78	E 2	E 3	8	3	8.6
9	56.16	54.71	25	28	97	85	E 2	E 2	5	6	6.4
10	56.62	55.54	22.5	25.6	99	92	W 1	W 1	8	9	9.4
11	55.96	54.76	24.2	28.4	98	82	W 1	E 2	9	5	------
12	56.49	54.76	23.5	29.6	96	81	E 1	E 2	4	3	------
13	55.97	54.37	24	29.9	97	65	Calm	NE 2	4	5	------
14	56.31	55.06	24.7	30	94	71	Calm	E 2	8	5	------
15	56.80	55.61	25	30	98	75	E 1	E 2	4	3	------
16	57.46	55.97	25	29.8	97	76	E 1	E 2	3	4	------
17	57.59	56.65	24.9	29.8	96	73	W 1	E 1	8	3	------
18	57.49	56.74	25.9	28	96	88	E 3	ENE 4	6	9	38.6
19	57.67	56.96	24.3	26	99	92	ENE 4	ENE 4	9	10	63.5
20	59.38	57.68	24.5	24.8	99	98	ENE 3	ENE 3	10	10	40.6
21	58.67	56.93	26	26.5	92	85	ENE 2	ENE 3	9	9	41.9
22	57.66	57	24	24.6	99	95	ENE 3	ENE 3	9	9	64
23	57.48	56.30	24	23.8	99	98	ENE 4	ENE 5	10	10	43.2
24	57.69	56.53	23.8	27.6	99	83	ENE 4	ENE 4	10	7	19.1
25	57.08	56.52	23.9	24	97	91	ENE 3	ENE 2	9	9	79
26	56.67?	55.92	26	26.3	94	90	ENE 3	ENE 3	9	9	7.1
27	56.34	54.73	24.5	29.7	96	76	ENE 2	ENE 2	9	8	2.3
28	55.77	54.49	25	29.2	92	78	ENE 1	E 3	8	3	------
29	56.35	54.89	25.6	28.5	90	81	E 1	E 3	5	3	1.3
30	57.42	56.01	24.5	29	99	83	E 1	E 3	8	7	1.3
31	57.50	55.66	26	27.5	87	84	NE 2	NE 2	9	9	30.2
Mean	56.99	55.79	24.7	27.4	95.4	84.2	2	2.6	7.6	6.9	------
Total	------	------	------	------	------	------	------	------	------	------	605.5

[a] 29 days of observation.

GUBAT.

[φ=12° 55′ N; λ=124° 08′ E; barometer above sea, 3.5 meters; gravity correction not applied, −1.77 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	61.16	59.93	23	29.5	91	72	NE 3	NE 3	5	5	3.8	62.68	61.33	25	29.8	88	70	NE 4	E 3	3	3	------
2	60.96	60.08	24.8	29	93	79	N 4	N 4	8	6	12.4	61.86	60.93	25	29.2	82	66	NE 4	E 2	4	3	------
3	61	60.32	26	27	80	80	NE 4	NE 4	4	9	23.6	60.67	59.79	21	29	95	67	NE 2	E 2	4	3	------
4	62.14	61.07	24	27	97	84	NE 2	NE 4	10	8	10.9	60.86	59.46	22.4	28.9	91	67	E 2	E 2	3	3	------
5	61.92	60.39	25.4	28.8	95	80	NE 4	NE 4	8	8	51.8	62	60.33	22.6	29	91	71	E 2	E 2	4	3	------
6	61.94	60.16	25	28.6	97	80	NE 3	NE 2	10	5	4.1	61.11	60.27	24	25.6	91	88	E 2	E 2	5	6	4.3
7	60.75	59.11	23.5	29	96	78	NE 2	NE 2	4	3	------	61.28	60.42	25.2	29	97	69	E 2	E 2	3	3	------
8	60.85	59.83	23.5	29.2	94	74	NE 2	NE 2	5	4	6.1	61.76	61.08	22.2	29	91	69	E 2	E 2	4	3	------
9	61.12	60.39	25.5	25.7	91	91	NE 5	NE 4	5	10	2.8	61.80	61.12	26	27.6	84	71	E 3	E 3	5	5	2.5
10	62.11	61.34	26	28	83	77	NE 6	NE 6	6	6	------	61.21	60.32	24	27	96	83	E 2	E 4	8	8	2
11	62.79	61.60	25.5	29.4	84	71	NE 3	NE 2	6	3	------	60.08	59.52	23.4	27.6	93	79	NE 2	NE 2	5	4	5.1
12	62.21	61.15	25	28.2	76	62	NE 3	NE 3	4	4	------	60.39	59.64	24.2	28.7	91	77	E 2	E 3	4	3	11.5
13	63.19	62.13	22.5	28.4	91	72	N 3	N 4	4	4	------	60.62	60.49	25.5	29	88	68	NE 3	NE 4	4	4	------
14	63.34	62.64	25.4	27.8	80	69	NE 5	NE 6	4	4	1.3	62.05	61.27	25	28.6	79	69	NE 4	NE 4	4	6	1
15	63.64	62.96	24.5	27.5	83	70	NE 7	NE 7	6	5	------	62.68	62.06	26	29.2	84	72	NE 5	NE 3	6	4	------
16	63.99	63.18	24	28	83	68	NE 6	NE 6	5	4	------	62.67	61.42	25.5	29.5	84	72	NE 4	NE 4	7	5	------
17	63.93	62.94	24.5	28	86	70	NE 4	NE 6	4	6	3.3	62.07	61.45	25.6	29.4	79	57	SE 4	SE 2	6	3	------
18	63.84	63.14	24.6	28.4	88	75	NE 6	NE 6	6	5	------	61.54	61.08	24	29.1	83	64	E 3	E 4	3	3	------
19	62.56	61.11	24.5	28.2	84	76	NE 2	NE 3	6	6	------	62.64	61.44	20	29.7	94	69	E 2	E 2	4	4	------
20	61.59	59.67	23	29	96	75	NE 2	NE 2	6	4	------	61.82	61.09	21.2	29.5	89	61	E 2	E 2	4	6	------
21	61.60	60.43	24.5	29.5	87	72	NE 2	NE 4	6	7	30	62.38	61.19	24.4	29	85	67	E 2	E 2	8	3	1.3
22	62.14	60.86	24.2	29	97	76	NE 2	NE 3	8	5	------	62.36	61.27	23	27.8	91	73	SE 3	NE 3	6	8	2.5
23	61.89	60.66	24	28.9	96	69	NE 2	E 3	8	6	------	62.35	61.52	25	30.3	88	67	E 3	E 2	4	4	------
24	61.67	60.78	22.4	27.5	92	76	E 2	NE 2	4	4	------	62.56	61.42	23.6	29	90	71	N 2	NE 3	8	4	------
25	62.40	61.52	24.2	28.4	90	72	E 2	E 2	4	5	------	62.52	61.24	25.8	29.2	81	72	E 4	E 4	5	4	------
26	62.45	61.34	24.5	28.6	79	76	E 2	E 2	6	4	------	62.37	61.07	26	29	80	67	N 3	E 4	8	3	------
27	61.50	60.31	25	29	83	71	E 3	E 2	3	3	------	61.41	60.74	24	28.5	90	71	NE 3	NE 3	8	6	------
28	60.71	60.38	23.4	26	93	88	E 2	E 2	4	4	6.1	61.78	61.32	26	25	84	87	N 2	N 2	8	10	14.2
29	61.65	61.18	25.6	28.5	84	70	E 2	E 3	4	4	------	------	------	------	------	------	------	------	------	------	------	------
30	61.42	61.27	25.5	25	88	93	E 3	NE 4	3	10	4.8	------	------	------	------	------	------	------	------	------	------	------
31	62.31	61.44	25	28.6	87	73	E 4	E 3	4	3	------	------	------	------	------	------	------	------	------	------	------	------
Mean	62.09	61.07	24.5	28.2	88.5	75.5	3.3	3.5	5.5	5.3	------	61.77	60.87	24.1	28.6	87.8	70.9	2.8	2.8	5.2	4.4	------
Total	------	------	------	------	------	------	------	------	------	------	161	------	------	------	------	------	------	------	------	------	------	44.4

Day.	MARCH.											APRIL.										
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	61.60	60.94	26?	29.5	78?	72	NE 4	NE 4	4	3	------	60.97	59.46	25.5	31.2	92	73	E 2	E 3	8	3	------
2	62.47	62.07	25.8	29.8	82	70	NE 4	NE 3	6	4	4	60.34	59.93	26.5	31	91	75	E 2	E 3	4	4	------
3	62.72	62.06	26.2	29.4	82	72	E 4	E 3	4	4	8.2	60.94	60.35	26.6	31	87	70	E 2	E 2	4	3	------
4	63.76	63.12	24	28.6	96	71	NE 2	E 2	10	4	52.8	61.24	60	24	31.3	91	69	E 2	E 2	3	3	------
5	63.39	62.13	25.4	28.8	88	76	E 3	E 2	4	4	------	61.85	60.71	26.2	31.1	89	69	E 2	E 2	8	3	------
6	63	61.43	25.5	29.4	86	68	E 3	E 2	4	3	3.8	62.62	61.27	25.2	30.9	87	66	E 2	E 2	3	3	------
7	62.12	61.37	25.2	29.4	92	72	E 2	E 3	4	4	3.8	62.01	60.95	21.4	31.4	92	66	E 2	E 2	3	3	------
8	62.82	62.07	24.5	29.5	94	75	E 2	E 3	7	4	1.5	62.19	61.22	26.7	31.6	86	68	E 2	E 3	3	4	5.1
9	63.15	62.11	25	29.4	90	68	NE 3	E 3	5	4	7.1	61.74	61.07	26.8	30.2	84	75	E 3	E 3	4	4	8.9
10	63.29	62.19	23.8	29	93	79	E 2	E 2	6	4	1.3	61.73	60.89	26.5	29	88	83	E 4	E 3	6	7	------
11	63.02	61.45	24.6	29.2	92	75	SE 2	E 2	4	6	------	61.09	59.83	26.2	30.9	86	72	E 2	E 2	3	4	------
12	61.34	59.78	24	29.5	91	68	NW 1	E 2	4	4	------	61.07	60.52	27	30.2	90	82	E 3	NE 3	6	4	15.5
13	61.19	60.38	24.6	30	86	65	E 2	E 2	3	3	------	61.69	61.60	26.5	30.3	94	72	NE 4	NE 4	5	4	------
14	61.79	60.47	21.5	30.3	95	70	SE 2	E 2	3	3	------	61.39	60.83	26.8	31.1	86	70	E 3	E 3	4	4	------
15	62.10	61.38	22.5	29.6	94	67	W 1	E 2	4	5	8.6	60.85	59.92	26.5	31	87	68	E 3	E 3	5	3	------
16	61.88	60.82	24.2	27.5	95	81	E 2	E 3	8	8	8.1	60.18	59.25	26.5	31.4	84	70	E 3	E 3	4	3	------
17	61.51	60.37	24	29.9	96	68	E 2	E 2	8	3	------	59.22	58.03	25.4	31.4	90	70	E 2	E 2	4	3	------
18	61.82	61.79	25.5	26.7	93	86	E 3	NE 4	6	9	16	59.29	58.37	25.6	31.5	90	70	E 2	E 2	4	4	------
19	63.05	62.47	24.6	28	86	74	NNE 3	NE 3	4	8	------	59.87	59.53	27	31.8	84	70	E 3	E 2	4	4	3.3
20	63.13	61.54	25.3	29.3	81	66	NE 4	NE 3	6	4	10.2	61.07	60.27	27	30.2	89	74	E 2	E 2	8	6	4
21	61.74	61.01	25.2	29.5	82	69	E 4	E 3	8	3	------	61.07	59.80	27	30.5	89	68	E 4	NE 4	4	6	5.1
22	61.47	60.91	26	29.4	80	70	E 3	E 3	6	4	------	60.54	59.92	26.8	30.2	92	75	E 4	E 4	4	5	22.6
23	62.14	61.12	26	30.3	82	70	E 3	E 3	4	3	------	60.62	59.86	25.8	31	90	75	E 4	E 3	4	4	------
24	62.73	61.36	26.4	30.7	86	67	E 2	E 2	4	4	------	60.55	59.82	25.5	31.5	91	73	E 2	E 2	5	4	1.5
25	62.37	60.42	22.4	30.2	93	69	E 2	E 2	3	3	------	60.78	59.38	26.5	29.5	84	83	E 3	NE 5	6	6	4.6
26	60.98	60.12	23.2	30.2	90	70	E 2	E 2	3	4	------	59.92	59.03	26.6	30.9	89	75	E 3	NE 3	7	4	3.3
27	61.39	61.04	26.4	29	89	75	NE 4	E 4	8	4	2.5	59.53	58.57	26.5	30.2	91	73	E 4	E 4	6	4	2.8
28	62.29	61.34	26	29.2	89	81	E 5	E 5	8	8	------	59.44	58.90	26.8	31.3	89	71	E 2	E 3	4	4	1.5
29	62.07	61.29	25.6	29.5	90	75	E 3	E 2	6	7	------	59.75	57.67	25.4	31.5	93	74	E 2	E 2	3	3	------
30	61.95	61.20	26.2	31.2	94	72	E 3	E 2	5	4	1.5	58.89	58.36	26.8	31.9	87	72	E 2	E 2	4	4	------
31	61.29	60.36	26.2	29.5	95	79	E 2	E 2	8	4	2.8	------	------	------	------	------	------	------	------	------	------	------
Mean	62.24	61.29	24.9	29.4	89	72.3	2.7	2.6	5.4	4.5	------	60.75	59.84	26.1	30.9	88.7	72.4	2.7	2.8	4.7	4	------
Total	------	------	------	------	------	------	------	------	------	------	132.2	------	------	------	------	------	------	------	------	------	------	78.2

GUBAT.

[φ=12° 55′ N; λ=124° 08′ E; barometer above sea, 3.5 meters; gravity correction not applied, −1.77 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).				Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.					0-10.	0-10.	mm.
1	58.78	57.92	27.2	31.5	94	75	E	2	E	2	4	5	------
2	58.46	57.12	26.3	31.5	94	69	E	2	E	2	4	5	------
3	58.56	57.37	25	31.3	95	73	E	2	E	2	4	4	------
4	58.33	56.93	25	31	95	71	E	2	E	3	6	3	------
5	58.44	57.32	23	32	95	70	E	2	E	2	3	3	------
6	58.30	58.05	27.3	32	88	70	E	3	E	3	4	4	1.8
7	58.04	57.01	27	31.5	90	75	E	2	E	3	4	4	6.1
8	58.24	57.86	27	31.4	78	71	E	4	E	3	4	4	3
9	58.13	57.93	27.5	31.5	84	72	E	3	E	3	5	5	5.6
10	58.03	56.85	27	31.4	90	72	E	2	E	3	5	7	------
11	58.11	57.14	26.5	32.4	92	67	E	2	E	2	7	5	------
12	58.42	57.50	25.2	32.6	94	70	E	2	E	2	3	4	------
13	58.59	57.16	25.8	32.8	95	67	E	2	E	2	4	3	------
14	58.79	57.12	26.2	32	94	72	SE	2	SE	3	3	8	------
15	58.76	57.05	26.4	32.9	94	70	SE	2	S	3	5	8	19
16	57.91	56.49	25	32.2	96	73	SE	2	SE	3	4	4	------
17	58.70	58.05	25.5	32.6	96	72	E	2	E	3	5	6	------
18	59.54	58.35	27	34.5	88	64	SE	3	SE	3	4	4	------
19	60.07	58.47	25.5	32.8	93	71	S	2	S	3	4	5	------
20	59.01	57.60	25.2	33.8	92	88	S	2	S	3	5	6	------
21	58.05	56.98	26.2	33.5	94	67	S	3	SE	3	4	6	------
22	57.40	56.47	26	33.7	89	60	SW	2	W	3	4	8	10.7
23	58.62	56.86	25	34.4	93	56	SW	3	W	3	6	4	------
24	59.43	57.90	26.2	30.9	90	71	SW	2	SE	3	4	6	------
25	59.50	58.55	24.8	32	93	67	SE	2	ESE	2	4	5	------
26	59.78	58.24	25	32.1	92	74	SE	2	E	2	4	3	------
27	58.92	57.65	27	32	84	69	SE	2	SE	3	4	8	------
28	59.37	58.26	25.8	32.7	93	66	SE	2	S	2	3	6	------
29	59.04	57.93	25.6	33.8	93	65	SE	2	SE	2	4	8	.8
30	58.44	56.30	25.5	33.8	96	64	SE	3	SE	3	4	4	------
31	57.37	56.45	26.5	33.2	92	69	S	2	S	3	4	5	1.8
Mean	58.62	57.45	25.9	32.4	91.8	69.7		2.3		2.6	4.3	5.2	------
Total	-----	-----	-----	-----	-----	-----		--------		--------	-----	-----	48.8

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).				Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.					0-10.	0-10.	mm.
1	57.79	56.45	25.5	33	94	63	SE	2	SE	2	3	3	------
2	59.60	58.42	27.5	33.4	88	67	SE	2	E	3	4	3	------
3	60.07	58.77	27	32.5	88	67	E	2	E	4	5	4	------
4	59.48	58.03	25.6	30.6	92	72	E	2	E	2	5	5	------
5	58.64	57.75	25.8	32.8	90	70	SE	2	E	3	3	4	------
6	59.12	58.33	26.2	31	90	76	SE	3	E	3	6	6	2
7	59.44	58.14	25.3	32.6	94	69	E	2	E	3	4	4	3
8	58.97	57.61	25.4	32.5	95	69	E	2	E	2	4	4	------
9	57.11	56.37	26.8	31	89	77	E	2	E	2	4	4	2.5
10	57.18	56.54	26.3	30.5	90	72	E	6	E	2	8	7	22.1
11	57.43	56.82	26	31.5	96	75	E	2	E	2	6	6	------
12	57.84	57.13	25.5	27.2	94	87	NE	2	SE	4	5	7	6.4
13	58.31	57.37	26.5	32	92	72	E	2	E	2	8	4	14.2
14	57.84	56.99	26.3	30.5	91	78	E	2	E	3	5	8	1.3
15	58.54	57.59	28	32	88	74	E	3	E	3	8	4	15.7
16	58.77	58.42	27	30	90	82	E	2	E	2	8	5	17.6
17	59.20	58.09	27.5	30	88	82	E	2	E	2	4	7	3
18	58.19	57.37	27.8	31.5	90	75	SE	2	SE	3	5	5	------
19	57.86	56.87	26.5	32	92	76	E	2	SE	3	4	4	3.6
20	57.69	56.47	26	31.8	95	75	E	2	E	2	5	4	------
21	57.69	57.02	28	31.6	82	73	E	3	E	3	7	5	3
22	58.26	56.69	25.6	31.3	94	76	E	2	E	2	8	5	1.8
23	57.81	56.46	27.1	31.3	94	73	E	3	E	3	7	6	7.6
24	57.72	57.12	26.2	30.4	90	76	E	2	E	3	4	6	7.1
25	58.37	56.43	25	31.2	96	76	E	3	E	3	7	5	17.8
26	57.93	56.61	25	31.2	96	77	E	2	E	3	5	4	------
27	58.07	57.46	25.8	31.6	93	75	E	2	E	3	4	4	------
28	58.51	57.37	24.4	32.4	93	73	E	2	E	2	4	4	------
29	58.46	57.76	26.2	32.5	94	69	W	2	W	3	8	5	------
30	59.12	57.49	25.6	29.6	94	85	S	2	S	2	5	8	6.4
31	-----	-----	-----	-----	-----	-----		--------		--------	-----	-----	------
Mean	58.37	57.33	26.2	31.4	91.7	74.4		2.3		2.6	5.4	5	------
Total	-----	-----	-----	-----	-----	-----		--------		--------	-----	-----	135.1

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).				Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.					0-10.	0-10.	mm.
1	59.42	57.15	25.3	32	94	75	SE	2	SE	2	4	5	------
2	57.25	56.10	25	30.8	92	76	W	2	W	2	5	8	7.1
3	56.94	55.61	26	32	96	72	SE	2	SE	2	4	6	------
4	58.30	56.90	25.2	32.2	94	74	SE	2	SE	2	5	6	------
5	58.60	57.31	26	33.9	92	64	SE	2	SE	3	4	4	------
6	58.86	57.64	26	32.4	90	70	E	2	E	2	6	4	------
7	59.48	58.72	27.6	32	89	72	E	2	E	2	4	5	------
8	60.18	59.22	26	33	92	70	E	2	E	3	4	4	------
9	60.44	59.72	27.2	32	92	75	E	2	E	3	7	5	3.6
10	60.18	59.47	26	30.2	94	81	E	2	E	2	4	5	15.5
11	59.43	58.80	25.4	31.6	95	75	E	2	E	2	6	5	------
12	58.60	58.32	25	30.2	93	71	E	2	E	2	4	8	10.2
13	58.02	57.17	24.9	28.2	92	82	W	1	SE	3	4	8	24.1
14	57.81	57.19	24.1	28	97	88	NE	2	NE	2	4	8	31.8
15	57.77	57.53	24	30	96	82	SE	2	NE	2	10	9	5.1
16	58.37	58.62	24.5	23.4	96	92	SE	2	SE	3	8	10	47
17	58.55	58.03	24.6	28.6	97	88	E	2	E	2	6	9	15.5
18	57.06	55.73	24.5	30.9	96	75	NE	2	NE	2	5	8	------
19	56.51	55.31	24.1	31.5	96	73	E	2	E	2	4	4	------
20	56.37	55.56	25	31.3	92	74	S	2	S	2	4	4	------
21	57.22	56.12	26	32.7	92	68	NE	2	NE	2	4	6	17
22	58.23	57.64	26.2	32.7	94	68	S	2	SW	2	6	8	------
23	58.41	57.22	26.4	32.2	92	73	W	2	W	3	5	6	------
24	56.16	55.16	26.5	31	92	71	W	2	W	3	5	6	------
25	55.51	54.54	26.6	30.4	89	70	SW	3	SW	3	5	5	4.8
26	55.11	54.12	25.5	31.6	94	68	SW	3	SW	4	5	6	1.5
27	54.57	53.77	26.4	30	85	73	SW	3	SW	3	5	8	9.7
28	53.07	52.13	26	29	94	82	SW	2	SW	2	6	6	22.1
29	51.36	50.81	25.5	28.2	93	83	SW	3	SW	3	6	8	4.1
30	51.96	53.54	25.6	26.2	87	92	SW	4	SW	2	8	6	2.5
31	54.56	54.48	25.4	30.5	93	74	S	2	S	3	6	8	------
Mean	57.24	56.44	25.6	30.6	92.9	75.8		2.2		2.4	5.3	6.4	------
Total	-----	-----	-----	-----	-----	-----		--------		--------	-----	-----	221.6

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).				Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.		2 p. m.		6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.					0-10.	0-10.	mm.
1	56.15	55.14	26.2	33.5	87	65	SW	3	SW	3	5	5	------
2	56.85	55.48	26.5	34.5	91	60	SW	3	SW	3	5	5	------
3	56.75	55.95	26.3	32.6	90	63	SW	2	SW	3	5	5	------
4	56.51	55.37	26.6	33.8	90	63	SW	2	SW	3	4	4	------
5	57.59	56.14	27.4	29.7	86	79	SW	2	SSW	2	8	8	15
6	57.82	56.77	24.6	29.5	95	80	SW	2	SW	2	8	8	------
7	58.45	56.84	24.9	33.5	92	64	SW	3	W	2	4	4	------
8	57.29	55.10	25.5	33.5	91	64	W	3	W	3	4	4	------
9	55.26	55.29	26.5	33.7	86	60	SSW	2	SW	3	4	6	------
10	56.61	56.29	26.6	33.8	83	60	SW	2	SW	3	5	4	------
11	58.21	57.02	26.8	32.8	86	60	SW	3	SW	3	6	5	------
12	58.01	56.39	26.6	33.4	80	60	SW	3	SW	3	8	5	------
13	57.11	55.91	26.7	34.6	83	56	SW	2	SW	3	7	4	------
14	56.91	55.89	26.5	33.5	88	61	SW	2	SW	3	3	8	------
15	56.96	56.80	26.2	34.2	90	61	SW	2	SW	2	3	8	------
16	58.28	57.04	27	29.9	88	79	SW	2	W	2	5	6	1.5
17	56.93	55.36	26.8	30.2	94	77	W	2	W	2	6	5	53.3
18	55.66	54.74	24	31	97	73	E	2	E	2	5	6	1.3
19	55.80	54.67	25	31.7	95	72	SW	2	SW	2	5	4	------
20	55.77	55.34	26	30.6	92	74	SW	2	SW	2	9	8	19.3
21	55.99	55.59	25.6	33	91	70	SW	3	SW	3	6	8	3.8
22	56.79	56.07	25.6	32	93	66	SW	2	SW	3	6	5	------
23	55.66	55.74	26.1	34	90	64	SW	2	SW	4	6	4	------
24	56.56	55.97	27	33.8	87	64	SW	2	SW	3	8	6	------
25	57.79	56.49	26	34.2	89	58	SW	2	SW	2	4	5	------
26	59.32	57.64	25.5	29.8	92	79	SW	2	SW	2	4	7	10.2
27	59.83	58.92	25.5	28.2	94	80	SSW	3	SW	3	10	6	31.7
28	59.72	58.41	23	33.4	96	56	S	2	SW	2	5	4	------
29	59.20	57.72	24.6	32.4	94	73	SW	2	SE	2	4	6	------
30	58.81	57.62	24.7	31.2	94	75	SE	2	SE	2	4	4	48.3
31	57.66	56.73	24.5	38.9	96	81	W	2	W	2	6	5	1.5
Mean	57.30	56.27	25.8	32.3	90.3	67.6		2.3		2.5	5.5	5.5	------
Total	-----	-----	-----	-----	-----	-----		--------		--------	-----	-----	185.9

GUBAT.

[ϕ=12° 55′ N; λ=124° 08′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.77 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.57	56.37	25.5	31.6	92	68	W 2	SW 2	8	5	------
2	57.47	55.65	25.1	32.6	92	66	SW 2	W 3	5	4	13.7
3	56.91	55.54	25.3	29.5	93	79	SW 2	SW 2	5	4	18.3
4	55.84	55.55	25.4	27.9	95	85	SW 2	SW 3	6	5	6.1
5	55.54	54.77	25.6	32.2	92	66	SW 3	SW 2	4	5	------
6	54.86	53.37	26	32.9	89	64	SW 4	SW 4	4	5	------
7	54.24	52.85	26.6	29.9	84	67	SW 2	SW 4	4	8	------
8	54	52.74	26.4	30	84	75	SW 3	SW 2	8	7	------
9	54.57	54.57	26.1	30.5	91	78	SW 2	SW 2	7	8	3.3
10	55.82	55.26	25.5	30	91	77	SW 2	SW 2	6	5	1.5
11	55.42	54.82	26	32	92	64	SW 2	SW 3	8	6	------
12	56.19	54.81	26	33	92	64	SW 2	SW 4	6	5	25.1
13	57.41	55.77	25.2	29.3	97	82	SW 2	SW 2	8	7	8.9
14	57.56	56.83	24.2	30.9	97	76	SW 2	SW 2	5	8	3.3
15	57.96	57.08	24	29.4	96	79	SE 2	E 2	4	5	------
16	59.58	59.04	23.9	28.5	92	85	E 2	E 4	4	6	------
17	59.03	58.31	26	30.8	92	78	E 2	E 2	5	5	50.8
18	59.02	57.04	24	31.4	97	76	E 2	NE 2	10	5	17.8
19	58.16	56.66	24.6	32	95	72	SE 2	E 2	4	4	------
20	58.69	56.97	25.8	32.2	93	71	E 2	NE 2	5	4	------
21	58.97	58.15	26	32.6	92	69	NE 2	NE 2	5	4	1.3
22	58.29	57.05	25.2	32	94	76	NE 2	NE 3	8	4	3
23	58.34	56.52	25.6	33.2	96	72	NE 3	NE 3	5	4	4.8
24	57.63	56.90	24.5	30.5	96	78	NE 2	E 2	4	7	------
25	58.27	57.02	25	32	95	72	E 2	E 3	4	5	------
26	59.31	57.47	25	29.2	92	80	SE 2	SE 2	4	4	------
27	59.09	57.70	25	32.8	92	68	E 2	E 3	4	5	45.7
28	59.24	58.48	24.5	31.1	96	75	E 2	E 3	8	4	5.1
29	59.16	58.01	25	31.8	96	71	NE 2	E 3	4	3	3
30	59.18	58.36	24.9	31.9	92	74	NE 3	NE 3	4	4	8.9
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	57.44	56.32	25.3	31.1	92.9	73.6	2.2	2.6	5.5	5.2	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	220.6

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.92	57.59	25.4	31.5	95	74	NE 3	NE 3	10	8	7.4
2	57.11	55.39	26	27.5	97	88	NE 2	N 3	4	9	17.5
3	56.20	54.26	24.9	31.4	96	76	NE 2	NE 2	5	5	1.8
4	56.29	54.77	25.5	30.8	93	76	NW 2	W 2	5	5	------
5	56.24	54.61	25.4	29.4	93	85	N 2	W 2	4	5	2.8
6	55.56	54.03	24.2	32	97	72	NE 2	NE 2	4	4	------
7	55.42	54.08	24	31.6	96	71	E 2	E 2	4	4	6.4
8	55.66	54.44	26	30.6	94	78	E 2	S 2	5	8	------
9	56.22	55.62	24.6	28.5	95	85	N 2	N 2	6	9	2.5
10	58.27	57.13	23.3	31.6	96	73	ESE 2	E 3	5	5	------
11	59.92	58.66	25.4	32.5	93	72	E 2	NE 3	4	4	1.3
12	59.72	57.92	25.5	30	94	82	E 2	E 3	5	5	9.6
13	58.02	56.42	25.5	25.8	92	92	E 2	E 2	10	9	17.8
14	57.28	56.24	24.2	31.4	97	70	S 2	SE 2	4	5	6.1
15	57.76	57.24	24	30.4	96	76	S 2	E 2	5	4	------
16	58.26	57.28	25	31.5	95	74	N 2	NE 2	4	4	------
17	58.26	56.92	24.5	32.6	92	73	W 2	NE 3	6	5	------
18	58.26	56.84	25	32.2	92	74	W 2	ENE 3	5	5	------
19	57.76	57.07	24.4	32.9	92	71	W 2	NE 3	5	5	24.1
20	58.57	57.12	25.2	31.5	95	74	SW 2	NE 3	7	6	10.9
21	57.87	56.42	25	31.1	96	78	W 2	E 3	5	6	4.6
22	56.04	53.19	25.5	25.4	96	93	W 2	NW 3	9	10	111.3
23	43.35	48.21	25	25.2	96	95	SW 8	S 4	9	8	33
24	53.22	52.42	26	30.9	94	72	S 3	S 4	5	4	4.8
25	55.46	52.85	26.5	31.6	92	65	SE 4	SW 3	5	5	------
26	55.57	54.22	24.5	33	96	61	SW 3	SW 3	5	5	------
27	55.56	54.26	26.4	30.6	90	72	SW 2	SW 4	4	4	------
28	53.99	52.26	26.6	28.2	91	83	SW 3	SW 4	4	8	1.3
29	52.79	52.85	27.5	31.5	81	66	SW 3	SW 5	6	5	------
30	56.03	55.08	27.4	31	82	69	S 3	S 4	5	4	------
31	57.46	56.02	26.8	31.6	90	72	SE 2	SE 3	4	5	------
Mean	56.39	55.21	25.3	30.5	93.4	76.2	2.5	2.9	5.4	5.7	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	263.2

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.03	57.67	26.3	31	91	79?	SW 2	SW 2	8	4	3.8
2	58.57	56.21	25.3	30.4	93	76	NE 2	NE 3	4	7	24.6
3	49.04	49.05	24.5	26	96	80	W 5	SW 6	10	9	98.6
4	58.69	57.82	26.6	30.5	91	76	S 2	E 2	5	4	------
5	59.62	57.92	27.5	32	96	-----	E 2	E 3	5	5	------
6	58.71	57.07	25.6	31.4	95	75	N 3	N 4	6	5	6.4
7	58.35	57.15	25	31.4	97	76?	E 2	E 3	5	4	------
8	58.34	57.39	25	32.5	96	-----	W 1	E 3	5	5	4.1
9	58.65	56.01	25.5	28.6	96	81	W 1	NW 3	5	8	45.7
10	54.16	54.90	24.4	25.6	97	91	SW 3	SW 5	10	9	33.8
11	58.42	57.22	25	29.4	96	81	S 3	S 2	6	4	------
12	58.56	57.64	24.5	30.6	96	78	E 2	E 2	4	3	------
13	59.90	58.62	24.4	30.5	94	78	S 2	E 2	4	4	2.5
14	60.55	59.18	24.4	30.5	96	78	NE 3	NE 3	5	5	------
15	60.81	58.58	23.2	30.8	95	74	NE 2	NE 4	4	6	2.5
16	59.22	57.68	25.2	31.6	93	73	NE 2	NE 4	5	5	19.6
17	58.47	57.80	24.5	25.9	96	94	NE 2	NE 3	6	10	24.1
18	59.88	59.57	26	30	82	74	NE 4	NE 5	8	5	2.5
19	60.09	59.19	24	29.2	96	74	NE 2	NE 4	8	9	9.1
20	60.03	58.64	25.2	27	95	90	NE 3	NE 3	4	10	30.8
21	58.96	57.54	25	27.7	96	88	NE 3	NE 4	9	7	31.5
22	58.46	56.66	24	27	96	92	NE 3	NE 3	6	7	34.8
23	58.56	56.09	24	29	97	81	NE 2	NE 4	7	8	2.8
24	57.26	55.84	24.2	31	97	77	NE 3	NE 3	8	5	3
25	56.75	54.75	24.5	30	96	81	NE 2	NE 2	4	3	21.1
26	56.13	55.26	24	31.2	96	77?	NE 2	NE 3	4	6	4.1
27	57.59	55.81	25.5	31.5	96	-----	NE 2	NE 3	5	4	------
28	57.69	56.42	25.5	31.5	94	75	NE 2	NE 2	4	4	6.9
29	58.06	56.96	24.6	31.9	96	-----	NE 2	NE 3	6	4	14
30	58.61	58	25.5	28.5	96	85	NE 2	NE 4	6	5	12.2
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	58.24	56.95	25	29.8	94.9	80.2	2.4	3.2	5.9	5.8	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	438.5

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.77	58.31	24.5	24	96	97	NE 2	NE 3	8	8	62.2
2	58.86	57.83	25	24	97	97	NE 4	NE 2	8	6	76.5
3	58.63	57.69	23.2	25.6	98	97	NE 3	NE 3	7	6	20.1
4	58.23	57.49	23.7	26.1	94	83	NE 3	NE 4	8	8	------
5	56.56	54.61	24.5	27.6	87	80	N 3	N 4	6	8	74.2
6	51.57	45.36	24	24	97	97	NW 4	WNW 8	4	4	202.5
7	50.43	52.01	24	27.5	90	81	S 3	S 3	6	8	3.6
8	56.11	54.88	25	30.9	93	69	SE 3	SE 3	6	6	------
9	57.50	56.01	23.5	30.5	96	72	SE 2	SE 2	5	6	1
10	57.98	56.92	24.5	28.5	94	81	E 2	E 2	7	8	1.3
11	57.20	56.02	24.4	29	93	82	NE 2	NE 2	7	6	3.8
12	57.80	55.99	24	28.5	97	85	SE 2	SE 2	4	5	1
13	57.56	55.72	23.4	28.5	96	81	S 2	S 2	5	6	3.6
14	57.51	56.24	24	30.6	96	73	E 2	E 2	4	4	8.1
15	58.20	56.92	25	30.4	96	76	E 2	E 3	8	3	4.3
16	58.52	57.54	24.4	30.5	95	75	E 2	E 3	4	3	------
17	59.06	57.78	24.5	30.4	96	72	E 2	E 3	5	3	------
18	59.29	58.27	24.5	26.6	94	91	N 3	N 3	7	8	23.3
19	59.27	58.82	25.5	24.6	96	96	N 5	NE 6	6	10	64.5
20	60.74	59.58	24	25.2	96	97	NE 5	NE 4	6	8	29
21	59.79	59.24	25.5	24.7	91	96	NE 4	NW 3	6	7	71.9
22	59.89	59.51	22	24	96	97	N 2	N 4	10	8	106.6
23	59.90	59.39	24	24.2	91	91	NE 5	NE 5	8	8	37.6
24	59.61	58.44	24.5	25.7	96	91	NE 6	NE 5	8	8	30
25	58.91	58.14	25.5	25.6	93	97	NE 4	NE 4	8	7	18.1
26	59.12	57.60	25.5	27.6	96	87	NE 3	NE 4	8	6	33.3
27	57.66	56.17	25	28	96	89	NE 3	NE 3	6	8	4.8
28	57.32	55.74	26.3	29.9	94	79	E 2	E 3	7	4	2.5
29	57.66	56.22	25.5	30.2	96	77	E 2	E 2	8	3	4.1
30	58.80	57.68	25	29.8	96	79	NE 3	NE 3	4	3	1.3
31	59.22	57.47	25	28.6	88	78	NE 3	NE 3	6	6	------
Mean	57.99	56.76	24.5	27.5	94.5	85.3	3	3.3	6.5	6.2	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	889.2

SUMAY, GUAM (LADRONE ISLANDS).

[ϕ=13° 24′ N; λ=144° 38′ E; barometer above sea, 20.4 meters; gravity correction not applied, —1.76 mm.]

JANUARY.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.70	59.15	25.6	28.2	84	70	ENE 2	ENE 4	6	6	1.3
2	59.97	59.13	25	28.2	83	70	ENE 2	ENE 4	6	8	------
3	60.78	59.43	25	28.2	83	70	ENE 4	E 5	6	5	------
4	62.32	60.90	24.4	27.6	85	73	E 3	E 5	5	6	7.6
5	62.67	60.60	25	28	93	76	E 3	E 5	10	8	20.3
6	62.57	60.88	24	25.4	74	88	ENE 2	ENE 4	5	10	2.5
7	61.22	59.35	25	28.2	82	72	ENE 4	ENE 5	7	4	------
8	60.80	59	25	27	92	86	ENE 4	SE 2	4	10	1.3
9	61.18	59.38	24.6	28	88	77	ENE 2	ENE 5	6	5	------
10	61.25	59.57	25	27	77	75	ENE 5	ENE 6	10	6	10.2
11	61.25	59.87	23.4	26.2	97	82	ENE 7	ENE 7	10	10	10.2
12	61.68	59.75	25	28.2	85	72	ENE 4	ENE 4	10	6	------
13	61.93	59.78	24.8	27	80	74	ENE 5	ENE 6	10	6	------
14	61.35	60.23	25	28.4	79	61	ENE 4	E 5	8	10	------
15	61.82	60.15	25	27.6	77	68	ENE 5	ENE 6	7	8	------
16	62.45	60.85	24.6	27.6	72	66	ENE 5	ENE 6	6	6	------
17	63.10	60.85	25	28	80	70	ENE 5	ENE 5	6	6	------
18	62.88	60.78	24.6	28.2	87	66	ENE 3	ENE 5	10	7	10.2
19	61.55	59.45	24.6	27.4	80	70	ENE 3	ENE 6	6	6	1.3
20	62.32	60.08	24.6	28.4	71	52	ENE 3	E 5	8	5	------
21	62.57	60.40	24.2	27	71	64	ENE 4	ENE 5	6	4	------
22	62.32	60.15	24.4	27	77	70	ENE 4	ENE 6	6	5	------
23	61.50	59.60	24.6	25	85	87	ENE 3	ENE 3	10	10	19.1
24	60.65	59.65	24.6	27.6	90	76	ENE 2	ENE 4	5	6	2.5
25	62.10	60.78	25.4	27	92	83	ENE 3	E 5	8	6	3.8
26	61.40	59.05	24.4	28.4	91	77	E 1	W 3	8	8	33
27	59.60	57.70	24.6	28.4	95	73	ENE 2	ESE 4	10	6	2.5
28	59.47	58.15	24.6	25.4	92	88	ENE 4	E 4	9	10	6.3
29	60.05	58.85	24.2	26.8	86	69	ENE 3	ENE 5	8	5	------
30	60.85	59.47	23	27	76	65	ENE 3	ENE 4	4	4	------
31	61.35	59.85	24	26.8	72	69	ENE 3	ENE 4	4	4	------
Mean	61.47	59.77	24.6	27.4	83.1	72.9	3.5	4.7	7.2	6.6	------
Total	------	------	------	------	------	------	------	------	------	------	132.1

FEBRUARY.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	61.50	60.20	23.4	26.4	83	76	ENE 3	ENE 5	3	8	1.3
2	60.57	59.78	24	27.8	80	62	E 3	E 4	4	5	------
3	60.83	59.63	24.2	28.4	85	64	ENE 2	E 4	7	6	------
4	61.37	59.85	24	27.6	83	71	ENE 3	ENE 4	10	8	------
5	61.80	59.75	24	28.2	91	65	ENE 3	ESE 3	6	8	------
6	61.18	59.70	24.2	28.4	83	70	ENE 2	ENE 4	4	5	------
7	61.05	59.72	24	27.6	74	62	ENE 3	ENE 5	4	4	------
8	61.80	60.07	23.8	27.2	80	67	ENE 3	ENE 5	6	6	------
9	61.90	60.15	24.6	26.6	79	75	ENE 3	ENE 6	4	9	1.3
10	60.19	59.82	25	27.6	80	70	ENE 4	ENE 6	6	5	------
11	60.37	58.98	25	26.4	80	76	ENE 4	ENE 6	6	9	------
12	60.42	58.92	24.4	27	85	74	ENE 3	ENE 4	6	9	1.3
13	61.42	60.22	24	28	81	63	ENE 2	ENE 5	4	7	------
14	61.67	60.80	24.4	28	80	63	ENE 3	ENE 5	6	4	------
15	62.75	60.48	25.2	27.4	77	70	ENE 5	ENE 7	10	7	------
16	61.22	59.27	24.6	27.4	75	70	ENE 4	ENE 6	6	4	1.3
17	60.32	59.15	24.4	27.2	90	78	ENE 5	ESE 3	10	10	1.3
18	60.98	59.48	24	27.8	85	70	ENE 3	E 4	4	6	8.9
19	61.38	59.48	24	28	85	69	E 3	ENE 5	6	6	------
20	60.65	59.32	24.4	27.8	75	71	ENE 3	ENE 5	6	4	------
21	61.08	59.85	24.4	28	82	69	ENE 4	ENE 5	6	4	------
22	60.95	59.78	24.6	27	79	72	ENE 4	ENE 5	6	4	------
23	61.22	59.50	24.4	29.4	82	58	ENE 4	E 5	10	4	------
24	61.05	59.60	24.4	29.2	80	57	ENE 2	ENE 4	10	4	------
25	61.42	59.32	24.2	28.2	82	66	ENE 3	ENE 5	8	5	------
26	60.25	58.95	24.2	28.2	82	63	ENE 3	ENE 5	4	7	------
27	60.42	58.93	25.2	29	76	53	ENE 3	E 5	7	4	------
28	60.67	59.30	24.6	28.2	79	63	E 2	ENE 5	8	8	------
29	------	------	------	------	------	------	------	------	------	------	------
30	------	------	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	61.09	59.64	24.3	27.8	81.2	67.4	3.2	4.8	6.3	6.1	------
Total	------	------	------	------	------	------	------	------	------	------	15.4

MARCH.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	60.93	59.92	24.6	28.4	85	70	ENE 3	ENE 3	8	8	------
2	61.32	60.48	24.6	26.8	83	78	ENE 3	ENE 4	4	8	------
3	61.53	60.80	24.4	28	83	69	ENE 3	ENE 4	10	10	2.5
4	62.82	62.03	24.8	28.2	82	69	ENE 3	ENE 3	10	8	------
5	63.38	62.08	24.4	28	80	61	ENE 3	ENE 3	5	9	------
6	62.52	61.50	24	28	75	66	ENE 3	ENE 3	6	5	1.3
7	62.30	61.03	24	29.6	80	52	ENE 2	E 3	10	4	1.3
8	63.20	61.80	22.8	27.4	86	67	E 1	ENE 3	10	7	2.5
9	63.87	61.75	23.8	25.2	90	88	ENE 2	ENE 3	8	10	6.3
10	63.18	61.88	24.4	28.6	83	66	ENE 2	ENE 3	5	6	------
11	63.12	60.58	24.6	27.8	87	71	ENE 3	ENE 3	6	5	------
12	61.72	59.88	24.6	29	83	58	ENE 2	ENE 3	4	6	------
13	61.73	60.88	25	28.6	87	71	ENE 3	E 4	5	10	------
14	62.78	60.65	24.4	29.2	75	58	ENE 2	E 3	8	4	------
15	62.37	60.05	24	29.2	83	70	E 2	E 2	9	10	2.5
16	60.88	59.40	24.2	29.6	88	64	ENE 2	ENE 3	6	5	------
17	60.60	59.60	24.6	29.8	87	60	ENE 2	ENE 3	10	7	------
18	61.33	59.83	24.6	29.8	87	65	ENE 2	E 2	8	7	2.5
19	61.70	59.58	25	29.2	92	70	Calm	E 3	10	10	------
20	61.38	59.40	24.4	29	85	63	ENE 2	ENE 3	4	5	------
21	60.52	59.50	25	30	83	60	ENE 2	ESE 2	10	8	------
22	61.15	59.75	25	29.2	80	63	ENE 2	ENE 3	5	5	------
23	61.70	59.33	25	28.8	83	65	ENE 4	E 3	10	8	2.6
24	62.33	59.60	25	30	85	61	ENE 3	E 2	8	5	------
25	60.67	58.88	24.8	29	80	68	ENE 3	ENE 3	5	7	------
26	59.35	58.15	24.4	30.8	91	59	ENE 2	ESE 2	10	5	------
27	60.93	59.65	25.4	28	80	70	E 1	ENE 3	10	8	2.5
28	61.60	61.10	24.6	29	82	63	ENE 3	ENE 4	5	7	------
29	62.05	60.48	25.8	30.6	79	53	ENE 3	ENE 3	6	4	------
30	62.58	61.16	25	30	82	53	E 2	E 3	6	4	------
31	62.43	60.30	24.2	30	85	59	E 2	E 4	5	7	------
Mean	61.87	60.36	24.6	28.9	83.6	64.8	2.3	3	7.3	6.8	------
Total	------	------	------	------	------	------	------	------	------	------	24

APRIL.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	62.08	60.30	25	30	80	60	E 2	ESE 3	8	3	------
2	61.53	60.70	24.8	28.4	92	70	ENE 1	ENE 3	10	6	------
3	62.48	61.08	25	28.4	80	65	ENE 2	ENE 3	6	7	------
4	62.48	61.05	24.8	29	72	58	ENE 2	ENE 3	4	6	------
5	62.65	60.63	25	29	83	71	ENE 2	ENE 3	6	8	1.3
6	62.50	59.65	25.6	28.4	84	77	ENE 2	ENE 4	6	8	12.7
7	61.63	60.23	25.4	30	80	65	ENE 3	ESE 4	6	10	------
8	62.75	60.80	25.4	29.6	85	63	ENE 3	ENE 4	8	6	------
9	63.23	60.40	25.4	29.4	84	64	ENE 2	E 3	10	8	------
10	61.80	59.83	26	29.2	84	67	ENE 3	ENE 4	8	7	------
11	61.28	59.50	26	29.4	84	71	ENE 3	ENE 4	7	7	------
12	61.78	60.43	25.2	30	83	67	ENE 3	ENE 4	8	5	------
13	62.28	61.13	25	29.4	80	62	ENE 3	E 4	5	8	------
14	61.58	60.68	25	28.4	87	70	ENE 2	ENE 3	8	10	------
15	61.35	59.23	25.4	30	80	53	ENE 3	ENE 4	7	5	3.8
16	60.75	59	25.6	30.4	82	61	ENE 2	E 3	6	8	------
17	60.07	58.50	26	30.4	76	65	ENE 3	E 4	8	5	2.5
18	60.17	59.60	25.6	29.6	84	64	ENE 3	ENE 4	8	5	------
19	60.42	59	25.8	29.6	84	62	ENE 4	E 4	8	9	------
20	60.38	58.85	26	28	84	74	ENE 3	E 4	9	10	------
21	60.32	58.23	26	29	82	71	ENE 4	ENE 4	7	8	------
22	59.70	58.33	26	29	84	71	ENE 3	ENE 4	8	10	------
23	60.07	58.68	25.4	29.4	84	64	ENE 2	ENE 4	10	5	------
24	60.98	58.28	25.4	29.4	84	58	ENE 3	ENE 4	7	5	------
25	59.97	58.33	25	30	82	65	ENE 3	ENE 4	7	4	2.5
26	58.65	57.93	25.4	31	92	59	ENE 1	SSE 4	10	7	1.3
27	60.37	59.35	27.4?	31	81	62	E 3	ESE 4	10	5	------
28	60.37	59.83	26.4	30.8	81	54	E 4	ENE 4	10	7	------
29	60.50	58.48	26.4	29.8	81	61	ENE 3	ENE 4	10	6	------
30	59.82	57.98	26.6	30.4	77	56	E 2	ESE 3	8	10	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	61.13	59.53	25.6	29.5	82.5	64.3	2.6	3.7	7.8	6.9	------
Total	------	------	------	------	------	------	------	------	------	------	24.1

SUMAY, GUAM (LADRONE ISLANDS).

[φ=13° 24′ N; λ=144° 38′ E; barometer above sea, 20.4 meters; gravity correction not applied, —1.76 mm.]

MAY.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.52	58.33	25.8	29	84	69	E 2	E 3	10	10	10.2
2	59.10	58	25.8	29.8	90	62	E 2	ESE 3	10	10	1.3
3	59.87	58.38	26.4	30.4	81	61	E 1	ESE 3	10	7	------
4	59.77	58.25	26.4	29.4	81	68	E 2	E 4	10	8	------
5	58.87	58.20	26.4	30.6	81	57	ENE 4	E 3	7	6	3.8
6	59.85	57.73	24.4	29.6	91	63	SE 2	E 3	10	7	1.3
7	58.87	57.30	26	31	81	57	E 2	E 3	6	8	------
8	58.60	57.30	25.6	30	84	62	E 2	ENE 3	6	5	------
9	58.35	56.93	26.6	29.8	80	63	E 2	E 3	6	4	------
10	58.82	57.70	26.6	31	80	58	E 2	E 3	10	8	------
11	58.42	57.83	26.6	30.4	75	59	E 3	E 3	10	8	------
12	59.68	58.33	26.8	30	74	62	E 2	E 4	5	10	------
13	59.82	58.76	26.4	31.6	81	55	E 2	E 3	8	10	------
14	60.38	59.03	26.6	30	83	69	ENE 2	ENE 4	10	10	------
15	59.98	58.86	27	31.8	83	58	E 1	E 3	6	7	------
16	59.95	58.65	26.8	29.4	81	68	E 1	ENE 3	7	7	------
17	60.52	59.10	26.4	29.4	76	71	ENE 3	NE 3	7	8	------
18	61.03	59.73	26.4	29.6	84	71	E 3	ENE 3	7	8	------
19	60.77	58.83	26	32.4	79	44	ENE 2	E 3	7	3	------
20	59.47	58.51	24.6	29.4	83	66	Calm	NNW 2	10	9	------
21	59.67	57.98	26	31	84	59	Calm	N 2	10	4	------
22	59.60	58.76	25.4	30.4	84	59	Calm	E 2	4	8	------
23	60.93	59.69	27	30.8	77	60	E 1	E 3	3	4	------
24	62.15	60.63	27.8	31.4	77	60	Calm	E 4	6	8	------
25	61.65	60.06	27.4	30.2	80	62	E 2	E 3	6	6	6.4
26	61.65	60.46	25.6	30	92	70	SE 2	E 3	10	7	2.5
27	61.05	59.73	26.4	29.6	87	74	ENE 2	E 3	10	10	11.4
28	60.73	59.83	27	29.6	84	64	E 2	E 3	6	10	------
29	60.90	59.60	27	31.2	84	52	ENE 2	E 3	6	3	------
30	60.15	58.20	26.8	31	81	59	Calm	E 3	7	4	12.7
31	59.25	58.18	25.8	29.6	84	64	ESE 1	E 3	8	5	------
Mean	59.98	58.67	26.3	30.3	82.1	62.1	1.7	3	7.7	7.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	49.6

JUNE.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.52	58.80	27	29.8	84	69	E 2	E 3	7	8	1.3
2	60.48	59.40	26.8	30.4	83	66	ENE 3	E 4	6	8	------
3	60.63	58.73	27.2	30.8	83	65	ENE 2	ENE 4	6	7	------
4	60.08	58.40	27	30.4	81	63	ENE 3	E 3	6	7	1.3
5	59.95	58.30	26.8	30.8	83	60	ENE 2	E 3	8	8	------
6	59.55	57.85	27	31	83	59	E 3	E 3	8	7	2.5
7	59.72	57.80	26.4	30	90	71	ENE 3	E 4	10	10	5.1
8	58.85	57.46	27.4	31.4	81	57	ENE 2	E 3	10	8	.8
9	57.95	56.95	27.4	28	84	82	ENE 3	ENE 5	10	10	16.5
10	59.05	58.38	27.2	29.6	84	74	E 3	ENE 3	10	8	7.7
11	59.97	58.70	25.6	29	90	79	E 3	ENE 3	10	8	1.3
12	58.93	58.50	27.4	28.6	81	78	ENE 3	ENE 3	7	10	12.7
13	58.98	58.10	25.6	29.8	90	66	ENE 3	ENE 3	9	6	------
14	59.15	58.50	27.8	30.4	74	59	ENE 4	E 4	7	9	------
15	60.20	58.28	27.4	28.4	81	75	E 2	ENE 5	10	10	2.5
16	59.25	59.10	25.4	30.4	88	59	ENE 3	ENE 5	7	7	2.5
17	59.48	59.10	27.4	29.4	81	75	ENE 3	ENE 3	10	10	2.8
18	59.48	58.68	27	30.4	80	63	ENE 2	E 3	10	10	1.3
19	59.08	57.70	27	30.4	84	65	E 2	E 4	8	8	1.3
20	58.15	56.80	27.6	30.8	80	63	E 3	E 3	8	10	------
21	58.15	57.30	27.2	30.4	83	65	ENE 3	ENE 3	10	10	------
22	59.75	57.68	27.4	31.4	80	60	ENE 2	E 3	10	10	------
23	58.90	57.76	27.4	30.4	83	66	ENE 2	E 3	10	10	------
24	59.05	57.60	27.4	30.4	81	65	ENE 2	E 3	8	10	1.3
25	59.65	58.63	27.4	31.4	83	61	ENE 2	E 4	8	7	------
26	60.63	59.16	27	30.6	84	63	Calm	E 4	10	10	------
27	60.18	58.75	27	29	83	78	ENE 3	E 3	9	10	2.5
28	60.67	59.43	27?	30	87?	65	E 2	ESE 3	10	8	------
29	60.03	59.23	27.4	29.6	83	77	E 2	ENE 3	6	8	1.3
30	59.95	58.21	27	30.8	84	67	ENE 2	ENE 2	7	4	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	59.51	58.31	27	30.1	83.2	67.2	2.5	3.4	8.5	8.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	64.7

JULY.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.75	57.40	27.2	30.6	83	59	ENE 2	E 3	7	6	------
2	58.48	57.21	27.2	31.6	83	65	Calm	NNE 2	5	4	------
3	57.55	56.83	27.6	30.8	77	67	Calm	N 2	3	6	------
4	58.53	57.48	27.6	29.6	80	74	E 1	E 2	6	8	------
5	59	58.03	25.6	32	90	60	SSE 3	ESE 2	10	10	2.5
6	59.55	58.61	25.4	32.2	92	60	SSE 2	ESE 3	10	8	5.1
7	60.43	59.31	28.2	32.2	83	60	ENE 2	ESE 3	10	8	------
8	60.05	59.08	28	27	80	84	ENE 2	ENE 2	10	10	36.8
9	59.73	58.93	28	28.2	79	82	Calm	ENE 3	10	10	1.3
10	59.25	58.40	26.2	30.4	90	70	Calm	NNW 1	10	10	8.9
11	59.35	57.66	28	31	83	64	Calm	E 2	8	8	------
12	58.93	58.50	28	25.6	82	90	Calm	W 1	10	10	26.7
13	57.88	57.40	28.4	28.4	82	77	E 2	E 3	10	10	27.9
14	57.48	56.96	27.4	30.8	89	67	ENE 3	E 3	10	7	------
15	57.65	56.75	28	28.4	85	77	ENE 2	E 3	6	10	12.7
16	58.23	57.10	28.2	30.2	79	71	E 2	ESE 3	10	8	20.3
17	57.90	56.63	27.6	30.8	87	67	ENE 2	ENE 3	10	7	3.8
18	57.45	56.13	26.8	31	86	72	E 3	ENE 3	8	10	17.8
19	57.48	55.40	26.4	30	92	77	S 1	SSW 2	10	10	31.7
20	56.78	55.83	26.4	28.4	92	82	ENE 3	SW 3	10	10	3.8
21	57.75	56.78	25.8	29.4	93	75	S 1	SW 3	10	10	3.8
22	58.63	57.13	27.2	30.6	87	72	S 1	SW 2	6	8	------
23	58.70	57.98	27.6	29.4	87	76	Calm	S 2	10	10	------
24	57.28	55.90	27	30.2	87	78	Calm	SW 3	7	10	1.3
25	57.23	56.50	27	26	89	95	Calm	S 1	10	10	64.8
26	56.83	56.10	27	30	84	69	Calm	SW 1	10	10	6.4
27	55.85	55.12	26	27.6	92	92	Calm	SW 1	10	10	13.9
28	55	53.79	25.4	-----	92	-----	Calm	Calm	10	10	36.8
29	54.84	55.32	25.6	-----	93	-----	SSE 5	SE 3	10	10	38.1
30	56.27	56.63	25.4	30	88	77	SW 3	SW 3	10	10	1.3
31	57.52	56.50	26.4	30	89	77	S 1	WSW 1	6	7	------
Mean	57.98	57.01	27	29.7	86.3	73.7	1.3	2.2	8.8	8.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	365.7

AUGUST.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.90	57.03	26.4	30	92	71	Calm	SE 2	10	6	------
2	57.45	56.63	25.4	30	92	71	Calm	S 2	10	10	14
3	57.10	57	26.6	30.4	90	76	S 1	S 3	10	8	5.1
4	57.95	57.95	26.4	25.4	92	92	S 1	S 1	7	10	35.6
5	60.07	58.63	24.8	29	93	74	E 1	WSW 2	10	10	------
6	59.13	58.47	26.4	26.6	90	89	Calm	WSW 4	10	10	12.7
7	57.33	55.03	27.6	28	84	88	WNW 2	NNW 4	8	10	115.6
8	56.70	55.18	25	29.4	95	79	WSW 3	SW 3	10	10	48.3
9	57.42	57.15	25.4	29	92	81	Calm	SSW 4	10	10	------
10	59.05	58	27	29.8	84	67	WSW 3	SW 3	8	9	5.1
11	59.95	58.01	26	30.2	92	70	Calm	N 1	10	10	------
12	57.93	56.63	27.4	30.6	84	74	Calm	N 3	6	8	------
13	57.50	56.06	27.2	30	84	78	N 1	N 2	5	8	------
14	56.85	55.68	26	30	92	75	Calm	NNW 1	5	8	------
15	56.53	56.28	26	30	92	71	Calm	WSW 2	10	10	------
16	57.33	56.03	27.2	30.6	84	72	Calm	W 3	10	10	------
17	56.53	55.58	27.2	29	89	81	WSW 1	WSW 4	10	10	------
18	56.43	56.08	27.4	29	84	74	SSW 1	SW 3	8	10	17.8
19	57.30	55.83	26	30.4	92	76	Calm	N 1	8	10	8.9
20	57.73	55.50	26.6	29.2	94	85	Calm	NE 2	10	10	5.1
21	56.23	55.83	27	27.4	84	89	Calm	SSE 3	10	10	16.5
22	59.25	58.58	26	28.6	95	78	Calm	SSE 3	10	10	1.3
23	59.33	58.40	27	30.2	86	71	ENE 1	ENE 3	6	6	21.6
24	57.98	57.50	25.6	30.6	90	72	ENE 3	E 4	10	9	5.1
25	58.53	58.40	26.4	28.6	92	83	E 1	SW 1	10	10	7.6
26	59.55	58.63	26.4	28.8	92	79	Calm	S 1	6	10	5.1
27	59.33	57.80	25.8	28.2	93	77	S 1	ENE 1	4	8	1.3
28	58.48	57.28	26	29.4	92	70	Calm	W 1	10	10	1.3
29	58.02	56.33	25	29	92	72	Calm	SSW 2	10	10	63.5
30	58.70	56.70	23.2	26.4	97	84	S 1	SW 2	10	10	16.5
31	57	56.28	25.4	28.4	92	77	SW 2	SW 2	10	10	27.9
Mean	57.95	56.92	26.2	29.1	90.2	77.3	0.7	2.4	8.7	9.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	435.9

SUMAY, GUAM (LADRONE ISLANDS).

[φ=13° 24′ N; λ=144° 38′ E; barometer above sea, 20.4 meters; gravity correction not applied, —1.76 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	56.08	-----	26.4	-----	84	-----	W 3	-----	10	-----	102.9	57.25	56.28	27	26.8	84	86	ESE 5	S 2	10	10	120.7
2	55.15	54.07	24.2	26.4	97	89	WSW 6	SW 7	10	10	30.5	57.70	55.97	24.6	26	95	89	SE 1	ESE 2	10	10	40.6
3	55.50	55.03	-----	30.2	-----	70	SW 5	SSW 5	10	10	2.6	57.87	55.58	24	28.8	97	78	SSE 2	SE 2	10	10	11.4
4	56.90	55.78	27.6	30.6	80	68	SSW 5	SW 4	10	10	-----	56.97	55.83	25.8	28.4	88	83	S 1	ENE 2	10	10	7.6
5	57.10	55.35	27.8	30.6	80	74	SW 1	SW 2	10	8	-----	55.82	54.85	26.4	30	89	71	S 1	S 3	10	10	1.3
6	55.78	54.38	27	30.6	84	70	SW 2	SW 2	10	10	2.5	56.88	55.93	26	29.2	90	78	S 1	S 1	10	10	1.3
7	55.10	54.45	27.8	-----	86	-----	WSW 4	WNW 4	10	10	2.5	57.85	56.28	27.2	30.2	83	70	E 1	ENE 2	10	10	-----
8	55.47	53.85	25.4	29.6	92	74	WSW 3	WSW 4	10	10	38.1	57.73	55.80	27.2	29.8	83	74	ENE 2	ENE 4	8	8	-----
9	55.07	54.48	25.8	28.4	88	85	W 3	SW 4	10	10	11.4	57.45	56.03	27.2	29	83	78	ENE 3	E 3	10	10	11.4
10	54.80	-----	27	-----	84	-----	SW 3	-----	10	-----	16.5	59.62	58.53	26	28.8	90	79	ESE 2	E 2	10	10	1.3
11	54.25	53.22	26.8	29.4	86	78	SW 4	SW 4	10	10	17.8	60.18	58.93	27.2	25.4	84	92	ENE 1	ENE 1	10	10	10.2
12	55.10	55.50	27.6	29	84	78	SSW 4	S 4	10	10	-----	59.05	56.70	27	29.6	87	70	ENE 2	ENE 3	6	10	2.5
13	58.52	57.93	26.4	29.6	92	78	Calm	NW 2	7	7	1.3	58.18	56.88	27.2	27.6	83	80	ENE 4	ESE 1	10	10	8.9
14	59.55	58.33	27.4	30.2	87	66	ENE 2	ENE 3	8	8	16.5	59.30	57.90	25.4	29.4	92	71	SSE 1	SSE 2	10	10	1.3
15	59.08	57.33	27.6	29.4	87	78	Calm	NNW 1	8	10	3.8	59.45	58.40	25.8	27	92	92	Calm	Calm	10	10	8.9
16	57.78	57.28	26	28	92	80	S 1	SW 1	10	10	11.4	57.90	56.38	26.8	29.4	89	75	ENE 2	ENE 4	10	10	-----
17	57.98	57.23	26.6	29.6	87	74	SW 1	SW 3	8	9	-----	57.38	55.80	27.4	29.4	81	78	ENE 1	ENE 5	4	10	-----
18	58.80	57.80	27.4	29.8	84	73	SSW 1	WSW 1	6	7	-----	57.45	55.80	27.4	30.6	81	68	ENE 1	E 4	8	5	3.8
19	59.48	57.60	27	29.6	92	75	WSW 1	SW 2	10	9	2.5	57.70	55.83	25.4	28	92	82	ENE 3	ENE 3	10	10	7.6
20	58.05	56.63	27.4	29.8	84	78	Calm	W 2	8	10	3.8	57.63	56.53	27.4	29.6	87	77	ENE 2	E 4	9	9	1.3
21	57.15	56.20	26.4	29.6	92	78	WSW 1	SW 2	7	8	-----	57.43	55.75	27.4	28.4	86	89	ENE 2	ENE 4	10	10	26.7
22	57.03	55.78	27.6	30	80	71	WSW 1	WSW 2	6	6	-----	57.57	55.55	25	28.2	98	77	E 5	ENE 4	10	10	11.4
23	57.50	56.08	27.2	30	83	71	SW 2	SW 2	6	7	1.3	56.65	54.65	25.6	28.4	92	82	ENE 4	ENE 5	10	10	34.3
24	57.58	57.38	27.6	30.4	83	72	SW 2	WSW 3	10	7	-----	52.70	51.77	24.8	25.4	88	92	ENE 1	ESE 4	10	10	66.1
25	59.03	58.18	27.2	29	83	85	Calm	NNW 1	4	10	6.4	53.42	53.47	25.4	26.6	92	87	SSE 6	SSE 5	10	10	20.3
26	59.70	57.98	27.6	30.6	83	73	ENE 1	ENE 3	8	8	-----	57.45	56.30	27	30	87	71	S 2	SSE 3	8	8	-----
27	58.55	57.35	27.4	29.6	84	78	ENE 1	ENE 5	10	10	10.2	58.45	56.78	27.4	29.4	83	75	E 1	ENE 2	5	8	-----
28	58.85	57.30	27	29.8	87	73	ENE 1	ENE 3	10	8	5.1	58.45	56.48	27.2	29.9	83	69	ENE 1	ENE 3	5	8	-----
29	58.23	57.18	27.4	29.4	84	71	ENE 2	ENE 4	10	10	10.2	60.18	58.50	26.6	29.6	89	70	Calm	ENE 3	4	7	-----
30	57.85	56.53	27	28.8	86	79	ENE 3	ENE 5	10	10	8.9	59.48	57.70	26	29.4	92	71	ENE 3	E 4	10	10	12.7
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	57.85	55.15	27.4	29.6	84	74	ENE 3	ENE 5	7	10	5.1
Mean	57.23	56.29	27	29.6	86	75.5	2.1	3	8.9	9	-----	57.71	56.20	26.4	28.6	87.9	78.3	2.1	3	8.8	9.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	306.2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	416.7

Day.	NOVEMBER.											DECEMBER.										
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	56.83	56.10	26	29.2	92	71	ESE 5	ESE 3	10	10	5.1	57.57	55.88	25.4	28.2	92	79	ENE 1	ESE 1	10	10	3.8
2	60.93	58.65	27	29.6	86	74	ENE 2	ENE 3	8	7	-----	57.07	55.73	26.2	28.4	90	76	ESE 1	ESE 1	10	10	2.5
3	59.98	58	27	29.4	84	71	ENE 4	ENE 4	6	5	-----	57.05	56.15	25.4	25.4	88	88	E 1	Calm	10	10	14
4	59.08	56.88	27	28.8	84	73	ENE 3	E 4	5	10	1.3	56.97	56.25	25.2	26	92	87	ENE 1	WSW 1	10	10	31.7
5	58.05	55.43	26.8	28.4	89	82	ENE 3	E 2	10	10	19.1	58.27	56.15	24.6	30	92	70	Calm	ESE 1	8	8	1.3
6	57.66	57.40	24.8	24.4	92	88	SSE 1	S 2	10	10	25.4	58.35	56.63	27.4	29.6	84	72	ENE 2	ENE 4	8	7	-----
7	59.20	57.13	24.2	27.6	91	80	ESE 1	ENE 3	10	10	5.1	57.88	55.08	27.4	29	84	78	ENE 1	ENE 5	10	10	2.5
8	59.42	58.25	26.4	28.4	86	77	ENE 2	ENE 3	8	10	3.8	56.65	55.70	27.4	28	87	77	ENE 4	ENE 4	10	10	22.9
9	60.57	57.85	25.4	28.6	92	73	ESE 4	ENE 4	10	10	11.5	57.35	57.05	27.4	27.4	87	84	ENE 4	SSE 3	10	10	7.6
10	60.12	57.68	26	28.4	89	76	ENE 1	ENE 4	7	5	-----	58.75	57.53	27.4	28.6	81	75	E 2	E 4	10	8	7.7
11	59.07	57.03	27	29.2	84	76	ENE 1	ENE 3	6	7	5.1	59.27	58.15	26.4	29.6	89	74	ENE 3	E 3	8	10	3.8
12	58.05	57.08	25.4	30.2	88	70	ENE 1	SE 1	8	7	-----	58.68	56.80	27	29	84	71	ENE 3	E 4	10	8	-----
13	59.70	57.90	26.4	29.6	89	74	S 1	Calm	7	8	-----	58.10	56.68	26	29	84	71	E 3	E 4	8	5	-----
14	59.35	57.93	27.6	28.4	80	77	E 1	ENE 3	4	8	6.4	57.27	56.08	26.4	29.8	84	66	E 2	E 3	5	6	-----
15	58.48	56.55	27	29	87	78	ENE 1	ENE 3	7	8	-----	58.77	56.68	26.2	28	82	80	E 2	ENE 4	4	10	-----
16	57.57	56.15	25.2	30	90	71	Calm	SSW 2	10	10	-----	59.05	57.43	27.4	28	83	80	E 3	E 3	10	9	6.3
17	58.37	57.28	26	28	85	82	Calm	ESE 1	5	10	14	59.17	57.65	26.6	29.6	87	67	E 1	ESE 4	7	6	1.3
18	59.90	58.72	26.4	25	87	95	Calm	SSW 1	7	10	22.9	58.98	57.70	26.6	29.4	87	68	E 2	ESE 3	8	10	-----
19	59.30	57.65	26.4	27.6	84	84	ENE 1	ENE 4	6	10	3.8	59.28	57.63	26.4	29.4	89	68	ENE 3	E 4	10	8	-----
20	58.30	56.35	26.4	27.6	84	80	ENE 1	ENE 3	8	10	6.4	59.17	57.58	26.8	29.2	86	70	ENE 2	E 4	10	10	1.3
21	56.87	55.98	26.4	28.8	89	75	ENE 3	ENE 4	10	7	1.3	59.10	57.03	26.2	29	85	71	ENE 3	ENE 5	10	10	-----
22	56.80	55.12	25	27.4	92	81	ENE 4	ENE 2	10	10	7.6	57.85	56.05	26.6	29.4	87	70	ENE 3	ENE 2	10	10	-----
23	57.85	56.33	26.4	26.4	89	89	Calm	SSW 2	8	10	2.5	58.10	56	26.6	28.8	87	79	ENE 3	E 4	8	10	6.4
24	58.15	56.85	25.4	28.6	88	78	Calm	W 1	6	8	-----	58.13	56.88	27.2	27.4	83	80	ENE 3	E 5	7	10	33
25	58.05	56.23	26	28	92	85	Calm	N 1	8	10	20.3	59.12	57.40	26.4	29.4	92	74	E 4	ENE 4	10	10	10.2
26	57.40	55.80	26.4	28.8	84	83	Calm	NE 1	8	7	-----	59.57	58.10	25	28.4	92	73	ENE 3	E 3	10	10	1.3
27	57.60	55.35	25	28	85	76	Calm	ENE 1	4	5	-----	58.38	56.53	26.8	28	86	80	ENE 3	E 5	10	10	2.5
28	57.57	56.10	25.4	29.8	92	66	Calm	ENE 1	5	4	-----	57.32	56.05	26.8	29	86	74	ENE 3	E 4	10	10	-----
29	57.30	55.83	27	28.6	86	85	ENE 1	NE 2	8	10	3.8	57.52	56.73	26.8	29	84	71	E 4	ESE 3	10	10	2.5
30	57.57	56.17	25.4	26.2	88	89	ENE 3	ENE 2	10	10	24.2	58.80	56.70	25.8	28.4	90	73	E 2	ENE 3	10	10	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	58.47	56.18	25.4	27	88	81	E 3	E 2	7	10	2.5
Mean	58.50	56.86	26.1	28.3	87.6	78.6	1.5	2.3	7.6	8.5	-----	58.26	56.72	26.4	28.6	86.8	75.1	2.4	3.2	9	9.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	189.6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	165.1

Note the following errors in the daily rainfall of this station as published in our "Monthly Bulletin" for 1915, page 220: The rainfall on October 7 and 8 should be dropped as no rain fell during these days. Again the rainfall on October 9, 10, 11 and 12 should be 11.4 mm., 1.3 mm., 10.2 mm. and 2.5 mm. instead of 10.2 mm., 2.5 mm., 8.9 mm. and 1.3 mm.

CALAPAN.

[ϕ=13° 25′ N; λ=121° 11′ E; barometer above sea, 7 meters; gravity correction not applied, —1.76 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure. 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.90	60.12	22.8	29.5	89	60	Calm	Calm	10	3	------	62.85	61.09	21	29.5	88	63	Calm	NE 1	4	9	------
2	62.16	60.36	21.5	28	88	72	Calm	Calm	10	8	1	61.93	60.53	20.5	29.1	85	61	Calm	N 2	4	2	------
3	61.75	60.46	24	29.2	93	68	Calm	Calm	10	8	1	60.64	59.62	20.5	28.5	84	64	Calm	NE 2	4	4	------
4	63.18	61.48	23.6	27.9	95	76	Calm	Calm	10	10	7.2	61.07	59.60	18	27.5	92	70	Calm	NE 1	2	2	------
5	62.85	60.49	24	30	93	69	Calm	SE 1	10	8	24.9	62.45	60.49	19.5	28.2	90	59	Calm	NE 1	6	2	------
6	61.79	60.01	24	28.4	96	78	Calm	Calm	10	8	1.8	62.08	59.79	19.5	30	86	58	Calm	NE 1	7	3	3.6
7	61.76	59	23.7	30.2	95	67	Calm	E 1	10	3	------	61.24	60.14	23.5	28.3	94	68	Calm	SE 1	10	9	8.4
8	61.55	59.82	24	27.5	96	81	Calm	NNE 3	10	8	2	62.09	60.39	21.2	30.5	90	56	Calm	NE 1	5	3	------
9	61.65	60.62	24.4	26.2	94	85	Calm	NE 3	10	10	2	62.24	61.03	21.5	30.5	92	55	Calm	NE 1	5	4	------
10	62.49	61.38	24.1	27.7	94	73	Calm	Calm	10	10	.3	61.91	59.87	23	30.3	88	60	Calm	E 2	10	5	------
11	63.29	61.19	25	29.1	93	70	Calm	NE 1	8	4	------	60.16	59.13	24	30.5	91	54	Calm	ENE 1	10	4	------
12	62.39	61.36	22.5	28.8	96	64	Calm	NE 1	10	9	------	60.65	59.73	23	29.4	96	67	Calm	NE 1	6	10	.5
13	63.66	62.41	21	28.5	91	60	Calm	Calm	4	10	.5	61.14	59.75	23.4	31	95	59	Calm	NE 1	10	8	------
14	63.95	62.78	24	29.6	86	61	Calm	NE 1	10	3	------	61.53	61.03	23.2	31	84	48	Calm	NE 1	10	8	------
15	64.30	63.17	24.5	29	75	58	NE 1	NE 1	10	6	------	63.49	61.76	22.8	31.2	89	52	Calm	NE 1	4	3	------
16	64.81	63.34	25?	28.9	72?	61	NE 1	NE 1	10	10	------	63.19	61.63	24.5	29	79	50	Calm	NE 1	7	2	------
17	65.32	63.51	23	28.5	84	58	Calm	NE 1	10	7	------	62.66	61.19	24	30.1	84	58	Calm	NE 2	7	2	------
18	65.10	63.21	21.7	28.5	93	65	Calm	Calm	8	4	------	61.94	61.13	20.5	29.1	93	60	Calm	E 2	10	8	------
19	63.85	61.54	23.2	29.9	90	59	Calm	SE 1	8	2	------	63.41?	61.39	19	30.5	86	45	Calm	NE 1	4	3	------
20	62.42	59.88	19.8	29	92	62	Calm	E 2	4	2	5.1	62.05	60.87	19.7	30.5	89	56	Calm	E 1	8	4	------
21	62.04	60.59	22	28.5	96	70	Calm	NE 2	8	4	.3	62.58	61.29	23.5	29	88	64	Calm	Calm	10	4	------
22	62.71	60.88	24.5	29.7	87	67	Calm	E 2	10	4	------	62.50	60.63	22	29.8	91	57	Calm	NE 2	10	4	4.6
23	62.41	60.76	24.5	29.2	92	60	NE 3	NE 1	10	8	16.8	62.80	61.41	22.6	29.7	96	61	Calm	ENE 2	10	4	------
24	62.43	60.57	24.4	27.4	86	70	Calm	NE 1	10	10	1	63.08	61.48	22	30.5	91	53	Calm	NE 1	5	3	------
25	63.04	61.42	22	29	91	69	Calm	NE 1	4	4	6.6	62.94	61.49	22	29.5	87	62	Calm	SE 2	8	10	1
26	62.74	61.19	22.3	29	97	50	Calm	NE 1	10	2	2.1	62.56	61.19	25.5	29.1	78	60	Calm	NE 1	10	8	12.4
27	62.10	60.43	22	27.7	95	70	Calm	NE 2	8	3	------	61.69	60.42	21.7	30.2	94	56	Calm	ENE 1	8	4	------
28	61.60	60.07	21	30	91	56	Calm	NE 1	3	4	10.2	62.69	60.51	22	29.8	89	54	Calm	E 1	10	4	------
29	62.31	61.09	23.5	30	95	60	Calm	NE 1	10	4	9.1	----	----	----	----	----	----	----	----	----	----	------
30	61.94	61.23	23	27	97	79	Calm	NE 2	3	10	2.5	----	----	----	----	----	----	----	----	----	----	------
31	62.91	61.09	23	29.2	96	63	Calm	NE 1	10	4	------	----	----	----	----	----	----	----	----	----	----	------
Mean	62.79	61.14	23.2	28.7	91.2	66.5	0.2	1	8.5	6.1	------	62.13	60.66	21.9	29.7	88.9	58.2	0	1.2	7.3	4.9	------
Total	----	----	----	----	----	----	----	----	----	----	94.4	----	----	----	----	----	----	----	----	----	----	30.5

Day.	MARCH.[a]											APRIL.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	62.31	61.52	21	28	83	63	Calm	NE 1	10	7	------	61.18	59.13	24.6	28.5	94	78	Calm	NE 2	10	5	------
2	63.03	61.72	25	30	79	59	Calm	NE 2	10	4	------	60.79	58.85	23.4	31	85	64	Calm	NE 2	7	4	8.6
3	62.94	61.40	23	30.8	92	43	Calm	NE 2	10	8	------	60.88	60	24	30.8	91	70	Calm	NE 2	5	5	------
4	63.49	62.87	24.5	30.7	79	61	Calm	NE 2	8	4	------	61.41	59.85	23.3	30	89	69	Calm	Calm	4	4	------
5	----	----	----	----	----	----	----	----	----	----	------	62.18	59.77	24	31.4	93	64	Calm	NE 2	7	3	------
6	----	----	----	----	----	----	----	----	----	----	------	62.29	60.51	24.2	31	85	55	Calm	NE 3	4	7	------
7	----	----	----	----	----	----	----	----	----	----	------	62.66	60.61	22	31.2	87	61	Calm	NE 3	8	3	------
8	----	----	----	----	----	----	----	----	----	----	------	62.05	60.61	24.4	32.5	88	55	Calm	NE 1	10	7	------
9	----	----	----	----	----	----	----	----	----	----	------	62.23	61.05	27.5	32.5	84	52	Calm	E 2	7	3	------
10	----	----	----	----	----	----	----	----	----	----	------	62.54	60.13	25.5	33	91	55	Calm	NE 2	7	3	7.7
11	----	----	----	----	----	----	----	----	----	----	------	61.44	59.36	26.6	31.5	84	51	Calm	E 2	3	2	------
12	----	----	----	----	----	----	----	----	----	----	------	61.51	59.76	26?	32	91?	54	Calm	E 2	3	3	------
13	----	----	----	----	----	----	----	----	----	----	------	61.77	60.66	26	31.4	94	60	Calm	E 2	7	8	------
14	----	----	----	----	----	----	----	----	----	----	------	62.05	60.25	25.5	33	88	52	Calm	ESE 1	7	3	------
15	----	----	----	----	----	----	----	----	----	----	------	60.80	59.33	26	32.2	87	53	Calm	NE 1	9	3	------
16	----	----	----	----	----	----	----	----	----	----	------	60.33	58.37	23.1	32.5	77	56	Calm	NE 2	10	8	.8
17	----	----	----	----	----	----	----	----	----	----	------	59.38	57.48	25	32	87	50	Calm	E 2	10	4	.3
18	----	----	----	----	----	----	----	----	----	----	------	59.45	57.97	24.4	32	67	57	Calm	NE 2	10	10	------
19	----	----	----	----	----	----	----	----	----	----	------	60.97	59.28	27?	32.5	82?	55	Calm	NE 1	10	3	------
20	63.34	60.75	24	30	91	64	Calm	NE 2	10	8	------	61.54	59.92	27.5?	31.5	81?	59	Calm	Calm	4	10	3.6
21	62.11	60.92	24.6	28	89	77	Calm	Calm	10	10	------	61.59	59	27.5	32.6	87	50	Calm	NE 1	4	4	1.3
22	61.21	59.77	23.5	31	87	53	SE 1	E 2	10	4	------	61.02	59.97	26.4	29.8	89	67	Calm	NE 2	10	10	1.5
23	62.06	60.63	23.8	30.5	89	60	Calm	NE 2	8	4	------	61.19	60.42	25.5	31.7	88	59	Calm	NE 3	8	8	.8
24	63.11	61.04	22.5	29.2	88	62	Calm	NE 2	10	10	------	62.04	60.05	27	32	80	60	Calm	NE 2	8	4	------
25	62.62	59.77	22.5	32	87	49	Calm	NE 2	8	2	------	61.04	58.95	26.5	31.5	84	52	NE 1	NNE 2	6	3	------
26	61.41	59.95	23	32	89	52	Calm	NE 1	4	3	------	60.12	58.62	26.7	32.6	80	52	Calm	NE 2	8	6	1
27	61.93	60.68	25.3	29.5	88	71	Calm	NE 3	10	9	22.9	59.85	58.27	27	33.8	80	51	Calm	SE 1	10	8	------
28	62.23	60.32	25.6	30.5	82	62	NE 3	NE 2	10	4	------	60.12	59.01	28.2?	32.4	83?	50	Calm	NE 2	8	7	------
29	62.79	61.42	26.2	31.1	76	56	Calm	NE 2	10	10	------	60.07	57.60	24.3	33.5	89	48	Calm	NNE 1	9	3	------
30	62.63	61.11	24.5	31.5	96	67	Calm	NE 2	10	4	------	59.05	57.85	26	32.5	89	61	Calm	NE 2	8	8	------
31	61.53	60.25	26.7	31.6	82	59	Calm	NE 2	10	5	------	----	----	----	----	----	----	----	----	----	----	------
Mean	62.42	60.88	24.1	30.4	86.1	59.9	0.2	1.8	9.2	6	------	61.12	59.42	25.5	31.8	85.8	57.3	0	1.7	7.4	5.3	------
Total	----	----	----	----	----	----	----	----	----	----	[b]22.9	----	----	----	----	----	----	----	----	----	----	25.6

The barometric readings of this station seem to be somewhat high.

[a] This station was temporarily closed from March 5 to 19.

[b] 16 days of observation.

CALAPAN.

[ϕ=13° 25′ N; λ=121° 11′ E; barometer above sea, 7 meters; gravity correction not applied, —1.76 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.44	57.31	25.5?	32.2	77?	63	Calm	NE 2	8	8	------
2	58.88	56.45	25.5?	33	81?	58	Calm	N 1	10	10	------
3	58.31	57.75	25.8	25.7	86	90	Calm	SE 1	10	10	2.8
4	58.27	56.07	23	31.2	94	69	Calm	NE 1	10	10	------
5	58.27	56.78	24	29.6	89	77	Calm	NE 2	8	9	2.5
6	58.24	57.56	25	33.7	92	56	Calm	E 1	8	4	17.2
7	57.96	57.07	27	31.8	84	60	Calm	ESE 2	10	10	.5
8	58.54	57.57	25.5	32	92	54	Calm	E 2	7	10	------
9	58.34	57.27	24.8	32.9	91	55	Calm	E 2	10	10	13.2
10	58.29	56.41	24.7	33.1	95	51	Calm	NE 1	10	8	------
11	58.26	56.75	23.7	31.7	90	71	Calm	Calm	10	10	------
12	58.69	56.85	25.7	31.1	94	62	Calm	E 1	10	10	------
13	58.65	57.05	25	32	92	70	Calm	NW 1	10	10	.3
14	58.56	56.65	25.7	31.4	94	70	Calm	Calm	10	10	------
15	58.77	56.66	25.2	31.6	94	73	Calm	NW 2	10	10	3
16	58.18	56.40	24.4	33.5	95	59	Calm	NW 1	10	10	------
17	58.29	56.50	25	31.5	92	69	Calm	NW 1	10	10	------
18	59.33	58.56	27	29.6	90	79	Calm	Calm	10	10	.8
19	59.75	59.12	25	30.1	88	75	Calm	Calm	10	10	------
20	58.78	57.58	24.4	30.5	87	60	Calm	WNW 2	10	10	------
21	58.20	56.04	24.5	33	89	59	Calm	NE 1	10	6	.5
22	57.37	56.75	24.8	32.6	89	58	Calm	Calm	10	10	------
23	58.41	57.28	25.6	27.8	91	86	Calm	Calm	10	10	7.1
24	58.61	57.71	25.1	29	98	86	Calm	Calm	10	10	2.5
25	59.13	58.02	24.2	27.4	94	86	Calm	Calm	10	10	24.1
26	59.59	58.30	23.5	30.8	94	75	Calm	E 2	10	10	14.5
27	58.96	58	23.5	31.6	97	66	Calm	Calm	10	10	------
28	59.59	58.61	25.5?	32.7	92?	63	Calm	Calm	10	10	------
29	59.60	57.80	24.5	31.5	90	70	Calm	W 2	10	9	------
30	58.61	56.27	24.6	30.6	95	73	Calm	NW 3	10	10	------
31	57.39	56.05	24.5	31.1	96	75	Calm	NW 3	7	6	------
Mean	58.62	57.20	24.9	31.2	91	68.3	0	1.1	9.6	9.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	89

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.94	57.30	24.5	33.5	92	65	Calm	Calm	10	10	-----
2	59.27	58.31	26	34.1	80	56	Calm	NE 1	10	4	------
3	60.29	58.09	28.1	33.5	81	57	Calm	E 1	7	8	------
4	59.78	57.51	26	32.5	88	55	Calm	E 1	10	10	------
5	58.31	57.76	26	30.4	80	73	Calm	NE 2	10	10	------
6	59.12	57.98	24.8	34.2	86	46	Calm	NE 1	10	9	17.8
7	59.65	57.55	25.5	32.1	93	64	Calm	E 2	10	10	5.1
8	59.19	56.41	25.2	33	94	63	Calm	Calm	8	9	2
9	57.64	55.87	25.9	31.8	93	61	Calm	E 1	10	10	7.1
10	57.19	56.01	25.3	31.5	93	66	Calm	ESE 1	10	10	4.1
11	57.76	56.07	25	31	92	69	Calm	E 2	10	10	13.7
12	58.32	57.32	24.6	30.3	95	76	Calm	SE 1	10	10	1.3
13	58.17	56.75	26.4	32	90	64	Calm	SE 2	10	10	13
14	58.71	56.72	25.3	32.1	88	71	Calm	NE 1	10	8	52.1
15	58.25	57.68	25	30.7	95	81	Calm	Calm	10	10	64.3
16	58.72	58.26	26.5	33.2	94	62	Calm	SE 1	10	9	------
17	59.22	57.77	27.5	31.1	89	66	Calm	N 1	10	10	.3
18	58.46	56.84	26.2	32.5	90	65	Calm	SE 1	10	8	6.4
19	57.77	56.52	25.1	32.5	95	65	Calm	SE 1	10	8	1
20	57.49	56.47	25	30.5	96	72	Calm	SE 1	10	10	.8
21	57.74	56.93	25.4	30.5	93	72	SE 1	Calm	10	10	------
22	58.55	56.57	24.8	31.5	93	66	Calm	E 1	10	10	.5
23	57.89	56.52	25.3	32.8	96	60	Calm	Calm	10	10	15.2
24	58.18	56.32	24.8	32.5	93	67	Calm	SE 1	10	10	3
25	58.35	56.27	25.5	32.5	93	65	Calm	ESE 1	10	6	12.7
26	58.01	56.60	25.1	29.3	96	79	Calm	NE 1	10	10	53.1
27	57.33	56.97	24.5	27.5	94	85	Calm	Calm	10	10	6.1
28	58.30	57.70	26.1?	32	93?	66	Calm	NE 1	8	10	.3
29	58.50	57.73	24	30.5	93	74	Calm	Calm	10	10	3.1
30	59.05	57.74	24.8	32.1	92	66	Calm	Calm	10	10	.3
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	-----
Mean	58.44	57.08	25.5	31.8	91.3	66.6	0	0.9	9.8	9.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	283.3

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.69	57.62	25.2	30.5	86	74	Calm	Calm	10	10	------
2	57.35	56.06	24.6	32	94	66	Calm	Calm	10	10	------
3	56.37	55.52	24.4	31.5	88	70	Calm	Calm	10	8	------
4	57.77	57.01	25	32.1	92	66	Calm	Calm	1	4	------
5	58.89	57.25	25	31	90	79	Calm	WNW 3	4	4	------
6	58.82	57.46	24.8	32.4	93	66	Calm	NW 1	2	4	38.9
7	60.31	57.77	23.7	31.2	94	68	Calm	NE 1	10	4	2.3
8	60.37	58.72	27.2	31.5	88	73	Calm	NE 2	4	4	.3
9	60.39	59.16	25	32.8	92	62	Calm	NE 1	4	9	33
10	60.51	59.33	25	33	96	72	Calm	Calm	10	10	7.1
11	59.70	59.23	25.7	31.5	91	72	Calm	Calm	10	10	5.8
12	59.09	57.96	25.2	32	94	67	Calm	NE 2	10	7	.5
13	58.51	57.27	25.4	31.8	88	69	Calm	NE 1	10	9	14.3
14	57.94	57.10	25	31.6	96	68	Calm	NE 1	10	10	36.8
15	57.59	57.84	25	26.5	96	87	Calm	SE 1	10	10	26.7
16	58.81	57.94	25	30.5	93	69	Calm	NE 1	10	10	13.7
17	58.66	57.81	24.4	26.8	94	90	Calm	Calm	10	10	3.3
18	57.69	56.31	26	31.7	96	64	Calm	E 1	7	6	------
19	57	55.17	24.5	32.5	96	61	Calm	NE 1	10	6	------
20	56.81	55.51	24.2	31.8	94	64	Calm	Calm	6	9	------
21	56.81	57.40	24	31.5	93	72	Calm	NW 1	10	10	------
22	58.81	57.56	26	31	85	75	Calm	NW 2	10	10	------
23	59.02	57.37	25	30.8	88	73	Calm	NW 3	10	10	------
24	56.21	55.39	27	29.2	78	75	NW 4	NW 3	10	9	------
25	55.82	54.34	25	28.1	92	78	Calm	Calm	10	10	9.7
26	55.70	53.82	24.3	26.2	97	76	Calm	Calm	10	10	16.3
27	54.61	52.83	24.4	30	97	73	Calm	NW 1	10	10	2.3
28	52.79	52.89	25	26	92	94	Calm	NW 5	10	10	8.1
29	51.83	50.75	24.5	27.8	94	87	Calm	NW 4	10	10	7.6
30	51.83	51.67	24.7	28	97	88	Calm	Calm	10	10	20.6
31	53.62	53.77	24	28.3	98	82	Calm	Calm	10	10	.5
Mean	57.37	56.32	25	30.4	92.3	73.5	0.1	1.1	8.6	8.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	247.8

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.41	54.63	24.4	31.4	93	69	Calm	Calm	8	7	------
2	56.86	55.27	24.5	32.5	96	66	Calm	E 1	8	9	------
3	57.19	55.69	24.5	31.7	96	66	Calm	NE 1	10	9	------
4	56.79	55.62	25.1	31.8	95	70	Calm	Calm	10	10	------
5	56.82	56.23	24.8	30.6	96	76	Calm	Calm	10	10	------
6	58.17	56.79	26.2	30.5	83	71	Calm	Calm	10	10	6.6
7	58.52	57.12	23.5	32	96	69	Calm	NW 1	10	10	------
8	57.33	55.71	25	81	88	69	Calm	Calm	8	10	------
9	55.46	55.32	23.9	30.2	94	74	Calm	Calm	10	9	------
10	56.72	56.44	23.9	31.5	94	73	Calm	NW 3	9	10	.3
11	58.07	57.04	24.2	31.8	91	67	Calm	Calm	10	10	------
12	57.91	57.18	25.8	29.5	88	79	Calm	Calm	10	10	.5
13	56.84	56.53	24.5	26.5	94	92	Calm	Calm	10	10	7.1
14	57.03	57.07	24.5	80	96	78	Calm	WNW 2	10	10	------
15	57.56	57.57	24.3	29.7	93	75	Calm	NW 2	10	10	10.9
16	58.53	56.87	24.5	29.8	92	79	Calm	NW 2	7	10	------
17	57.48	56.73	27.2	29	88	78	NW 2	Calm	10	10	------
18	56.24	55.19	24.5	30	96	75	Calm	W 1	10	10	------
19	55.94	54.71	25	31	92	72	Calm	E 1	10	10	12.4
20	56.12	55.04	23.5	27.5	96	88	Calm	Calm	10	10	2.8
21	55.43?	55.76	24.4	28.8	97	83	Calm	Calm	10	10	2.6
22	56.69	55.67	25.7	81.5	98	68	Calm	Calm	10	10	------
23	56.01	55.76	24.2	30.5	94	75	Calm	NW 1	10	10	2.8
24	56.48	56.74	24.4	27.6	97	85	Calm	NW 2	10	10	------
25	56.78?	56.68	24.4	31.6	97	70	Calm	E 1	10	10	------
26	59.14	58.04	26.8	29.5	86	75	NW 1	Calm	10	10	1.3
27	59.74	59.47	22.8	28.8	97	79	Calm	Calm	10	10	------
28	59.98	58.77	23.7	31	92	69	Calm	NW 1	10	7	------
29	59.72	58.02	23.2	30	97	76	Calm	NW 2	1	7	------
30	59.35	57.70	23.5	31	91	72	Calm	NW 1	10	10	------
31	58.29	56.74	26	30	84	75	Calm	WNW 2	10	10	.5
Mean	57.37	56.52	24.6	30.3	93.1	74.6	0.1	0.8	9.4	9.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	47.8

CALAPAN.

[ϕ=13° 25′ N; λ=121° 11′ E; barometer above sea, 7 meters; gravity correction not applied, —1.76 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.69	56.62	25	30.2	88	75	Calm	NW 2	10	10	0.3
2	57.86	56.06	25.2	30	97	74	Calm	WNW 3	10	10	-----
3	57.11	55.86	23	29.2	93	74	Calm	NW 3	8	10	.3
4	57.02	55.49	26?	28.8	95?	77	Calm	W 1	10	10	.3
5	55.63	54.07	23.5	30.5	94	72	Calm	NW 3	8	7	-----
6	55.38	53.75	23.4	30.5	97	72	Calm	NW 2	7	10	-----
7	54.69	53.91	26	27.2	92	90	Calm	NW 1	10	10	17.8
8	54.67	52.65	24.3	29	96	75	Calm	Calm	10	10	9.2
9	54.22	54.24	24.1	26	99	92	Calm	Calm	10	10	39.6
10	56.11	55.29	24.5	27.3	97	85	Calm	Calm	10	10	15.2
11	55.45	55.53	24.1	27.5	97	88	Calm	Calm	10	10	1.8
12	56.46	54.93	24.8	30.4	95	72	Calm	Calm	10	8	3
13	57.25	56.29	25.5	30.5	96	75	Calm	NE 1	10	10	16.8
14	58.47	57.17	24.8	28.5	97	81	Calm	Calm	10	8	4.8
15	58.28	56.89	24	29.5	91	76	Calm	NE 1	10	10	3
16	59.74	58.19	24.3	30.5	97	73	Calm	NE 1	10	10	2.8
17	59.73	58.13	25	31	92	62	Calm	E 1	10	8	-----
18	59.27	58.23	26.5	28.5	91	81	Calm	Calm	10	10	11.9
19	58.81	56.59	25.5	30.5	96	75	Calm	NE 1	10	10	.3
20	59.21	56.82	24.3	31.5	93	74	Calm	NE 2	10	8	-----
21	59.25	58.28	24.1	30.8	96	70	Calm	E 1	10	10	2.3
22	59.05	57.58	24.7	31.7	95	66	Calm	NE 1	10	10	1.8
23	58.89	57.20	25	32.4	96	62	Calm	E 1	7	6	16.8
24	58.26	57.19	24.4	29	97	78	Calm	Calm	8	9	-----
25	58.71	57.22	23.5	31	95	73	Calm	Calm	8	10	-----
26	59.26	57.39	23	27.5	98	87	Calm	Calm	4	9	.5
27	59.32	58.12	24.2	31.5	95	70	Calm	NE 1	10	10	.3
28	59.43	57.64	24.1	30.3	91	73	Calm	NE 2	10	10	-----
29	59.44	57.49	23	30	90	71	Calm	NE 2	10	10	1.8
30	59.79	58.51	23.6	31.5	90	60	Calm	NE 1	8	10	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	57.82	56.44	24.4	29.8	94.5	75.1	0	1	9.3	9.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	150.6

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.59	58.29	24.5	32	93	66	Calm	NE 1	10	8	-----
2	58.96	56.35	26.3	32.5	90	65	Calm	NE 1	10	9	1.5
3	56.95	54.62	26	31	93	77	Calm	NW 1	10	10	3.3
4	56.61	54.82	24.5	30.2	96	74	Calm	NE 1	10	10	23.4
5	56.70	54.87	24.2	31.2	98	71	Calm	NE 1	10	6	-----
6	55.81	54.41	24.5	32	88	60	Calm	NE 1	10	10	.5
7	55.36	53.81	24	30.5	93	72	Calm	NNE 2	10	10	9.9
8	55.89	53.98	25.2	30.1	96	77	Calm	E 2	10	10	3.8
9	56.32	54.69	25	29	94	79	Calm	NE 2	10	10	15.5
10	57.31	56.79	24.6	29.7	95	70	Calm	NE 2	10	10	1.3
11	60.09	58.71	23.8	31	94	73	Calm	NE 1	10	8	-----
12	60.41	58.09	23.5	31.5	91	68	Calm	NE 1	10	10	.3
13	58.45	57.09	24.5	26.6	96	81	Calm	Calm	10	10	29.7
14	57.52	56.35	24	27.2	96	84	Calm	Calm	10	10	24.9
15	57.59	56.94	22.9	29	97	79	Calm	NE 2	10	10	30.7
16	58.46	57.29	24.5	30.3	96	74	Calm	NE 2	10	10	-----
17	59.04	56.60	23.5	31.1	91	68	Calm	Calm	10	10	-----
18	58.67	57.21	24	32.6	95	63	Calm	NE 1	10	10	3.8
19	58.66	57.33	25.5	31.5	96	70	Calm	NE 1	10	4	-----
20	59.49	57.37	24.2	30.5	93	72	Calm	E 1	8	10	-----
21	58.66	56.62	25.8	31.6	94	68	Calm	Calm	10	4	8.6
22	58.19	55.62	24.6	29.2	96	70	Calm	NW 1	10	10	21.3
23	54.30	50.06	26.5	25.6	89	99	W 3	WNW 6	10	10	77.4
24	46.04	47.30	*	*	*	*	SE 3	SE 1	10	10	16.2
25	52.34	52.32	-----	-----	-----	-----	SE 1	Calm	10	10	24.9
26	55.23	55.02	-----	-----	-----	-----	Calm	NE 1	10	10	.5
27	57.36	55.47	-----	-----	-----	-----	Calm	NW 2	10	10	.3
28	55.85	53.95	-----	-----	-----	-----	NW 2	NW 5	10	10	6.4
29	53.10	52.08	-----	-----	-----	-----	NW 7	NW 2	10	10	-----
30	55.06	54.36	-----	-----	-----	-----	Calm	NW 1	10	10	6.4
31	56.71	56.70	-----	-----	-----	-----	Calm	Calm	10	10	5.6
Mean	56.83	55.33	24.6	30.3	93.9	73	0.5	1.4	9.9	9.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	316.2

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.51	57.30	-----	-----	-----	-----	Calm	SE 1	10	10	3
2	59.37	57.35	-----	-----	-----	-----	Calm	NE 2	10	10	-----
3	55.76	49.81	-----	-----	-----	-----	NW 3	WNW 4	10	10	24.1
4	57.18	56.35	-----	-----	-----	-----	Calm	NE 1	10	10	2.3
5	60.05	57.82	-----	-----	-----	-----	Calm	NE 1	9	4	1
6	59.25	57.57	-----	-----	-----	-----	Calm	SE 1	10	4	.5
7	58.82	57.31	-----	-----	-----	-----	Calm	NE 1	4	7	-----
8	59.04	57.76	-----	-----	-----	-----	Calm	NE 1	9	4	-----
9	59.69	57.16	-----	-----	-----	-----	NE 1	Calm	10	4	-----
10	58.01	54.97	-----	-----	-----	-----	Calm	WNW 1	10	10	87.7
11	57.09	56.54	-----	-----	-----	-----	Calm	Calm	10	10	1.6
12	58.60	57.65	-----	-----	-----	-----	Calm	NE 1	10	10	1
13	60.30	58.37	-----	-----	-----	-----	Calm	NE 1	10	8	2.8
14	61.19	59.15	-----	-----	-----	-----	Calm	NE 1	10	4	1
15	61.68	59.26	-----	-----	-----	-----	Calm	NE 1	10	3	-----
16	60.54	58.22	-----	-----	-----	-----	Calm	NE 1	10	10	.8
17	59.44	58.32	-----	-----	-----	-----	Calm	E 1	10	8	11
18	60.91	60.39	-----	-----	-----	-----	Calm	E 1	10	10	28.7
19	61.88	60.54	24	29.2	82	60	NE 1	E 1	10	10	7.7
20	61.79	59.44	25.5	27.5	84	79	Calm	NNE 2	10	10	23.6
21	60.58	59.44	25.2	28	94	77	Calm	Calm	10	10	7.8
22	59.43	57.77	25.7	30	90	70	Calm	E 2	10	5	.8
23	59.22	57.17	24.7	28.2	90	77	Calm	Calm	6	7	5.6
24	58.20	56.44	24	28.6	96	82	Calm	Calm	10	10	2.6
25	57.59	55.39	25.9	29	86	74	NE 1	NE 1	10	10	1.8
26	56.36	55.02	25.2	29.8	97	77	Calm	NE 1	10	10	1.8
27	57.82	55.79	23.5	29.6	91	77	Calm	NE 1	10	10	-----
28	58.16	56.83	25.7	30.5	94	71	Calm	E 2	10	9	-----
29	58.82	57.47	25.1	30.2	95	73	Calm	NE 2	10	8	.8
30	59.02	58.77?	24.8	29.7	93	82	Calm	NE 1	10	8	.5
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	59.18	57.38	-----	-----	-----	-----	0.2	1.1	9.6	8.1	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	218.5

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.44	59.46	25.7	28.8	90	72	NE 2	NE 1	10	10	2.3
2	60.77	59.53	25.4	26.7	88	79	Calm	NE 2	10	10	4.6
3	59.79	59.27	26	25.3	82	88	Calm	ENE 1	10	10	2.3
4	60.01	58.74	25.8	29.5	70	62	NE 1	ENE 2	10	10	3.8
5	58.96	57.56	23	27.5	91	66	Calm	Calm	10	10	1
6	57.28	54.50	24.5	27	76	63	NW 1	NW 2	10	10	28.4
7	48.09	43.98	22.5	23.5	99	100	WNW 6	S 2	10	10	106.1
8	52.39	53.55	24.5	24	94	89	SE 3	SE 3	10	10	19.3
9	56.59	56.13	22.5	26.5	98	90	Calm	W 1	10	10	12.7
10	59.37?	56.88	25	30	92	68	Calm	E 1	8	10	.8
11	57.71	56.27	24	29.5	91	75	Calm	NE 1	10	10	1.5
12	57.91	55.61	23.5	28.8	93	78	Calm	NW 1	10	10	15.7
13	58.16	55.47	24	30.5	95	68	Calm	Calm	10	10	-----
14	57.92	55.96	23	29.4	95	72	Calm	Calm	10	10	12.2
15	59.28	56.88	24.4	30.2	95	71	Calm	ENE 1	10	10	3.1
16	58.92	58.17	24	30.3	93	76	Calm	NE 1	10	10	-----
17	59.68	57.81	24	28.2	91	78	Calm	NE 1	10	10	9.4
18	60.67	59.04	25	29	93	72	NE 1	NE 2	10	10	-----
19	61.13	60.27	25	26.1	83	80	NE 3	NE 1	10	10	3
20	61.76	60.57	25.5	26.2	85	78	NE 3	NE 2	10	10	1
21	62.34	60.62	25.2	27.5	80	75	NE 1	NE 2	10	10	-----
22	61.41	59.84	25.5	26.2	83	79	NE 1	NE 1	10	10	5.3
23	61.78	60.57	24.9	26.5	82	76	NE 1	NE 1	10	10	2.3
24	61.99	59.90	24	26.6	94	80	NE 1	Calm	10	10	9.9
25	61.24	59.12	25	27.8	95	79	Calm	NE 1	10	10	1.5
26	61.39	59.06	25	26	88	84	Calm	NE 1	10	10	8.4
27	59.68	57.82	24.8	29.8	93	73	Calm	Calm	10	10	-----
28	58.50	56.23	25.5	30.1	92	71	Calm	NE 1	10	7	1.3
29	58.11	56.26	25.1	30.5	95	72	Calm	Calm	10	10	-----
30	59.25	57.86	23.5	32.2	90	61	Calm	NE 1	10	10	1.3
31	60.29	58.42	23.6	30	95	75	Calm	Calm	10	10	.8
Mean	59.12	57.46	24.5	28.1	89.7	75.8	0.8	1.1	9.9	9.9	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	258

* The thermometer shelter was blown down during a typhoon on October 23–24.

VIRAC.

[$\phi = 13°\ 35'$ N; $\lambda = 124°\ 14'$ E; barometer above sea, 7 meters; gravity correction not applied, —1.76 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.53	59.69	20.4	30	96	71	N 1	E 2	5	4	0.5
2	61.36	60.54	23.5	30	94	73	N 1	E 3	8	5	9.6
3	61.51	60.58	21.9	30.5	96	71	NW 1	SE 3	7	5	2
4	62.36	61.50	24	27.5	90	79	NE 1	E 2	10	10	26.5
5	62.48	60.90	25	29.7	90	73	E 2	SE 3	10	5	23.6
6	62.51	60.51	25	29	93	75	SE 3	SE 3	10	6	.8
7	61.31	59.65	22	30.5	95	72	N 1	SSE 2	3	4	------
8	61.01	60.20	21.5	26.7	95	86	NW 1	E 2	4	9	7.8
9	61.45	60.95	25.2	28.3	90	72	E 2	E 3	10	9	4
10	62.92	61.73	23.5	29.2	96	72	E 3	ESE 3	10	5	1
11	63.01	61.80	23.5	28.8	97	73	E 1	SE 4	10	4	------
12	62.52	61.65	19.6	29.8	97	73	NNW 1	E 2	4	2	------
13	63.41	62.58	22.5	30.5	96	74	E 1	E 2	4	8	------
14	64.11	62.83	24.5	30.5	94	75	ENE 2	ESE 3	5	3	------
15	64.22	63.46	23.6	28	95	77	ENE 3	E 4	6	3	2.6
16	64.39	63.80	23	29.6	91	72	E 2	ENE 3	7	4	------
17	64.68	63.37	21	30.4	95	55	NE 2	NE 4	6	7	------
18	64.03	63.54	25	30.3	90	59	ENE 4	E 4	5	5	------
19	63.09	61.22	20.4	31.5	94	56	N 1	ESE 3	4	5	------
20	61.81	59.81	21.5	29.5	95	71	N 1	NNW 2	5	7	1.8
21	61.88	60.58	23	30.3	91	70	N 1	SE 3	10	10	8.9
22	62.23	61.16	23.6	28.6	95	75	NW 1	SE 3	10	7	3.8
23	62.16	61.34	21.5	25	94	92	NW 1	SE 4	10	10	1.1
24	61.88	60.60	22	27.6	91	70	NW 1	SE 3	10	8	7.4
25	62.78	61.85	23	27.5	90	72	SE 2	ESE 3	10	7	2.1
26	62.69	61.59	21	29.5	96	67	N 1	E 3	10	5	1.8
27	61.68	60.79	24	30	93	71	E 2	SE 3	4	4	1.3
28	60.87	61.14	22.5	25.6	91	88	NNE 1	E 1	10	10	1.3
29	61.92	61.51	21.5	28.1	95	80	NW 1	E 1	6	10	4.6
30	61.58	61.46	24	27.9	91	77	E 2	ESE 3	10	10	4.1
31	62.61	61.84	22.5	29.5	96	71	E 2	SE 4	10	5	------
Mean	62.45	61.42	22.7	29	93.6	73	1.6	2.8	7.5	6.2	------
Total	------	------	------	------	------	------	------	------	------	------	116.6

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	62.59	61.74	20.2	29.6	96	69	NNW 2	SE 3	4	4	------
2	61.92	61.08	19.8	30	96	65	NW 1	SE 3	4	4	------
3	60.44	60.18	19	29.8	95	67	NW 1	SE 2	3	8	------
4	60.69	59.83	19.5	30	95	62	NNW 1	SSE 2	5	1	------
5	62.07	60.33	19.5	31.3	97	65	NNW 1	S 2	2	4	------
6	61.31	60.45	21.5	27	95	80	NW 1	SE 3	10	10	1.8
7	61.06	60.55	21	28.7	91	75	ENE 1	SE 4	9	5	------
8	61.63	61.19	20.6	31	94	65	NW 1	SSE 2	5	4	------
9	61.89	61.25	20.2	30.4	96	64	NW 1	ESE 3	5	3	------
10	61.22	60.28	21	30.5	97	66	NW 1	SE 3	5	5	2.5
11	60.17	59.63	22.5	29.7	90	68	E 2	E 3	8	9	6.9
12	60.68	59.74	23	30.1	91	70	E 2	E 2	10	6	.5
13	60.66	60.72	24.3	30.6	89	60	E 2	S 3	7	5	------
14	61.29	61.29	20	31	96	59	NE 1	ESE 2	4	2	------
15	63.05	62.34	25.6	31.4	85	50	E 2	SE 4	10	4	------
16	62.68	61.24	24.2	32	90	49	E 2	SE 4	5	3	------
17	61.93	61.50	21.5	31.4	94	50	NNE 1	SE 3	5	1	------
18	61.58	61.18	18.6	29.5	96	62	NW 1	SE 4	3	5	------
19	62.47	61.75	18.5	28.7	95	74	NW 1	SSE 3	3	7	1.8
20	61.88	61.17	18	28.5	96	74	NW 1	SSE 4	3	3	------
21	62.32	61.19	19	29.5	95	66	NW 1	SSE 3	2	4	------
22	62.17	61.39	21	29.4	93	59	WNW 1	SE 3	9	5	------
23	62.16	61.63	25.7?	30	89?	59	E 2	SE 3	10	6	------
24	62.37	61.28	20	31.1	96	47	NW 1	SE 4	4	5	------
25	62.21	61.30	25.5	31.3	76	58	ENE 3	ESE 3	6	6	------
26	62.03	61.21	25?	29.4	80?	59	E 2	SE 4	7	3	------
27	61.36	60.85	21.3	29	92	71	NW 1	SSE 3	5	9	.5
28	61.71	61.23	21.4	28.5	93	58	NW 1	NE 3	5	10	------
29	------	------	------	------	------	------	------	------	------	------	------
30	------	------	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	61.70	60.98	21.3	30	92.4	63.2	1.4	3	5.6	5	------
Total	------	------	------	------	------	------	------	------	------	------	14

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.47	61.23	20.1	32	95	51	NW 1	ESE 3	3	5	0.3
2	62.43	61.98	20.5	32.5	95	50	NNW 1	ESE 3	6	5	1.8
3	62.48	62.08	25.3	30.7	81	60	E 3	ESE 3	5	5	15.5
4	63.20	63.23	24.5	30	91	64	E 2	SE 3	9	4	.8
5	63.38	62.78	20.8	29.6	96	64	NW 1	ENE 3	4	9	2
6	62.81	61.68	21	29.8	95	63	NW 1	SE 3	7	4	------
7	62.01	61.54	21.5	29	95	68	N 1	SE 4	6	3	------
8	62.66	61.72	20.5	31.7	95	59	N 1	ESE 3	2	4	.3
9	63.15	62.33	24.4?	32	82?	53	ENE 1	SE 3	6	3	------
10	63.08	62.28	22.8	29.6	91	71	ENE 1	SSE 3	5	4	------
11	62.81	61.41	20.9	30.5	94	63	ENE 1	SSE 2	2	7	------
12	61.08	60.13	21.5	32	95	60	NNW 1	SSE 2	5	5	1.8
13	61.26	60.70	26.5	31	77	61	SSE 3	SSE 2	10	7	------
14	61.27	60.65	26.4	32	84	64	SSE 2	SSE 2	8	4	------
15	61.57	61.64	21.5	28.7	95	63	NNW 1	ESE 2	6	9	7.3
16	61.73	60.92	23.7	27.5	91	73	E 2	NE 2	7	10	19
17	61.26	60.69	23.4	30.5	97	70	NW 1	SE 2	10	4	2.8
18	61.68	62.20	21	26.5	95	80	NW 1	E 2	5	10	4.1
19	63.21	62.35	22	27.5	91	66	NW 1	E 2	7	10	------
20	62.99	61.68	24	27.3	83	71	E 1	ESE 3	10	10	4.1
21	61.57	61.08	24	29.3	87	62	E 2	SE 3	10	5	.5
22	61.33	61	25.1	29	78	64	E 3	SSE 4	10	4	------
23	61.94	61.11	21	30.5	93	62	NNE 1	SSE 2	9	3	------
24	62.34	61.30	21.5	30.5	95	65	NW 1	SSE 4	7	4	------
25	62.16	60.63	19.5	30.7	95	65	NNE 1	SSE 3	3	5	------
26	60.54	60.10	20.2	30.1	96	60	NW 1	SE 3	4	5	------
27	61.23	61.10	25.5?	30	84?	67	E 2	E 4	10	8	4.8
28	62.11	61.40	25?	31.5	80?	60	E 3	E 3	5	7	------
29	61.99	61.28	21.6	32.5	95	56	N 1	SE 3	7	10	------
30	61.80	61.03	23.5	31.2	92	62	NW 1	SSE 4	7	5	.5
31	61.16	60.79	23.8	29	97	82	WNW 1	SSE 3	6	9	.3
Mean	62.05	61.42	22.7	30.2	90.6	63.8	1.4	2.8	6.5	6	------
Total	------	------	------	------	------	------	------	------	------	------	65.9

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.97	59.65	25.7	32	88	64	ESE 2	SE 3	8	3	------
2	60.17	60.05	26.2	32.6	85	63	E 2	SSE 3	7	6	------
3	60.80	60.75	26.7	30.8	83	64	E 2	SE 3	8	4	3.6
4	61.01	60.48	26.6	31.5	89	68	SSE 3	SSE 2	10	3	------
5	61.61	60.85	26.9	31.3	82	64	SSE 3	SSE 4	7	4	------
6	62.41	61.49	21.3	31.6	94	57	N 1	SSE 3	3	3	------
7	61.89	61.22	21.3	32.7	94	54	NW 1	SSE 1	2	1	------
8	61.98	61.13	21.8	30.7	93	62	NW 1	ESE 4	3	4	------
9	61.80	61.19	26.5	33	80	55	ESE 2	ESE 3	4	4	.5
10	61.67	60.98	26	31.5	87	63	ENE 1	ESE 3	5	8	1.3
11	61.14	59.99	25.5	31.6	80	62	E 1	SE 3	6	2	------
12	61	60.65	23.5	33	94	61	NW 1	ESE 3	7	4	5.1
13	61.67	61.65	26.1	30	83	75	E 2	SE 3	10	6	.5
14	61.47	61	22.5	31	96	61	NNE 1	SE 3	4	3	4.1
15	60.77	60.06	22.2	30.2	95	68	N 1	SSE 3	5	3	------
16	60.07	59.28	22.5	30.5	96	65	E 2	SE 4	5	4	------
17	59.24	58.24	23.5	32	96	65	E 2	SE 3	6	4	------
18	58.98	58.88	26.5	30.2	92	68	ESE 2	SSE 4	6	4	------
19	59.89	59.85	25	31.5	92	65	E 1	SE 3	6	3	------
20	60.83	60.43	23.6	31.5	95	66	N 1	ESE 3	10	8	7.1
21	60.87	59.66	26.5	33	80	61	E 2	E 3	6	5	6.1
22	60.41	60.18	25.5	32	81	58	E 3	ESE 3	10	5	6.4
23	60.55	60.43	26.8	32.8	82	57	ESE 2	E 3	6	4	1.5
24	61.05	60.38	23.5	33.4	89	57	ENE 1	E 3	5	5	------
25	60.78	59.17	23.3	32.5	89	62	NNW 1	ESE 3	4	5	1.8
26	59.85	59.15	25.4	32	85	63	NE 3	SE 3	10	5	14.8
27	59.51	58.82	25.4	32	87	59	ENE 2	SE 3	9	4	2.8
28	59.31	59.13	22.5	32	96	66	NNW 1	S 2	3	6	1.3
29	59.57	57.86	24.2	32	95	69	NW 2	SSE 3	9	4	------
30	58.90	58.20	22.6	31.4	95	65	N 1	SE 4	4	4	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	60.67	60.03	24.5	31.7	89.1	62.9	1.7	3	6.3	4.3	------
Total	------	------	------	------	------	------	------	------	------	------	56.9

VIRAC.

[φ=13° 35′ N; λ=124° 14′ E; barometer above sea, 7 meters; gravity correction not applied, —1.76 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.62	57.72	24.2	33	95	64	NNE 1	SE 3	7	7	0.3
2	58.31	57.05	[a]27.6	32.5	[a]92	65	SSE 2	SE 3	9	6	------
3	58.40	57.72	[a]28	32.5	[a]88	66	SSW 3	SE 3	10	6	------
4	58.12	57.08	26	32.6	87	61	E 1	SSE 3	7	5	------
5	58.09	57.54	22.7	33	90	64	N 1	SSE 2	5	3	.3
6	58.23	58.10	[a]26.6	30.6	[a]86	69	E 2	SE 3	7	7	1.3
7	57.97	57.63	26.5	31.4	88	66	E 1	SE 3	5	7	4.6
8	57.84	57.93	[a]26.5	31.2	[a]73	61	E 3	SE 3	4	5	------
9	58.13	57.89	26.6	30.5	86	65	E 2	SE 3	5	9	4.6
10	57.71	57.05	26.6	32.2	87	65	E 2	SE 3	7	10	------
11	57.82	57.40	26.5	32.7	88	62	E 2	SE 2	7	6	------
12	58.26	57.80	24.6	33	95	65	SE 1	SE 2	4	5	------
13	58.38	57.55	25.5	33.5	92	64	NNE 1	SSE 2	10	6	------
14	58.45	56.83	[a]28.5	33	[a]85	65	S 2	SSE 2	10	7	------
15	58.42	56.79	27	34	89	63	NW 1	S 2	10	6	------
16	57.81	56.81	[a]28.7	30.8	[a]89	73	S 2	SE 3	10	7	------
17	58.65	58.20	[a]28.5	31.8	[a]81	70	SSE 3	SE 3	7	5	------
18	59.48	59.04	[a]28.5	33.1	[a]83	59	S 3	ESE 2	7	5	------
19	60.03	58.80	[a]28.1	33	[a]81	58	ESE 2	SSE 2	10	4	------
20	58.81	56.32	24.7	34	90	62	NNE 2	W 3	10	7	------
21	57.57	56.29	25.6	31.5	91	72	WNW 2	S 2	10	9	------
22	56.91	56.54	25.5	31	91	76	W 2	ESE 2	10	10	3.3
23	57.99	56.87	26	31.2	90	66	NW 1	WNW 1	10	5	51.8
24	58.99	58.08	25.5	30.5	94	72	NW 1	SSE 3	10	8	3.1
25	59.28	58.89	24.6	32.2	95	69	NNE 1	SSE 2	5	4	1.8
26	59.79	58.84	[a]27	31.5	[a]89	72	ESE 1	SSE 3	10	4	1
27	59	58.05	[a]27	31.7	[a]90	68	SE 2	SE 2	7	4	------
28	58.97	58.43	26.4	33.3	92	67	WNW 1	SSE 2	10	7	------
29	58.99	57.63	25.6	32.1	95	69	NW 1	SSE 2	10	6	------
30	58.06	57.29	26.9	33.5	91	65	SSE 1	SSE 2	8	5	1.3
31	57.09	55.99	26.9	33.2	90	67	SSE 1	SSE 2	10	8	------
Mean	58.39	57.55	26.4	32.3	88.8	66.1	1.6	2.4	8.1	6.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	73.4

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	C a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.71	57.64	28.5	33.5	84	64	SSE 1	SSE 3	9	4	------
2	59.32	58.44	25.5	34	91	64	NE 1	SSE 3	3	3	------
3	59.94	58.64	24.8	33.8	93	63	NW 1	E 4	4	6	25.4
4	59.07	58.46	24.5	31	94	72	NW 1	SE 2	10	9	2.1
5	58.29	58.20	28.5	31.5	81	69	SSE 3	SSE 3	9	7	------
6	58.96	58.19	24.6	31.7	95	74	ENE 1	E 3	5	7	15.5
7	59.37	58.32	25	31.6	93	68	ENE 1	SE 3	6	5	4.1
8	58.31	56.69	25	31.5	95	66	NE 1	SE 3	5	5	.3
9	57.17	56.75	23.8	30.5	95	68	NNW 1	ESE 3	4	8	1
10	56.78	57.06	24.2	28.2	94	82	E 1	E 1	6	10	15.7
11	57.36	56.55	25.2	32	94	72	NE 1	E 3	10	9	4.8
12	57.82	58.05	26.7	28.8	90	82	E 1	E 2	10	10	12.4
13	58.13	57.69	26.6	28.6	87	88	ESE 2	ESE 1	8	7	31
14	58.46	57.31	24.7	30	97	75	NW 1	E 3	9	7	34.5
15	58.49	57.65	25.8	30.8	97	77	E 3	SSE 3	10	6	8.6
16	58.74	58.52	27.5	31.9	88	72	E 2	E 3	8	6	11.9
17	59.21	58.02	24.6	32	97	70	NW 1	ESE 3	6	5	1
18	58.30	57.60	27	28.5	95	85	ENE 1	SSE 3	4	9	16.5
19	58.03	56.98	25.5	30.7	94	75	ENE 1	SE 2	9	8	3.3
20	57.61	56.49	25.8	29.9	92	77	ENE 2	SE 3	10	7	12.7
21	57.78	57.03	24	31	96	69	NNW 1	SE 3	10	8	.3
22	58.21	56.78	24.7	30.5	96	68	NNW 1	SE 3	10	8	10.1
23	57.57	56.64	25	31.4	93	71	NW 1	SE 3	9	7	25.9
24	57.93	57.25	25	30	95	71	NW 1	SE 3	10	10	8.9
25	58.08	56.43	25.2	30.6	97	78	ESE 2	SE 3	10	7	13
26	57.80	57.01	26.2	30.5	92	72	SW 2	SSE 3	7	6	11.4
27	58.28	57.86	27.2	30.8	90	73	S 3	SSE 3	7	5	.5
28	58.59	57.40	24.4	31.8	93	75	NW 1	SSE 2	5	3	.5
29	58.22	57.79	26.4	26.2	90	94	SE 1	NW 1	10	8	82.1
30	58.88	57.62	24.6	31	97	76	NW 1	S 2	5	10	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.27	57.50	25.6	30.8	92.8	73.7	1.4	2.7	7.6	7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	353.5

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.01	57.45	25	32	95	72	NW 1	SSE 2	5	5	------
2	57.04	56.23	25.4	31.1	93	71	WSW 2	WNW 2	10	9	------
3	56.86	55.81	28.2?	32.6	86?	69	S 3	SE 1	9	1	------
4	57.97	56.48	25.7	32.7	94	71	NW 1	SSE 2	4	3	15.5
5	58.33	57.38	26.5	32.6	94	71	NW 1	S 2	4	4	1.3
6	58.77	57.77	25.4	32	92	72	NE 1	SSE 3	6	5	9.9
7	59.64	58.71	25	31.5	93	69	NNW 1	ESE 3	7	7	2.5
8	60.31	59.39	25.4	33	93	64	NW 1	ESE 3	6	5	20.6
9	60.72	60.29	24.6	29.5	95	85	NW 1	W 3	8	9	20.6
10	60.04	59.71	24.6	27.4	97	81	NW 1	ENE 1	6	10	5.1
11	59.41	58.82	24.6	29.6	95	84	NW 1	E 2	10	7	4.6
12	58.77	58.14	24.5	31.6	97	68	NW 1	SE 3	5	6	4.1
13	58.16	57.08	25	31.5	92	68	NNW 1	SE 3	9	5	4.3
14	57.71	57.09	24.4	29.5	97	78	NW 1	E 3	10	10	74.5
15	59.07	57.64	23.5	29.8	96	77	NE 2	SE 2	10	8	21.6
16	58.50	58.96	23.5	25.5	96	93	NW 1	NNW 1	10	10	22.1
17	58.43	57.02	25.2?	31	87?	72	SE 1	SE 3	10	9	3.6
18	57.15	55.86	24.5	29.7	94	77	NW 1	NNE 1	5	8	.8
19	56.54	55.84	23.5	31.2	96	72	NNW 1	S 2	4	5	------
20	56.43	56.04	27.6?	32	87?	66	S 2	SSE 2	7	4	15.7
21	57.10	56.12	27	32.6	92	66	SE 3	SSW 3	9	5	3
22	58.24	58.04	25.5	31	96	75	NW 1	WNW 1	10	10	3.8
23	58.22	57.07	25.5	32.6	98	68	NW 1	SW 1	10	7	3.6
24	56.15	55.09	26.5	31.2	93	69	WNW 2	WNW 3	10	10	.5
25	55.43	54.46	26.2	31.5	92	72	NW 1	WNW 3	7	5	2
26	54.88	53.68	26	29.2	92	83	WNW 3	WNW 2	9	6	.5
27	54.38	53.16	27.3	31	82	75	W 3	WNW 4	10	10	------
28	52.44	51.62	26.8	30.7	87	74	NW 2	W 3	10	10	4
29	51.04	50.55	25.6	29.2	95	78	NW 3	W 3	10	10	62.5
30	51.17	53.23	26.8	25.7	86	91	W 4	W 4	10	10	8.9
31	54.28	54.43	25.5	31	92	71	NW 1	W 2	10	10	------
Mean	57.17	56.42	25.5	30.7	92.7	74.3	1.6	2.4	8.1	7.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	315.6

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.72	54.71	26.1	32.1	91	68	NW 2	W 4	7	4	------
2	56.72	55.30	24.1	32.5	96	67	NW 1	WSW 3	2	6	------
3	56.62	55.70	24.3	33	96	67	NW 1	WSW 2	10	5	------
4	56.05	55.31	25.8	32.6	85	68	WNW 1	WSW 3	8	9	------
5	56.26	56.57	26.6	30	89	80	NW 1	WNW 2	10	10	5.1
6	57.31	56.44	25	30	93	69	NW 1	W 2	10	10	.3
7	58.12	56.53	25.5	32.2	96	63	WNW 1	W 3	10	4	------
8	56.71	54.65	25.6	32.6	90	64	NW 1	W 3	3	4	------
9	54.96	55	25.8	33.5	90	58	WNW 3	W 3	8	4	------
10	56.33	55.92	26.8	33	86	61	NW 1	WNW 3	7	10	------
11	57.62	56.69	27	32.5	84	62	NW 2	WNW 3	10	8	------
12	57.72	56.23	27	30.4	81	69	WNW 2	WNW 2	10	10	------
13	56.77	55.61	25.6	33	92	65	NW 1	WNW 3	10	7	------
14	56.81	56	25.6	34.6	91	59	NW 1	W 3	4	3	------
15	56.79	56.46	24.5	35	96	58	NW 1	W 3	3	5	.5
16	57.85	56.94	25.5	29.5	92	78	NW 1	WNW 3	10	10	5.4
17	56.41	55.10	25.5	30	91	78	WNW 1	ESE 2	10	10	53.6
18	55.22	54.63	24	30	97	75	NNW 1	SSE 2	7	10	7.9
19	55.35	54.65	24.2	30.3	97	74	NW 1	SE 1	7	7	2
20	55.71	54.88	25.5	29.5	96	77	WNW 1	W 1	10	10	------
21	55.75	55.47	26.5	31.5	93	69	WNW 1	SW 3	8	7	1
22	56.61	55.69	25.5	30.8	92	70	NW 1	WNW 3	10	10	------
23	55.51	55.19	24.9	32	92	65	WNW 1	WSW 3	10	7	------
24	56.22	55.79	26.1	32.2	91	66	WNW 1	SSW 2	10	8	------
25	57.43	56.63	26.5	32.6	90	68	WNW 1	SSE 2	8	7	------
26	58.93	57.37	26	33	92	67	SSW 1	SSE 2	7	3	17.5
27	59.34	58.88	25.6	26	93	89	NW 1	NNW 2	10	10	22.4
28	59.33	58.27	22.7	32	97	66	NNW 1	W 2	6	4	------
29	59.09	56.99	24	31	93	69	NW 1	SE 3	3	5	------
30	58.74	57.35	22.4	31	96	71	WNW 2	SSE 2	9	9	4.8
31	57.81	56.71	24.5	27.7	94	83	NW 1	WNW 3	10	10	4.3
Mean	56.96	56.05	25.3	31.5	92	69.1	1.2	2.5	8	7.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	124.8

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[a] These temperatures do not seem to be reliable.

VIRAC.

[ϕ=13° 35′ N; λ=124° 14′ E; barometer above sea, 7 meters; gravity correction not applied, —1.76 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.12	56.32	23.5	31	96	69	NW 1	W 2	10	10	0.3	59.07	57.50	25	31.3	95	74	W 2	S 2	10	10	5.6
2	56.99	55.27	24.6	32.5	95	61	WNW 2	W 3	7	7	13.5	56.89	55.12	25	28.5	96	91	N 1	S 1	10	10	22.1
3	56.59	55.10	25.2	30.3	95	74	W 1	WNW 2	10	10	6.6	55.63	54.38	24.1	27	97	94	WNW 1	WNW 2	7	10	34.6
4	55.26	55.07	25.5	30.2	93	74	W 2	SW 2	10	10	.2	55.78	54.82	24	27	98	89	NW 1	NW 3	10	10	10.2
5	55.06	54.09	25.7	31	93	71	WNW 1	WSW 2	9	10		55.82	54.43	23.8	30.2	97	71	NW 1	SSE 2	8	6	15
6	54.58	53.10	26	32.6	92	65	W 2	W 4	6	6		55.39	54.08	22.8	31	98	65	NNW 1	SE 2	7	6	1.3
7	53.93	52.65	27.5	30.4	84	80	WSW 3	WSW 4	10	10		55.08	54.16	23.5	30.6	97	70	NNW 1	SE 3	7	5	
8	53.48	52.48	27	30.8	86	73	W 2	WSW 3	10	10	7.6	55.22	54.73	25.6	31.3	91	74	E 2	SE 3	6	8	26.7
9	54.37	54.49	25.6	30.5	93	72	W 2	WSW 3	10	8	6.8	55.99	55.29	23.6	28.6	97	80	NW 1	E 1	10	10	2.5
10	55.51	55.15	25.6	29	91	81	NW 1	WNW 2	10	10		57.69	56.86	23.8	31	97	72	NW 1	SE 3	7	7	15.2
11	54.91	54.52	26	30.3	89	76	NW 1	WSW 3	10	8		59.79	58.35	24.6	31.3	98	75	E 1	SSE 3	6	6	.3
12	55.62	54.64	25.3	31	93	71	WNW 1	WNW 2	10	7	2.5	59.27	57.40	25.5	29.6	98	81	NNW 1	S 1	7	10	12.2
13	56.86	55.59	25	29.4	95	79	WNW 2	SE 2	10	10	3	57.17	56.01	25	28.4	95	83	W 1	SE 1	10	10	58.9
14	57.48	56.67	25	31.4	92	71	ENE 1	SSE 2	10	7		56.83	56.37	26.9	28.6	90	85	SE 3	SE 2	9	9	7.6
15	57.73	57.06	24	29.2	95	80	W 1	SE 3	10	10	25.4	57.48	56.96	25.9	30.6	96	77	S 1	SE 2	8	9	
16	59.22	59.07	24.4	27	97	88	NNW 1	E 3	8	10	4.5	(a)										
17	58.95	58.09	23.4	32	97	66	NW 1	E 2	5	6	16.3											
18	58.51	57.06	24.5	29	94	79	WNW 2	SW 2	10	10	21.3											
19	57.99	56.96	23.2	30.7	95	72	NW 1	SE 2	8	7	2.5											
20	58.46	57.16	24.7	30	91	75	NW 1	SE 2	7	6	1											
21	58.82	58.16	24	27	95	86	NW 1	WNW 1	4	9	3.6											
22	58.27	57.36	23.2	26.5	97	91	NW 1	NW 1	5	10	.8											
23	58.02	56.89	23.6	28.6	98	84	NW 1	NW 1	4	9	2.8											
24	57.48	56.72	24	31	97	73	NNW 1	SE 3	4	5	4.1							S 5	SSW 4	10	10	
25	58.17	56.96	25	32	97	67	NNW 1	S 2	10	4	1.8							S 4	SW 4	10	10	
26	58.94	56.93	24.4	32	97	66	NW 1	SE 1	9	5	2.8			24.7	33.4	94	61	W 3	WSW 2	8	9	
27	58.96	57.44	24.5	31.9	96	70	NW 1	SSE 1	5	5	7.9			27	29.5	84	75	NW 3	WNW 3	10	10	
28	59.19	58.13	24	29	97	75	NNW 1	SE 3	10	10	4.6			26.8	29.2	89	78	W 3	WNW 3	10	10	
29	58.78	57.64	23.5	31.1	96	69	NW 1	ESE 3	5	4				28.1	31.3	77	66	W 3	SW 4	10	10	
30	58.98	57.78	23.6	32	97	66	NW 1	ESE 3	4	6				28	31.5	85	69	S 4	S 3	10	5	
31														27.7	31	84	73	S 2	SE 1	10	10	
Mean	57.14	56.15	24.7	30.3	94.1	74.1	1.3	2.3	8	8		56.87	55.76	25.3	30	93	76.3	2	2.4	8.7	8.7	
Total											139.9											

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1			25.6	30	95	80	NW 1	ESE 2	10	6	1			24	24.7	97	97	NW 1	NE 1	10	10	68.1
2			25.7	32	93	64	NW 1	ESE 2	5	10	44.7			25.8	25.3	93	89	ENE 2	NE 2	10	10	76.7
3			26	25.3	90	86	N 9	SW 7	10	10	150.2			24.5	27.4	97	81	NE 1	E 2	10	10	39.4
4			27	30	89	81	S 3	S 3	10	7				24	27.3	98	85	NW 1	SE 3	10	10	
5			27.8	31.8	91	70	SE 2	ESE 3	5	7	.5			25	28	93	79	NW 1	ENE 2	10	10	31.5
6			25.3	33	89	57	NW 2	SE 2	4	4	.5			25.2	25	97	95	N 4	N 10	10	10	194
7			24.9	30.9	92	67	NW 1	SE 2	6	9					27		87	S 7	SW 5	10	10	
8			24.5	31	93	75	NW 1	NE 2	4	7	4.3			26	31	92	77	NW 1	SSE 3	5	6	16.8
9			25.5	28	93	89	NW 1	WNW 2	8	10	64			25	31.4	93	73	NW 1	SE 3	9	9	.5
10			25.3	26.8	98	90	ENE 4	SSE 4	10	10	17			24.9	27.7	92	84	NNW 1	SSE 3	10	10	21.9
11			27.2	28	92	80	SSE 3	SE 2	10	10	3			24.7	27.5	92	81	NW 1	ESE 2	10	10	30.8
12			26.7	31.8	94	70	S 1	SE 1	10	4	2.3			25.2	29.7	95	73	E 1	SE 3	6	5	1
13			24.5	31.8	94	69	NW 1	E 3	8	6				24.1	30.7	96	74	WNW 1	SSE 3	10	7	
14			23.5	32.9	96	64	NW 1	SE 3	3	7	1.3			24.6	31.6	95	70	NW 1	SE 2	7	6	
15			24	31.4	98	70	NW 1	ENE 1	5	6	1.5			23.8	30.4	97	73	NW 1	SSE 3	4	8	
16			24	31.3	97	73	NW 1	E 2	4	6	8.7			23.6	30.3	97	70	NW 1	SSE 2	3	9	9.4
17			25	27	98	89	E 1	ENE 3	9	10	21.6			24	31.4	98	71	WNW 2	SE 3	10	7	
18			25.8	32.2	85	68	NE 2	E 2	8	7	6.4			23.5	28.5	96	81	NW 1	ESE 3	10	10	8.6
19			25	31.7	98	72	E 2	E 3	10	5	8.9			25.2	26.5	92	90	ESE 3	ESE 3	10	10	121.9
20			24.6	29	97	88	NW 1	E 3	5	10	20.9			24.6	26.7	98	90	ENE 1	ESE 3	10	10	2.3
21			24.6	30	95	65	NW 1	E 3	10	9	16.7			24.9	24.6	98	97	WNW 1	ENE 1	10	10	97.8
22			25.3	30	83	70	NW 2	ESE 3	10	9	12.5			24.2	25	98	95	NE 1	NE 1	10	10	37.8
23			25.3	30.4	86	70	NW 1	ENE 3	10	6	11.2			24.3	25.8	94	93	NNW 1	SE 3	10	10	23.6
24			24	30.6	97	77	NW 1	ESE 2	5	7	14			24.5	28.7	96	83	E 4	SE 3	10	10	5.4
25			24.8	28.4	98	80	NW 1	E 2	7	7	6.4			25.5	27.8	94	92	NW 1	NE 1	10	10	29
26			25.8	27	92	92	E 1	E 1	8	10	22.4			24.6	28.9	97	84	NW 1	SE 3	10	10	
27			24	31.7	97	68	NW 1	ESE 2	7	6				24.2	31	98	75	NW 1	ESE 2	10	10	1.3
28			24.6	30.3	97	71	NW 1	ENE 3	3	7	9.4			25.6	30.1	95	71	NW 1	SE 3	10	4	10.7
29			24	30.4	98	77	NW 1	SSE 2	3	8	11.2			24	31.5	98	70	NW 1	SE 3	4	4	
30			24.7	26	92	94	NW 1	E 1	10	10	50.3			24.6	30.1	95	73	NNW 1	SE 2	3	7	
31														24.2	32	98	71	NW 1	SE 3	10	9	.5
Mean			25.2	30	93.6	75.5	1.7	2.5	7.2	7.7				24.6	28.5	95.6	81.4	1.5	2.8	8.7	8.7	
Total											510.9											829

NOTE.—The house-station, barometer, thermometer shelter and raingauge were destroyed during a typhoon on October 22–23.

[a] The observations from 16 to 23 and all other records were lost during the same typhoon.

NUEVA CACERES.

[φ=13° 37′ N; λ=123° 11′ E; barometer above sea, 8 meters; gravity correction not applied, −1.75 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.83	60.19	18	30.4	95	63	W 1	N 2	5	8	------	63.14	61.04	18	32.3	100	52	Calm	NE 1	4	8	------
2	61.70	60.60	23.5	26.5	96	88	Calm	N 1	9	9	1.1	62.16	60.39	17.5	31.5	98	51	Calm	N 1	5	8	------
3	61.45	60.54	19	30.4	98	55	Calm	N 3	3	6	------	61.03	59.70	16.9	29	98	58	Calm	NNW 1	4	9	------
4	62.69	61.23	24	28.6	83	71	Calm	NE 1	10	10	------	61.37	59.34	17	31.2	98	51	Calm	NNW 1	6	8	------
5	62.30	60.32	23.4	30	97	70	Calm	W 1	10	10	------	62.52	60.26	18	30.5	95	58	Calm	NNW 2	5	8	------
6	62.41	60.04	22.9	29.5	97	83	Calm	N 1	8	9	------	61.77	60.14	19.5	29.5	95	63	Calm	NNW 1	3	8	------
7	61.55	58.96	20.7	33	98	68	Calm	NNE 1	8	7	------	61.31	60.06	22.4	32	96	35	Calm	SE 4	8	8	------
8	61.30	59.56	21.4	30.5	99	68	Calm	NE 2	10	9	------	62.34	60.81	17.1	32	97	53	Calm	N 3	7	8	------
9	61.66	60.48	23	27	97	84	Calm	NNE 2	9	8	------	62.58	61.04	17.5	30.4	99	51	Calm	N 1	5	8	------
10	62.22	61.16	23.2	29.9	90	62	WSW 1	SSE 2	9	8	------	61.77	59.97	20	29.7	98	65	Calm	N 2	9	9	------
11	62.15	61.29	20.2	32.2	98	53	Calm	NE 1	9	8	------	60.52	59.53	21.6	28.4	96	70	Calm	N 1	8	9	------
12	62.81	61.21	18.4	30.5	99	48	Calm	NE 3	7	7	------	60.94	59.45	23	30.4	97	63	Calm	ESE 1	10	8	------
13	63.85	62.31	16	31	95	52	Calm	NE 3	5	6	------	61.02	60.07	21.5	33.4	98	39	Calm	N 3	8	9	------
14	63.72	62.69	22.8	31.2	89	41	N 2	NE 4	9	5	------	61.66	61.26	17.2	31.6	94	38	Calm	E 2	8	5	------
15	64.13	63.28	22	30	78	48	Calm	E 3	6	4	------	63.36	61.78	17.5	29.9	95	60	Calm	N 3	4	8	------
16	64.73	63.44	22.3	30.3	88	51	NNE 1	N 3	8	9	------	63.64	61.06	16.8	29.7	96	60	Calm	N 3	4	8	------
17	65.08	63.14	22.5	30.2	89	62	Calm	NNE 3	9	8	------	62.78	60.97	17.6	30.5	98	57	Calm	N 2	5	9	------
18	64.38	63.05	22.4	30	88	62	NNW 1	NNW 2	8	9	------	62.34	61.17	15.6	30.2	98	49	Calm	N 2	4	8	------
19	63.41	61.22	18.3	30.7	97	55	Calm	N 3	3	5	------	63.18	61.38	17	32.5	98	35	Calm	N 2	3	8	------
20	62.15	59.98	19	30	95	62	Calm	NNE 3	3	6	------	62.51	60.89	16.2	32.4	98	47	Calm	N 2	7	8	------
21	62.01	60.67	24	28.4	90	65	N 1	N 3	9	9	------	63.07	60.93	17.3	31.8	97	50	Calm	N 3	4	5	------
22	62.52	61.05	23	26	97	89	Calm	N 1	8	9	5.3	62.82	61.66	21.8	24.6	95	90	Calm	Calm	10	10	1.8
23	62.23	61.10	21.6	28.2	99	73	Calm	NNW 2	9	8	------	62.77	61.42	20	30.7	98	49	Calm	ESE 2	6	8	------
24	62.27	60.33	22	27.5	98	73	NNE 1	NNE 2	9	9	------	62.92	61.08	16.7	30.8	95	49	Calm	N 3	4	7	------
25	62.86	61.49	20.8	30.5	98	61	Calm	NNE 2	9	8	------	62.97	61.05	19.5	30	95	62	Calm	N 2	9	8	------
26	62.88	61.35	18.7	28.8	98	65	Calm	NNE 1	5	8	------	62.79	60.83	18.8	32.3	97	52	Calm	NNE 3	4	8	------
27	61.89	60.02	18.5	30.5	99	48	Calm	ENE 1	3	8	------	61.93	60.68	19.3	30.3	97	63	Calm	NNE 3	9	9	------
28	61.02	60.34	22	28.4	96	70	Calm	NE 1	10	9	1.5	62.24	61.16	22.4	28.2	92	67	Calm	NNE 3	10	10	------
29	61.67	61.18	22.8	29	95	67	Calm	NNE 1	10	9	------	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
30	61.86	61.23	19.4	27.2	96	75	Calm	NNE 1	8	9	4.8	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
31	62.37	61.26	20.1	30.5	98	60	Calm	NNE 2	5	8	------	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
Mean	62.55	61.12	21.2	29.6	94.5	64.3	0.3	2	7.5	7.9	------	62.27	60.68	18.7	30.6	96.7	54.9	0	2	6.2	8.1	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	12.7	-----	-----	-----	-----	-----	-----	------	------	-----	-----	1.8

Day.	MARCH.											APRIL.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	62.16	61.14	17	28	97	70	Calm	N 2	3	8	------	61.06	59.08	23.5	32.2	97	54	WSW 1	SW 1	4	8	------
2	63.02	61.72	19.3	31.7	97	56	Calm	N 2	3	8	------	60.52	59.06	22	33	96	56	Calm	SW 2	3	8	------
3	62.51	61.56	20	31	95	52	Calm	Calm	8	8	------	60.67	59.71	23	33	96	59	Calm	N 1	6	8	------
4	63.60	62.81	21	32.2	94	53	Calm	N 1	10	10	------	61.66	59.56	22.2	34.8	96	49	Calm	SW 2	8	7	------
5	63.76	62.03	19.5	32	95	54	Calm	N 3	8	9	------	61.99	60.01	22	35	94	49	Calm	NE 2	3	7	------
6	62.88	60.83	20.6	31.6	95	54	Calm	NNE 2	3	9	------	62.82	60.65	20	34.5	94	41	Calm	NE 1	2	8	------
7	62.50	60.76	18.8	33.1	97	47	Calm	N 2	3	8	------	62.45	60.79	20.4	33.5	94	47	Calm	NW 1	2	9	------
8	63.30	61.57	19.9	33.1	94	44	Calm	NNE 3	3	7	------	62.31	60.57	21.4	33	98	54	Calm	N 2	2	8	------
9	63.67	62.02	19	30.5	95	63	Calm	N 2	3	8	------	61.97	60.76	22	32.8	95	60	Calm	E 1	3	8	------
10	63.77	62.06	22.5	31.8	87	54	Calm	NNE 2	9	8	------	61.86	60.02	22.4	31.5	94	68	Calm	NE 3	3	8	------
11	63.16	60.87	21.7	32.4	96	57	Calm	N 2	8	7	------	61.68	59.45	21.5	33.8	95	49	Calm	NNE 1	3	8	------
12	61.63	58.92	21	33.5	96	48	Calm	W 2	4	8	------	61.61	60.38	20.8	31.5	93	64	Calm	N 1	3	8	------
13	61.77	59.80	21.2	33.6	94	42	Calm	SW 2	5	8	------	62.14	60.83	23	32	96	58	Calm	NNE 1	3	8	------
14	61.88	60.32	21	33	100?	50	Calm	NNE 2	7	8	0.9	62.05	60.62	21.5	32.1	94	60	Calm	N 3	3	8	------
15	62.40	62.04	23.8	24.5	95	94	NE 1	NNE 1	10	10	17.9	61.15	59.61	21.3	32.8	94	48	Calm	Calm	7	8	------
16	62.10	61.26	22.8	25.7	97	86	Calm	NE 1	8	10	6.6	60.60	58.73	20.5	31.8	92	58	Calm	NE 2	4	8	------
17	61.85	60.54	21.4	30	96	71	Calm	W 1	8	9	1.3	59.61	57.75	20.6	31.2	95	60	Calm	NNE 2	9	8	------
18	62.19	62.34	20.1	26.2	99	85	Calm	E 2	8	10	3.5	59.46	57.94	20.7	34	94	51	Calm	N 2	4	8	------
19	63.30	62.34	23.4	30.8	84	58	N 1	NE 2	9	9	------	60.38	59.15	20.7	31.7	94	64	Calm	NNW 3	7	8	------
20	63.28	61.37	20.2	28.2	96	66	Calm	N 2	8	8	------	61.41	59.91	22	30.7	94	56	Calm	SSE 3	3	9	8.4
21	62.07	60.72	21.6	30.2	96	55	Calm	S 2	9	10	------	61.56	59.03	21.2	30.5	96	65	Calm	N 3	8	9	------
22	61.30	60.01	23.5	31.6	93	54	Calm	SW 1	9	9	------	61.45	60.28	22.8	26.5	95	83	Calm	NNE 1	8	8	1.9
23	62.32	60.78	20.5	32.5	95	50	Calm	N 3	8	8	------	61.17	60.16	20.4	29.7	96	69	Calm	NE 3	3	8	------
24	63.05	61.15	20	32.2	98	59	Calm	N 2	3	8	------	61.66	60.05	22.3	32.3	90	56	Calm	NE 3	3	8	------
25	62.71	60.23	20	32.5	99	54	Calm	NNE 3	5	7	------	61.48	59.32	20.7	30.5	94	60	E 1	NE 3	2	9	------
26	61.03	60.32	20	30	95	65	Calm	NNE 3	3	7	------	60.57	58.83	21	32	97	61	Calm	NNE 2	3	8	------
27	61.91	61.09	23	26.3	91	82	N 1	WNW 1	9	9	2	59.87	58.28	22.8	30.5	95	66	Calm	N 2	5	8	------
28	62.27	61.07	21.5	28.6	98	68	Calm	NNW 2	5	8	------	59.83	58.82	21	33	96	56	Calm	N 3	5	8	------
29	62.35	61.39	20.5	30.3	95	62	Calm	NE 3	3	9	------	59.92	57.49	22.5	33.4	92	59	Calm	N 3	3	7	------
30	62.18	61.02	24	29.3	95	73	Calm	N 2	9	9	------	59.41	57.62	22	35.3	96	48	Calm	N 3	5	8	------
31	61.61	60.38	22.5	31.8	97	64	Calm	N 3	7	8	4.1	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
Mean	62.50	61.11	21	30.6	95.2	61	0.1	2	6.4	8.5	------	61.14	59.48	21.6	32.3	94.7	57.6	0.1	2	4.2	8	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	36.3	-----	-----	-----	-----	-----	-----	------	------	-----	-----	10.3

NUEVA CACERES.

[φ=13° 37′ N; λ=123° 11′ E; barometer above sea, 8 meters; gravity correction not applied, —1.75 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.11	58.03	23.6	26.7	93	87	Calm	ENE 1	8	9	1.9
2	58.73	56.81	24.4	33.6	97	58	Calm	NNE 1	9	8	24.6
3	58.73	57.73	24	27.2	98	89	Calm	Calm	8	9	5.8
4	58.52	56.35	23.2	30.5	98	70	Calm	NW 1	9	8	13.7
5	58.44	56.70	23.4	32.3	93	64	Calm	Calm	8	8	-----
6	58.47	57.51	23.4	30.5	97	72	Calm	N 1	7	9	4
7	58.42	56.95	22.7	32	99	64	Calm	NNE 2	7	8	-----
8	58.34	57.36	22.6	34	93	38	Calm	SSE 1	6	7	-----
9	58.35	57.28	24.8	32.7	88	57	Calm	N 2	9	9	-----
10	58.36	56.55	22.6	34	96	51	Calm	N 1	8	9	-----
11	58.35	56.85	23.9	35	92	49	Calm	W 1	9	9	-----
12	58.71	57.01	24.1	35.8	97	54	Calm	WSW 1	5	8	-----
13	58.67	56.78	24.8	35.1	95	52	SE 1	SW 1	10	9	-----
14	58.74	56.65	25.9	34.9	93	54	SSE 1	SW 2	10	8	-----
15	59.10	56.64	26.2	34.4	90	54	SSE 1	W 1	10	8	-----
16	58.17	57	25.7	28.3	91	67	SSE 1	NE 2	9	10	-----
17	58.71	57.48	24.5	33	96	61	Calm	ENE 1	8	8	11.7
18	59.89	58.45	25.2	33	95	57	Calm	SW 2	8	9	-----
19	59.80	58.63	25.3	33.3	96	56	SSE 1	SW 2	10	10	-----
20	59.15	57.15	25.4	32	93	61	SSE 1	W 1	8	9	-----
21	58.12	56.34	25.3	33.4	94	57	S 1	SSW 1	9	8	-----
22	57.57	56.71	25.4	32.5	91	60	SSE 1	S 1	9	10	3
23	58.93	57.41	25	32.4	97	64	SE 1	SSW 1	9	8	6.5
24	59.30	58.13	25	28.5	95	81	Calm	SSW 1	8	10	2.8
25	59.66	57.56	23	32.2	99	61	S 1	SSW 1	9	8	-----
26	59.83	58.30	24.3	28.9	97	71	S 1	E 1	7	9	-----
27	59.21	57.74	25	33	97	62	Calm	SW 1	8	8	.5
28	59.30	58.42	25	32.6	97	63	Calm	SW 2	10	9	-----
29	59.41	57.39	25	33.8	93	58	S 1	SW 1	9	8	-----
30	58.58	56.44	25.2	35.6	95	47	Calm	SSW 2	8	9	-----
31	57.76	55.72	25.7	35.2	93	51	S 1	WSW 2	9	9	-----
Mean	58.79	57.23	24.5	32.5	94.8	61	0.4	1.2	8.4	8.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	74.5

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.21	57.08	25	32.5	95	67	S 1	W 2	8	9	13
2	59.69	58.06	23.6	34	97	57	Calm	NNE 2	3	7	-----
3	60.55	58.46	23.9	29.5	95	77	Calm	N 1	5	9	1.4
4	59.60	58.73	23.2	31.2	97	64	Calm	SSW 3	8	9	3.4
5	58.54	58.12	23.9	28.5	97	74	SSE 1	WNW 1	9	9	-----
6	59.50	58.22	23	28.8	97	79	Calm	N 2	8	9	1.4
7	58.82	57.91	23	31.9	97	58	Calm	N 1	8	8	-----
8	59.12	58	23.4	31.3	97	64	Calm	NNE 1	2	9	-----
9	57.64	56.77	23	27.2	97	80	E 1	E 1	7	9	29.4
10	57.67	57.76	23.4	29.5	97	75	Calm	NNE 1	8	9	-----
11	57.88	56.59	23.7	29	97	78	Calm	SSW 1	9	9	-----
12	58.15	58.31	24.5	26	96	92	Calm	NW 1	9	10	.1
13	-----	57.10	-----	32	-----	58	-----	SE 1	-----	8	-----
14	58.73	56.76	25	32.9	92	56	Calm	SSE 3	9	8	6.6
15	58.70	57.43	25.1	30	95	71	Calm	SE 2	10	8	3.6
16	59.30	58.25	25.5	34	96	55	ESE 1	ESE 3	9	8	-----
17	59.41	57.51	24.5	34.4	96	50	Calm	S 2	9	8	-----
18	58.73	56.92	24.8	33	95	56	Calm	ESE 3	8	8	-----
19	58.13	56.94	24.6	29.5	95	79	Calm	WNW 1	8	9	-----
20	57.60	56.82	24	29.7	97	71	Calm	SSE 1	9	10	.3
21	58.15	56.80	23.5	31.7	97	63	Calm	N 1	10	10	-----
22	58.72	56.66	23	32	97	65	Calm	N 1	9	10	-----
23	57.96	56.38	24	31	95	65	Calm	N 1	10	9	-----
24	58.13	56.88	25	30.9	93	65	Calm	Calm	9	9	-----
25	58.51	56.31	24	34.6	97	56	Calm	NNE 2	8	8	2.5
26	58.26	56.81	24.6	29.9	97	79	SSE 1	SSW 1	9	9	3.5
27	58.15	57.44	25.2	33	95	55	SSE 1	SSE 3	8	8	.5
28	58.76	57.45	24	34.4	97	54	SSE 1	W 2	7	8	.1
29	58.57	58.27	24.2	30.2	97	73	W 1	SW 1	8	9	5.6
30	59.54	57.77	24	32.3	95	56	S 1	S 1	9	8	5.1
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	58.36	57.42	24	31.2	92.8	66.4	0.3	1.5	7.8	8.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	76.5

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	59.45	57.54	24	33.2	95	59	SE 1	SW 2	8	8	-----
2	57.18	56.94	25.4	30.5	94	71	Calm	SSW 1	9	9	2.6
3	57.08	56.08	24.7	33.4	94	62	SSE 1	WSW 1	8	7	-----
4	58.27	57.15	25	34.5	95	54	S 1	SSW 2	7	5	-----
5	58.87	57.49	25	34.8	97	57	Calm	SSW 2	2	6	-----
6	58.82	57.33	24.5	29.4	96	81	Calm	WSW 2	8	9	5.5
7	59.83	57.91	25	34.7	92	42	Calm	SE 2	9	8	-----
8	60.50	58.75	24.2	33	94	60	Calm	NNE 2	4	9	-----
9	60.41	59.33	25	30.7	95	74	Calm	SW 1	8	9	5.7
10	60.48	60.10	24.5	28	96	86	Calm	Calm	8	10	7.2
11	59.54	58.39	24	34.4	97	57	Calm	NNW 3	8	9	-----
12	59.09	57.97	23.5	29.2	96	76	Calm	WNW 2	7	9	2.8
13	58.32	57.17	23.3	25	97	88	Calm	Calm	8	9	21.8
14	58.09	57.23	23.6	29.4	98	81	Calm	N 1	9	10	11.4
15	58.86	58.03	24	29	90	74	ESE 3	NNE 2	10	10	4.8
16	58.72	58.60	23.2	28	98	85	Calm	N 1	10	9	-----
17	58.52	57.31	23.3	31.5	97	69	Calm	N 1	10	9	-----
18	57.56	56.18	24.2	30.4	97	70	Calm	N 1	7	8	-----
19	57.02	55.08	22.9	32	98	65	SW 1	NNE 1	6	8	1.8
20	56.80	55.55	24.3	33.8	97	58	Calm	WSW 2	6	8	-----
21	57.53	56.36	24.7	33.3	97	59	Calm	WSW 2	8	9	-----
22	58.57	57.97	25.4	28.8	97	80	Calm	SE 1	8	9	-----
23	58.46	57.14	24.4	32.5	95	67	SSE 1	SSW 2	8	9	-----
24	56.50	55.29	25.5	33.3	93	59	Calm	SW 1	10	8	6
25	55.86	54.72	25.5	31.5	88	69	Calm	SW 3	9	9	14
26	55.85	53.82	25	31.3	93	64	Calm	SW 3	10	8	.7
27	54.46	53.37	27	29.2	84	75	SSW 2	SW 3	9	9	1.2
28	52.90	53.17	25.5	24.7	93	94	Calm	WSW 1	10	10	27.2
29	52.31	50.61	25.4	29	97	78	NW 1	SW 3	10	10	45.7
30	51.81	52.82	26	27.4	90	84	SSW 3	SSW 3	10	10	16
31	54.16	54.60	27.5?	28.8	77	75	SSW 3	SSW 4	10	10	-----
Mean	57.48	56.45	24.7	30.8	94.1	70.1	0.5	1.8	8.2	8.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	174.4

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	56.43	55.80	25.5	32.2	94	61	SSE 1	SSW 3	6	7	-----
2	57.31	55.81	26.2	32.2	92	63	S 1	SSW 3	8	8	-----
3	57.37	56.19	25	32.8	95	63	S 1	SSW 3	9	8	-----
4	56.86	55.99	26.2	32.5	92	63	Calm	SW 2	8	9	-----
5	56.90	56.87	26.7	30.7	93	74	SSE 1	SSW 2	10	10	20.8
6	58.21	57.13	23.3	29	97	78	SSE 2	WSW 2	10	10	10.4
7	58.67	57.27	24.8	30.8	98	68	Calm	SW 3	9	8	-----
8	57.43	55.91	25	31.4	95	67	S 1	SW 3	4	8	-----
9	55.59	55.76	26.5	32	91	65	SSW 1	SW 4	5	8	-----
10	57	56.75	26.5	32.5	88	67	S 1	SSW 3	8	8	16.3
11	58.62	57.46	25	30.9	93	66	S 1	SSW 3	10	8	6.1
12	58.50	57	25	29	92	78	SE 1	SSW 2	9	10	16.5
13	57.07	56.27	25.9	31	92	68	SSE 1	SW 2	10	9	8.1
14	57.17	56.96	26	32.4	92	66	S 1	SSW 3	8	8	-----
15	57.71	57.32	25.4	33.1	97	66	Calm	SSW 2	9	8	1.5
16	58.60	57.45	24.7	29.2	96	85	Calm	Calm	9	9	2.1
17	57.07	55.90	25.3	30	98	78	Calm	N 2	10	10	43.5
18	56.01	55.23	24	28	90	85	Calm	NNE 1	8	10	.7
19	55.92	55.71	24.2	26.8	98	87	SSE 1	NE 1	9	10	10.4
20	56.22	55.19	24.8	28.5	97	83	Calm	SSW 2	8	9	8.9
21	55.93	56.43	26.5	29.8	88	73	S 2	SSW 3	10	9	3
22	57.33	56.63	25.4	30.5	90	72	S 1	SW 2	10	10	-----
23	55.93	56.15	24.7	32.3	97	64	SSE 1	SW 3	10	9	.6
24	56.84	56.39	26	30.5	97	71	Calm	SSW 2	9	9	-----
25	57.87	57.06	26	31.4	92	68	SSE 1	SSW 2	10	8	1.3
26	59.25	58.01	25.3	31.8	98	61	Calm	SSW 2	9	8	-----
27	59.85	60.09	24.5	26.4	96	86	Calm	SSW 1	8	10	11.7
28	59.87	58.77	23.3	32	96	57	SSE 1	SSW 2	8	7	-----
29	59.54	57.66	23.5	34	97	52	Calm	SW 2	4	8	-----
30	59.38	57.80	23.4	32	97	64	Calm	NNE 1	9	8	-----
31	58.10	57.12	23.3	29.2	97	81	SE 1	S 1	9	10	.8
Mean	57.57	56.78	25.1	30.8	94.4	70.3	0.7	2.2	8.5	8.7	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	162.7

NUEVA CACERES.

[φ=13° 37′ N; λ=123° 11′ E; barometer above sea, 8 meters; gravity correction not applied, —1.75 mm.]

Day.	SEPTEMBER.											OCTOBER.[a]										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	57.65	56.49	24.5	30.2	96	73	SSE 1	SSE 2	10	10	------	60	57.87	23.1	29	99	78	Calm	NNW 1	7	9	0.2
2	57.86	55.90	23.8	31.8	97	66	SSE 1	SW 2	9	8	------	57.83	56.20	25	27.2	95	90	Calm	N 2	9	10	45.4
3	57.33	55.47	24.5	32.3	96	62	SSE 1	SSW 2	8	9	------	56.51	54.52	24.9	28.5	98	85	N 1	NNE 1	8	9	1.6
4	56.16	55.63	24.5	29.8	97	75	Calm	SW 2	10	10	0.5	56.58	55.34	23.5	26	99	89	Calm	SE 1	9	10	33.6
5	55.71	54.24	25.2	32.2	95	64	Calm	SSE 1	7	8	.5	56.61	54.70	23.5	32.5	99	65	Calm	N 2	5	4	------
6	55.01	53.60	25.5	32.2	96	68	Calm	SSE 3	8	8	8.3	55.97	54.15	22.8	32.3	98	61	E 1	N 1	10	8	------
7	54.60	53.25	26	30.8	95	73	SSW 2	SW 4	8	8	------	56.62	53.81	22.5	32	96	70	Calm	N 1	7	9	------
8	53.91	52.88	27.2	30.5	87	71	SW 2	SSW 3	9	9	.8	55.85	54.28	23.8	30	97	71	Calm	SSW 2	9	9	------
9	54.76	55.08	26.2	25.9	90	93	SSW 2	WSW 1	10	10	14.8	56.61	55.84	24	26.5	98	91	Calm	SSE 1	9	10	7.9
10	56.12	55.72	25.5	28.5	96	81	SSW 1	SW 2	10	10	10.9	58.33	56.98	23	32	100	65	Calm	Calm	8	8	21.3
11	55.73	55.38	25.2	28	95	89	SSW 1	S 1	10	9	1.6	60.40	59.02	23	28.7	97	78	Calm	NE 1	8	9	------
12	56.48	55.85	24.3	26.5	99	93	Calm	S 2	8	10	21.1	60.15	57.83	24.3	31.4	97	70	Calm	N 1	10	8	1.5
13	57.26	56.22	23.8	29.2	97	82	Calm	SSW 2	9	8	1.1	58.22	56.54	24.2	28.4	98	82	NNW 1	N 2	10	10	17.8
14	57.98	57.11	24	27	98	92	SSE 1	SE 1	9	10	10	57.52	56.50	23.5	26.7	97	86	Calm	S 1	9	10	14.3
15	58.50	56.96	24.4	31.5	98	70	Calm	NE 1	9	8	.3	57.97	57.20	24	29	97	85	SSE 2	N 1	8	9	4.8
16	59.70	59.11	23.7	31	98	76	Calm	N 1	5	8	------	58.51	57.67	24.4	31.5	97	70	S 1	SE 1	10	9	22.4
17	59.44	58.22	24	32.5	97	71	Calm	N 2	7	8	9	58.93	56.91	22.9	32.3	99	64	Calm	N 1	5	7	------
18	59.28	57.83	24.3	29	96	82	Calm	N 1	10	10	5.1	58.56	56.83	23.4	32.4	97	64	Calm	N 2	7	8	------
19	58.62	57.02	23.5	30.5	99	72	Calm	NNE 1	8	9	1	58.24	56.85	22.3	32.4	97	64	Calm	N 2	3	7	------
20	59.02	57.11	23.8	32.6	98	73	Calm	N 1	9	9	------	59.21	57.45	23.5	29.2	96	81	NNE 1	NNE 2	5	8	2
21	59.40	58.80	23.5	24.7	99	94	Calm	Calm	8	10	17.5	58.45	56.90	23.8	26.8	98	92	Calm	N 1	7	10	22.3
22	58.84	57.74	22.7	26	97	95	Calm	NNE 1	8	9	3.6	56.82	54.46	24.6	27	97	92	Calm	N 2	10	10	85.1
23	58.54	57.06	23.1	28.5	99	81	Calm	Calm	8	9	.2	48.44	-----	26	-----	95	-----	N 5	SE 12	10	-----	------
24	58.08	57.31	23.2	25.2	98	92	Calm	NW 1	8	9	34.3	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
25	58.58	57.19	23.7	32.6	100?	66	Calm	SSW 2	7	8	------	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
26	59.18	57.42	24.3	33	97	63	SSE 1	SSW 1	9	8	3	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
27	59.33	57.62	25	33.1	97	63	Calm	WSW 1	8	9	.5	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
28	60.20	58.49	24.4	29.8	97	73	SSE 1	N 1	10	10	8.8	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
29	59.29	57.88	24	30.3	98	74	Calm	NNW 1	9	8	24.2	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
30	59.64	58.29	21.9	30.4	97	77	Calm	N 2	8	8	11.8	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	57.74	56.56	24.3	29.9	96.6	76.8	0.5	1.5	8.5	8.9	------	57.49	56.27	23.7	29.6	97.4	76.9	0.5	1.8	8	8.7	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	183.9	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	280.2[b]

	NOVEMBER.											DECEMBER.										
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	-----	-----	-----	-----	-----	-----	-------	NNE 2	-----	8	11.4	59.77	57.87	24.3	25.4	97	95	N 3	NW 1	10	10	4.6
2	-----	-----	23.5	30.6	97	68	Calm	NNE 4	4	6	49.2	59.44	58.29	23.8	23.2	97	96	Calm	NNE 1	10	10	153.9
3	-----	-----	25.5	24.8	96	98	NNW 3	SW 6	10	10	93.6	59.43	58.38	23.4	25	98	97	N 2	N 2	10	10	84.6
4	-----	-----	24.8	32.8	95	56	SE 1	S 1	8	9	------	58.87	58.07	23.5	27.5	93	76	N 1	N 2	10	9	2
5	-----	-----	24	31.4	98	71	Calm	N 2	8	9	.4	57.44	56.36	24.5?	26.7	84?	74	N 2	N 3	10	10	1.3
6	-----	-----	25	30	90	71	N 2	NNW 2	8	8	------	54.35	48.97	24	24.5	97	96	NNW 4	NW 4	10	10	168.2
7	-----	-----	22.5	29.4	97	70	Calm	NNE 2	4	8	.8	40.74	51.01	22.4	24.5	98	91	SE 10	SE 2	10	10	62.8
8	-----	-----	22.4	29.5	98	83	Calm	NNE 2	5	8	.1	55.21	54.82	24.7	31.2	87	68	E 2	SE 1	9	8	------
9	-----	-----	24.4	30	97	74	NNE 1	N 4	8	9	43.9	57.38	56.32	24.2	29.4	97	75	Calm	E 1	7	8	4.1
10	-----	-----	24.4	23.9	97	97	NW 1	ESE 2	10	10	71.9	59.35	57.62	23.5	24.4	97	93	Calm	NE 2	8	10	14.5
11	58.15	57.48	23	29	98	79	Calm	ESE 2	9	10	15.7	57.44	56.24	23.5	27.9	97	84	Calm	N 1	9	10	2.5
12	58.56	57.73	23.4	31	98	71	Calm	SE 2	8	8	27.2	57.79	56.17	24.4	29.9	97	72	Calm	SW 2	9	8	------
13	60.41	58.45	23.8	30	98	73	Calm	NW 2	10	8	------	57.47	55.62	23.8	33	98	63	Calm	W 2	5	8	------
14	61.07	59.14	22.2	30.5	98	63	Calm	N 3	3	7	------	57.64	56.33	23.5	32	99	61	Calm	NW 2	10	8	------
15	61.41	58.73	21.8	29.4	97	70	Calm	N 3	8	8	------	58.58	56.63	24	31.5	96	68	Calm	WSW 1	8	9	------
16	59.69	58.05	22.6	29.4	97	72	Calm	N 2	3	8	------	58.79	58.02	23.5	28.6	97	80	Calm	NNE 2	8	9	------
17	58.74	58.31	23.3	27.5	97	73	Calm	NNE 3	8	8	------	59.64	58.02	22.7	29	97	79	Calm	NNW 2	9	8	1.1
18	60.22	59.83	24.3	30	82	60	NNE 1	N 3	4	8	2.3	59.91	58.74	21.8	28.5	97	74	Calm	N 2	8	8	93.2
19	60.82	59.55	23.2	27.4	97	81	N 2	NNW 3	8	9	8.1	60.38	59.26	23.5?	26	97?	84	N 2	N 3	10	10	126.9
20	60.42	59.26	24	27.2	98	84	Calm	NNW 2	8	9	12.9	60.98	60.09	24 ?	25.5	91?	88	NNE 2	N 2	10	10	27.4
21	59.89	58.16	23.5	27.8	94	82	NNE 1	NNE 2	10	9	8.3	60.67	60.39	23.9	24	97	96	N 2	NW 1	10	10	138.8
22	58.34	57.26	24.3	27.5	91	82	NNE 2	NNE 2	10	9	7.5	60.34	59.59	23.9	24.2	97	94	NE 1	NNE 2	10	10	32.8
23	58.93	56.43	24	28.8	93	75	NNE 2	N 3	9	8	2.5	60.28	59.95	23.7	24.5	87	89	NNE 2	NNE 2	9	10	10.4
24	57.45	56.10	23.2	28.4	98	88	Calm	N 3	8	9	2	60.41	59.36	23.2	26.4	92	82	NNE 1	N 2	10	10	3.8
25	56.93	55.46	24.5	27	97	90	NNE 1	NNE 1	8	9	.1	59.69	58.61	24.5	27.2	94	84	N 2	N 2	7	9	49.5
26	56.33	55.72	24.1	28.4	99	75	Calm	Calm	10	10	.8	59.32	58.05	25.2	27.2	95	84	N 1	N 2	9	9	3.6
27	57.82	55.95	23.4	29.2	99	82	Calm	N 2	9	8	------	58.23	56.21	24.8	27.8	97	86	NNW 1	N 1	8	9	.5
28	58.03	56.53	23.2	30.5	98	74	Calm	N 2	5	8	------	57.53	56.13	23.9	29.5	97	72	Calm	N 2	9	8	------
29	58.38	57.08	23.4	30.4	97	77	Calm	N 2	7	8	3.4	57.79	56.44	23.2	28	98	86	Calm	N 1	9	9	2
30	59.12	58.63	23.2	26.5	98	88	Calm	N 2	8	10	21.8	58.82	58.04	24.8	30.2	95	66	NNW 1	NNW 2	8	7	1.3
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------	59.54	57.58	23.9	29	95	74	Calm	N 2	9	8	.9
Mean	59.04	57.69	23.6	28.9	96.2	76.8	0.6	2.4	7.5	8.5	------	58.17	57.20	23.8	27.5	95.3	81.5	1.3	1.8	9	9.1	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	383.9	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	990.7

[a] The house station, barometer, thermometer shelter and raingauge were destroyed during a typhoon on October 23.

[b] 22 days of observation.

BATANGAS.

[ϕ=13° 45′ N; λ=121° 03′ E; barometer above sea, 8 meters; gravity correction not applied, —1.75 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	61.57	59.70	20.3	31.3	91	52	NE 1	SE 2	4	6	------
2	62.12	60.18	19.3	31.6	91	52	NE 1	SE 2	1	4	------
3	61.40	60.52	23	30.6	86	55	NE 1	SE 2	1	6	------
4	62.27	60.94	24	29.8	80	56	NE 1	ENE 2	7	9	------
5	62.52	60.33	23.5	32	92	57	NE 1	SE 2	6	6	------
6	62	59.33	23.8	32.3	91	53	NE 1	SSE 2	3	4	------
7	60.78	58.75	23.9	31.6	91	57	Calm	SW 2	4	3	------
8	60.78	59.57	24.7	26.4	81	84	Calm	NNE 2	9	10	33.3
9	61.06	60.01	23.6	25	97	92	NE 1	NE 2	10	10	4.3
10	61.92	60.75	23.5	31	90	56	Calm	ENE 2	3	6	------
11	62.74	60.83	22.7	30.9	94	61	NE 1	SW 2	3	5	------
12	62.22	60.83	22	29.8	95	52	NE 1	SE 2	5	7	------
13	63.45	62.38	20.8	28.3	94	63	NE 1	E 2	1	9	------
14	63.70	62.13	22.3	29	88	55	NE 1	NE 3	5	5	------
15	63.85	62.53	23.3	29.8	94	54	Calm	NE 3	3	6	------
16	63.91	62.93	20.3	30.5	90	44	Calm	ENE 3	4	6	------
17	65.07	62.85	19.3	30.8	91	45	NE 1	ENE 3	4	6	------
18	64.55	63.18	20.8	31.8	93	42	NE 1	ESE 3	3	3	------
19	63.12	60.85	20.3	30.6	93	46	NE 1	ENE 2	1	4	------
20	62.10	59.34	18.8	31	92	53	NE 1	S 2	1	3	------
21	62.05	60.13	20.4	31	92	56	NE 1	ESE 2	1	7	------
22	62.57	60.53	23.8	30	85	62	Calm	SW 2	6	7	------
23	62.29	60.37	23.3	27.3	89	72	NE 1	NW 1	9	9	------
24	61.62	60.05	22.8	29.8	88	55	NE 1	ENE 3	3	7	------
25	62.41	60.75	22.8	30.1	88	60	NE 1	SE 2	1	7	------
26	62.16	60.63	22.3	31.5	92	47	NE 1	SE 2	3	4	------
27	61.39	59.87	22.7	32	89	46	E 1	SE 2	1	5	------
28	61.15	59.35	20.3	31.6	91	56	NE 1	SSW 2	3	6	------
29	61.67	60.35	24.2	30.1	85	53	ENE 2	ESE 2	9	7	------
30	61.22	61	23.9	27.8	84	67	ENE 2	NE 2	3	9	.8
31	62.01	60.43	23.3	31.3	85	50	ENE 1	SSE 3	4	4	•
Mean	62.31	60.69	22.3	30.2	89.7	56.5	0.9	2.2	3.9	6.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	38.4

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	62.71	60.74	21.3	32	92	39	ENE 1	SSE 2	3	4	------
2	61.57	59.89	20.8	31.8	94	41	Calm	SE 3	3	3	----
3	60.33	59.02	20.3	31.7	95	45	NE 1	S 3	3	3	------
4	60.71	58.94	16.8	31.2	94	46	NE 1	SSW 2	1	1	------
5	62.02	60.28	19.3	32.4	89	42	NE 1	SSE 2	1	3	------
6	61.56	59.15	17.6	32.9	88	45	ENE 1	S 2	1	4	------
7	60.90	59.84	22.2	29.6	89	62	NE 1	SSE 3	5	5	------
8	61.76	60.25	21.7	31.5	96	46	NE 1	S 3	3	3	------
9	61.92	60.39	21.3	33.1	94	43	NE 1	SE 2	1	4	------
10	61.02	59.90?	22.3	32.8	92	42	NE 1	SE 3	3	5	------
11	59.94	58.27	23.8	32.3	88	47	NE 1	S 3	7	5	------
12	59.97	58.70	24.8	31.5	85	56	ENE 1	SSE 2	3	7	------
13	60.58	58.79	22.8	33.5	93	37	NE 1	SSE 3	5	6	------
14	61.22	60.23	22.4	33	89	40	ENE 1	SE 3	3	5	------
15	62.87	61.08	20.8	32	87	49	NE 1	SSE 2	1	6	------
16	62.80	60.64	21.5	33.6	87	39	NE 1	ENE 2	1	5	------
17	61.85	60.31	20.3	31.8	86	38	NE 1	S 3	1	3	------
18	61.66	60.33	20.5	30.6	88	45	NE 1	SE 2	4	5	------
19	63.02	61.13	17.6	31.4	86	44	NE 1	S 2	1	4	------
20	61.75	60.03	21	32.3	85	44	ENE 1	SSE 2	2	4	------
21	62.27	60.88	21	32	85	48	NE 1	S 2	6	7	------
22	62.29	59.95	23	31.7	86	41	NE 1	SSE 3	3	5	------
23	62.45	60.57	24.7	32	83	35	ENE 1	SSE 3	5	3	------
24	62.24	60.52	23.9	33.8	87	32	NE 1	SSE 2	1	4	------
25	62.32	60.26	21.9	31.8	87	51	Calm	S 3	1	6	------
26	62.14	60.11	23.3	33	84	42	ENE 1	SSE 2	3	4	------
27	61.33	59.91	21.9	32.8	90	41	NE 1	S 3	4	6	------
28	62.42	59.69	21.4	31	84	53	Calm	S 2	3	7	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	61.70	59.97	21.4	32.1	88.7	44	0.9	2.5	2.8	4.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	62.36	60.72	23.6	30.8	78	51	NE 1	ENE 2	7	6	------
2	62.57	60.87	21.3	32.4	92	42	NE 1	S 2	4	5	------
3	62.80	61.08	23	32.8	86	37	NE 1	SE 3	4	3	------
4	62.92	61.91	23.3	32.5	89	49	NE 1	SSE 3	3	6	------
5	63.36	61.21	23.4	33	86	36	NE 1	SE 2	4	4	------
6	62.25	59.83	23	33.7	86	43	NE 1	S 2	4	5	------
7	61.84	59.73	22.1	33.3	88	41	NE 1	SE 2	2	3	------
8	62.72	60.96	22.3	33.5	88	44	NE 1	SE 2	1	5	------
9	63.05	61.53	24.2	33.8	85	44	NE 1	SSE 3	2	6	------
10	63.35	60.91	23.5	30.2	84	60	NE 1	SE 2	4	4	------
11	63.02	60.14	23	33.6	83	40	NE 1	SE 2	4	5	------
12	61.01	58.71	24.8	33.5	80	33	ENE 1	S 3	1	3	------
13	61.01	59.80	21.4	32	82	49	ENE 1	SW 2	3	5	------
14	62.03	60.41	20.5	32.4	91	50	Calm	SW 2	3	4	------
15	62.45	60.97	25.4	29.8	76	61	NE 1	SE 2	7	7	0.8
16	61.66	60.27	24.3	31.9	84	53	NE 1	SE 2	7	7	------
17	61.75	59.33	23.9	34.1	81	47	NE 1	S 2	3	5	------
18	61.78	61.48	24.1	27.7	86	68	Calm	SE 2	3	9	.3
19	63.32	61.58	23.4	32.2	85	52	ENE 1	SE 1	6	7	------
20	62.92	60.17	22.8	33	86	44	Calm	NE 2	3	6	------
21	61.86	59.81	23.3	33.2	85	47	NE 1	S 2	3	4	------
22	60.66	59.31	23.2	31.6	90	47	NE 1	SSE 2	3	7	------
23	60.95	59.66	25	33.5	83	39	ENE 2	SSE 3	3	4	------
24	62.06	60.36	22.8	34.3	84	36	NE 1	SE 2	4	5	------
25	62.06	59.43	22	33.3	86	48	NE 1	S 2	3	6	------
26	60.71	59.22	22.7	30	85	59	Calm	SE 1	3	7	------
27	61.52	60.23	24.5	29.8	87	61	ENE 1	ENE 4	9	9	2.8
28	61.84	59.94	24.3	32	84	47	E 2	SE 2	7	4	------
29	61.60	60.21	24.8	35.3	80	40	ENE 1	E 2	4	5	------
30	61.85	59.56	24.3	34.4	78	46	NE 1	SE 2	3	4	------
31	60.24	59.26	25.9	34.3	78	41	E 1	SSE 2	3	6	------
Mean	62.05	60.28	23.4	32.5	84.4	46.9	0.9	2.2	3.9	5.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	3.9

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.41	58.88	25.2	34.8	82	42	NE 1	S 3	4	6	------
2	60.19	58.36	24.9	35.8	89	43	E 1	S 2	4	2	------
3	60.42	58.94	24.8	35.8	87	42	NE 1	SSE 3	3	4	------
4	61.15	59.23	24	35.6	83	41	ENE 1	S 2	5	3	------
5	61.45	59.21	23.1	34.6	82	40	NE 1	SSE 3	1	3	------
6	62.26	60.13	24.3	33.6	92	44	NE 1	S 3	2	1	------
7	62.39	60.08	22.8	34.3	88	46	ENE 1	SW 2	5	3	------
8	61.55	59.85	25.9	35.2	80	44	ENE 1	SSE 2	2	5	------
9	61.28	60.06	25.8	34.5	82	44	ENE 1	SSE 2	3	4	------
10	61.84	59.24	25.7	35.4	86	43	ENE 1	S 2	1	4	------
11	60.89	58.66	25.5	35.8	91	41	ENE 1	SSE 3	2	1	------
12	60.95	59.05	23.8	34	93	51	NE 1	SE 3	1	6	------
13	61.58	60.21	25.8	34.4	87	45	ENE 1	SSE 3	3	5	------
14	61.10	59.50	25.3	34.8	86	42	NE 2	S 2	1	3	------
15	60.75	58.63	24.1	34.4	94	40	NE 1	SSE 3	3	3	------
16	59.97	57.60	23.5	34.5	87	41	NE 1	S 2	3	6	------
17	58.86	56.66	24.6	33.5	85	50	NE 1	S 3	5	6	------
18	59.15	57.28	23.8	33.2	85	50	ENE 1	S 2	1	6	------
19	60.29	58.28	24.7	36.1	81	38	NE 1	S 2	4	4	------
20	60.55	58.89	26.4	35.9	79	40	ENE 1	NE 3	1	7	------
21	61.24	58.45	25.5	35.3	83	41	ENE 1	ENE 3	1	6	------
22	60.84	59.21	26.2	34.8	81	44	NE 1	ESE 3	4	6	------
23	60.74	59.83	26	31.5	89	56	E 1	ESE 3	1	7	------
24	61.36	59.53	23.8	34.8	83	39	ENE 1	ENE 3	1	4	------
25	60.75	58.25	25.3	35	77	41	ENE 1	ENE 3	4	3	------
26	59.99	57.98	24.8	35.5	85	40	ENE 1	SE 3	3	5	------
27	59.66	57.37	26.3	34.5	82	49	ENE 1	SSE 3	4	6	------
28	59.85	57.93	24.3	36.3	79	40	ENE 1	SSE 2	5	6	------
29	59.58	56.75	22.8	35.8	84	41	NE 1	SW 2	4	5	------
30	58.91	57.01	25.8	36.7	85	39	NE 1	SE 2	3	6	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.66	58.70	24.8	34.9	84.9	43.2	1	2.6	2.8	4.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0

BATANGAS.

[ϕ=13° 45′ N; λ=121° 03′ E; barometer above sea, 8 meters; gravity correction not applied, —1.75 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.90	56.79	24	35.6	86	41	ENE 1	S 3	4	5	------
2	58.77	56.46	24.3	34	81	50	Calm	WSW 2	6	6	------
3	58.28	56.83	25.6	34	85	55	Calm	S 3	4	7	------
4	58.06	56.06	24.8	34.6	82	49	ENE 1	SW 2	5	5	1.5
5	58.14	56.23	26.3	35.3	86	49	Calm	NE 2	7	6	12.4
6	58.15	57.07	25.8	34.1	90	47	NE 1	SSE 2	3	5	------
7	57.94	56.26	25.8	35.1	85	48	Calm	ENE 2	4	7	------
8	57.95	56.57	25.6	35.9	87	36	ENE 1	SE 2	3	7	------
9	58.03	56.46	25.5	34.2	84	46	NE 1	SSE 3	5	7	------
10	58.35	56.05	26.5	36	83	37	SE 1	SSE 2	7	6	------
11	57.93	56.47	26.2	33.8	87	53	NE 1	SW 2	6	8	------
12	58.46	55.94	25.3	37.4	89	37	ENE 1	SSE 2	5	7	------
13	58.38	56.63	26.2	34.4	84	49	Calm	SW 2	6	5	------
14	58.42	56.52	26.8	33	89	61	SE 1	W 2	7	7	------
15	58.39	56.56	26.8	34.6	87	52	Calm	WNW 2	6	6	------
16	57.99	56.35	26	34.2	95	55	Calm	SSW 2	7	7	------
17	58.23	56.42	26	35.3	87	45	ENE 1	SSE 2	5	6	------
18	59.30	58.30	26.6	30	87	69	NE 1	SW 2	9	8	.5
19	59.46	58.67	26.3	30.8	90	67	NE 1	SW 1	6	9	------
20	58.88	57.72	26.1	28.7	88	73	Calm	W 2	6	9	------
21	57.92	56.16	25.3	33.3	89	59	Calm	SW 2	9	6	1.8
22	57.26	56.23	26.1	31.7	94	62	Calm	W 2	7	7	------
23	58.35	56.78	27.8	32	74	60	W 2	W 2	6	7	------
24	58.09	57.28	24.8	30	88	71	ENE 1	SW 2	4	7	1
25	58.91	57.27	25.5	36	96	42	ENE 1	SW 2	7	6	4.1
26	59.10	57.58	24.2	36.3	97	39	ENE 1	S 2	4	5	------
27	58.59	57.25	25.2	34	92	55	ENE 1	SW 2	5	7	------
28	59.11	57.96	25.3	34.6	93	49	Calm	W 2	6	7	------
29	59.36	58.11	25.8	34.7	92	50	Calm	SW 2	5	5	------
30	58.45	56.50	25.7	34.6	89	50	Calm	SW 2	5	6	------
31	57.55	55.62	25.8	34.8	88	50	Calm	W 2	3	3	------
Mean	58.41	56.81	25.7	34	87.9	51.8	0.6	2.1	5.5	6.4	------
Total	------	------	------	------	------	------	------	------	------	------	21.3

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.76	56.88	25.5	33.2	94	60	Calm	SW 2	4	6	------
2	59.24	57.37	27.5	36	78	40	Calm	SSE 3	6	7	------
3	59.95	57.24	25.2	36.8	85	38	NE 1	E 2	4	6	------
4	59.05	56.73	25.8	32.4	81	55	NE 1	SSE 3	5	7	------
5	58.09	57.33	26.3	30.8	90	71	ENE 1	WNW 1	4	7	3.6
6	58.98	57.16	25.4	34.7	92	48	Calm	SSE 3	6	6	------
7	59.15	57.28	26	32.8	87	54	ENE 1	SE 3	5	7	2.3
8	58.65	55.76	25.2	28.8	92	72	Calm	E 2	4	7	------
9	57.28	55.55	25.4	34.8	88	42	NE 1	SE 2	5	6	------
10	57.28	55.26	25.8	33.3	85	53	NE 1	SW 2	5	5	.5
11	57.56	55.62	25.7	34.8	84	44	NE 1	SW 2	5	6	------
12	57.69	56.06	26.3	31.6	85	57	ENE 1	SE 2	7	9	14.7
13	58.02	56.47	25.2	34.3	95	54	NE 1	SSW 2	6	6	.5
14	58.06	56.05	25.1	35.3	89	48	NE 1	E 2	7	5	------
15	57.99	57.05	27.3	32.6	85	59	E 1	SSE 3	6	7	------
16	58.33	57.96	26.8	32.4	87	58	ENE 1	SSE 3	5	7	2.8
17	58.49	57.26	26.6	35.8	89	48	Calm	SSE 2	4	7	------
18	58.10	55.94	26	34.8	87	48	ENE 1	SSE 3	1	4	------
19	57.59	56.17	26.4	34.2	89	47	ENE 1	SSE 3	6	6	------
20	57.28	56.53	26.5	30.5	86	71	NE 1	S 2	5	9	1.5
21	57.36	56.41	25.8	32.7	88	59	ENE 1	SW 1	5	7	2
22	58.18	56.17	24	35.4	90	45	NE 1	SSE 2	3	7	------
23	57.55	55.96	25.3	33	89	55	Calm	WSW 2	4	7	------
24	57.93	55.63	26.2	32.4	85	54	NE 1	SE 3	6	7	------
25	58.02	55.56	25	34.6	90	52	NE 1	S 3	4	6	3
26	57.84	56.44	26.3	28.8	93	82	Calm	SSW 1	10	9	20.3
27	57.30	56.95	25.4	26.2	97	84	ENE 1	SW 2	5	10	3.1
28	57.98	57.48	24.4	31	93	68	NE 1	W 2	3	7	------
29	58.17	57.60	24	30.4	93	65	Calm	W 3	4	7	------
30	58.36	57.05	24.8	33.9	92	54	Calm	SW 2	6	5	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	58.11	56.56	25.7	32.9	88.6	56.2	0.7	2.3	5	6.7	------
Total	------	------	------	------	------	------	------	------	------	------	54.3

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.48	56.92	26.7	33	86	55	Calm	SW 1	4	6	------
2	57.15	55.80	25.3	33.8	91	55	ENE 1	SW 2	6	6	------
3	56.59	55.25	25.3	35	88	46	Calm	W 2	5	6	------
4	57.55	55.81	26.2	34.6	87	47	NE 1	SW 2	3	4	------
5	58.58	57.17	25.8	33.5	92	55	Calm	WSW 2	3	3	------
6	58.79	56.97	25.8	32.6	92	63	Calm	WSW 2	1	7	0.3
7	59.50	57.20	25.8	33.4	85	58	SW 1	S 2	9	6	1.8
8	59.81	57.86	25.7	33.8	94	56	NE 1	E 1	7	6	1
9	60.16	58.45	26.3	34.9	88	52	NE 1	NE 2	5	7	------
10	60.03	58.58	25.9	34.5	89	49	NE 1	NE 2	4	9	------
11	59.40	58.10	26.3	32.1	88	64	NE 1	SE 2	7	7	2
12	58.47	57.33	25.8	34.5	93	50	NE 1	SSE 2	5	6	16
13	58.13	56.51	24.8	33.4	88	54	Calm	SSE 2	5	7	.5
14	57.24	56.43	25.2	32.7	90	53	Calm	SE 2	6	10	1.6
15	57.25	56.79	26.4	30.5	89	62	NE 1	ENE 2	6	7	16.2
16	58.20	57.48	24	33.1	95	59	Calm	ESE 2	7	7	------
17	58	57	25.1	30	91	66	Calm	ENE 1	5	7	------
18	57.48	56	24.5	27.7	91	82	Calm	Calm	6	7	.6
19	56.72	54.99	24.3	32.8	92	61	NE 1	SSW 2	4	7	8.6
20	56.55	55.24	24.4	32.6	97	62	Calm	SSW 2	3	5	------
21	57.12?	56.89	25.2	31	93	69	Calm	SW 2	6	7	1.5
22	58.54	57.61	25.5	32.3	96	61	NW 1	WNW 2	7	7	.5
23	58.58	57.07	26.4	30.4	92	76	Calm	WSW 2	7	7	14.7
24	56.29	55.60	25.8	30.7	90	69	WNW 1	W 2	10	6	.5
25	56.01	54.97	26	27.4	89	83	SW 1	NW 2	10	10	7.2
26	55.77	54.38	25.2	29.8	97	73	SW 1	SW 3	10	9	12.7
27	54.19	53.08	25.2	30.3	95	70	Calm	SW 3	7	7	30.2
28	53.07	52.84	26.4	25.8	89	88	WSW 2	WSW 1	10	10	52.8
29	52.06	52.01?	25.7	27.2	94	83	WSW 2	W 2	10	10	20
30	51.77	51.90	24.8	27.1	97	85	Calm	SW 2	10	10	52.8
31	53.33	53.31	24.4	27.5	97	87	E 1	W 1	10	10	4.1
Mean	57.12	55.99	25.5	31.5	91.5	64.3	0.6	1.8	6.4	7.2	------
Total	------	------	------	------	------	------	------	------	------	------	245.6

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.28	54.59	24.2	32.4	93	60	E 1	WSW 1	7	3	------
2	56.58	55.22	24.6	32.8	90	62	ENE 1	SSW 3	4	5	------
3	57.17	55.64	25.2	32.3	92	63	Calm	SW 3	5	7	------
4	56.35	55.39	25.3	32.3	93	64	Calm	W 2	5	4	------
5	56.87	55.73	25.2	30.8	95	73	NW 1	SW 2	7	7	1
6	57.81	56.49	24.2	30.4	95	74	SW 1	WSW 2	9	7	1.5
7	58.40	56.84	25.3	31.6	91	66	NW 2	W 2	9	6	------
8	56.87	55.70	25.5	31.5	91	66	Calm	W 2	4	7	------
9	55.70	55.68	25.2	28.4	90	82	W 1	W 4	5	9	------
10	56.21	56.90	27.3	28.3	85	78	W 1	W 3	4	9	------
11	57.62	57.39	25.9	28.6	86	71	Calm	NNE 2	7	9	20.3
12	58.11	56.98	23.4	26.9	97	80	E 1	SW 2	9	10	11.1
13	56.97	56.57	24.8	26.5	97	82	NNE 2	SW 2	10	9	4.3
14	56.86	56.82	25.6	26.5	93	86	Calm	W 2	7	9	------
15	57.27	57.10	24.5	31.2	96	67	ENE 1	W 2	7	7	------
16	58.57	57.13	24.6	31	92	65	Calm	WNW 2	4	7	------
17	57.30	56.18	26.3	29	93	78	Calm	SW 1	7	7	.3
18	56.17	54.65	25.3	31.8	93	66	ENE 1	SW 2	10	6	21.3
19	56	54.87	25	29.4	97	72	Calm	ENE 1	9	7	22.1
20	56.04	54.85	24.2	30	97	74	Calm	WSW 2	10	7	2.3
21	55.52	56.15	25.8	28.4	88	77	SW 1	WSW 2	6	7	6.1
22	56.77	56.50	26.9	30.4	80	72	W 2	W 2	7	7	------
23	55.90	55.95	25.3	30.3	94	75	Calm	SW 2	5	7	7.6
24	56.22	57.03	26.3	25.1	91	94	Calm	W 2	7	10	15.3
25	57	56.63	25.4	30.8	88	67	SW 1	WSW 2	7	6	------
26	58.58	57.42	25.2	30.4	93	69	NW 1	SW 1	7	6	------
27	59.36	58.93	23.3	30	96	73	E 1	S 2	4	7	------
28	59.39	58.42	25.2	31	95	68	ENE 1	SW 2	6	6	------
29	59.15	58.18	22.9	32	96	65	ENE 1	SW 2	1	4	------
30	59.18	57.24	24.8	31.8	95	67	ENE 1	S 2	5	6	------
31	58.02	56.88	25.1	29.6	96	74	Calm	NNE 1	5	7	.3
Mean	57.20	56.45	25.1	30	92.5	71.9	0.7	2	6.4	6.9	------
Total	------	------	------	------	------	------	------	------	------	------	113.5

BATANGAS.

[$\phi = 13° 45'$ N; $\lambda = 121° 03'$ E; barometer above sea, 8 meters; gravity correction not applied, —1.75 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.45	56.55	25.3	28.9	93	74	Calm	WNW 1	7	7	------
2	57.51	56.12	24.9	30.4	94	69	Calm	WNW 2	7	7	0.5
3	57.13	56.04	25.2	29.9	92	75	WNW 1	W 2	5	7	13.9
4	56.40	55.40	24.9	30.3	94	76	WSW 1	W 2	9	6	.5
5	55.67	54.63	26.3	30.5	85	68	WSW 1	WNW 2	4	5	------
6	55.26	54.05	25.3	29.8	91	71	Calm	WNW 3	5	7	6.6
7	54.41	53.74	25.8	29.8	88	71	SW 1	SW 2	7	7	3.3
8	54.43	53.06	25.2	26.6	95	87	SW 2	WNW 2	10	10	19
9	54.51	54.48	24.9	25.3	96	94	SW 1	SW 2	10	10	65
10	55.85	55.81	24.8	26	97	90	WNW 1	NW 2	10	10	21.8
11	55.09	55.40	24.3	28.7	96	83	Calm	SW 2	6	7	2
12	56.11	55.11	24.5	31.3	96	66	ENE 1	WNW 2	6	4	------
13	57.01	56.02	25	29.7	93	79	Calm	S 2	9	6	41.4
14	57.86	56.75	24.7	28.7	96	73	ENE 1	N 1	9	7	7.4
15	57.92	56.42	23.4	31	97	68	NE 1	ENE 1	5	6	4.6
16	59.45	57.45	24.3	32	94	63	ENE 1	ESE 1	4	5	3
17	59.18	57.80	25.3	32	94	64	ENE 1	SSE 1	5	6	------
18	59.07	58.43	24.8	28.8	93	79	NE 1	NE 1	7	9	3
19	58.01	56.69	24	32.2	97	65	ENE 1	ENE 1	9	7	------
20	58.75	56.26	24.5	33.8	96	57	ENE 1	SSE 1	6	6	------
21	58.91	57.55	25	29.3	92	79	ENE 1	ENE 1	6	7	11.4
22	58.81	56.83	24	30	97	74	NE 1	SW 1	4	5	2
23	58.45	56.99	23.8	31.5	95	69	ENE 1	SW 2	3	7	3
24	58.18	56.80	24	32	97	67	NE 1	S 1	3	7	.3
25	58.62	57.13	24.6	32.3	95	64	ENE 1	SSW 1	5	7	2
26	59.06	57.35	24.3	31.8	94	65	ENE 1	SW 1	3	6	28.2
27	59.02	57.44	24	31.4	97	70	ENE 1	SW 1	5	7	3.8
28	59.29	57.35	24.1	29.8	96	73	ENE 1	SSW 1	7	9	2.3
29	59.08	56.73	23.4	33.4	97	59	ENE 1	ESE 1	5	6	------
30	59.28	58.19	24.1	32.8	94	63	Calm	SE 1	4	7	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	57.53	56.29	24.6	30.3	94.4	71.8	0.8	1.5	6.2	6.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	245

OCTOBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.21	57.53	24	32.1	95	66	ENE 1	S 1	4	7	2.3
2	58.43	56.20	24.3	26.5	94	90	Calm	SSE 1	7	9	12.2
3	56.81	55.01	24.9	25.3	96	91	NE 1	Calm	9	10	67.8
4	56.34	54.33	23.6	30.5	97	74	NE 1	SW 1	7	7	------
5	66.57	54.83	24	30	95	78	NE 1	SE 1	5	7	1
6	55.64	54.05	23.4	29.5	97	76	NE 1	NE 1	5	7	------
7	55.07	53.30	23	31.8	93	67	NE 1	SW 1	5	4	12.2
8	55.49	53.88	25.3	30	94	75	NE 1	NE 1	7	7	9.4
9	56.26	54.60	24.4	28	97	85	SSE 1	NE 1	10	10	12.9
10	57.05	56.64	24.8	30.5	95	72	NE 1	E 1	5	6	.5
11	59.81	58.38	24.6	31	95	72	NE 1	SSW 1	6	3	6.1
12	60.16	58.35	24.7	27.1	96	88	ENE 1	NE 1	5	9	4.4
13	58.18	56.69	23.3	24.7	96	94	ENE 1	ENE 1	4	10	31.3
14	57.32	55.87	23.8	26.6	97	89	E 1	E 1	10	10	34.1
15	57.34	56.61	24.2	27.2	97	86	ENE 1	SW 1	10	10	7.6
16	58.34	57.31	24.4	25.3	97	93	Calm	N 1	5	10	36.3
17	58.92	56.55	23.9	30.3	96	76	ENE 1	SW 1	5	7	2
18	58.41	56.48	23.7	29	96	83	Calm	N 1	4	7	33.3
19	58.04	56.70	23.3	31.4	96	66	NE 1	SE 1	4	7	1.3
20	59.22	56.69	22.8	32.8	95	61	Calm	ESE 1	3	5	------
21	58.52	56.63	25.2	30.8	90	73	NE 1	SSW 1	5	7	.5
22	57.92	55.42	24	29.8	95	71	Calm	N 1	7	9	30
23	54.54	50.65	24.8	25	95	93	N[illegible]W 1	WNW 2	10	10	167.9
24	46.14	47.24	24.8	26.8	93	90	SSE 4	NE 1	10	10	38.9
25	52.16	52.11	24.3	25.3	92	91	NE 1	SSW 1	10	10	24.9
26	55.51	54.33	23.4	32.3	97	63	NE 1	SW 2	10	5	------
27	57.17	55.94	23.4	28.5	97	80	NE 1	W 3	3	7	1.5
28	55.75	53.55	27.4	28.3	87	80	W 3	W 3	9	10	21.4
29	53.56	52.52	27	28.6	84	73	W 4	WSW 3	10	10	2.3
30	54.61	54.42	27	29	83	78	WSW 3	W 2	10	9	1.8
31	56.26	56.45	24.9	25.8	92	93	NE 1	Calm	9	10	6.8
Mean	56.64	55.14	24.4	28.7	94.2	79.6	1.2	1.2	6.9	8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	570.7

NOVEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.93	56.79	23.9	30.8	96	72	NE 1	SE 1	5	6	1.5
2	58.90	56.85	25.3	30.5	93	75	ENE 1	SW 1	5	7	4.6
3	56.41	50.39	23.8	25.8	93	85	Calm	W 4	9	10	71.6
4	56.99	56.04	24.4	30.3	88	75	Calm	SE 2	10	6	2
5	59.70	57.80	24.6	32.3	95	64	ENE 1	SW 2	5	6	------
6	59.15	57.01	24.8	29	93	75	NE 1	SW 1	7	9	------
7	58.36	56.47	22.8	33.1	93	55	NE 1	SE 2	2	6	------
8	58.94	57.26	23	30.5	93	71	NNE 1	SW 1	4	6	12.4
9	59.29	56.85	24.8	30.5	92	72	NE 1	SW 2	7	6	.5
10	57.66	54.32	23.9	24.8	92	93	Calm	WNW 2	9	10	116.2
11	56.39	55.91	24.1	29.7	96	73	ENE 1	SE 1	9	7	.5
12	58.21	57.23	25.4	31.3	92	66	ENE 1	ENE 2	7	7	1
13	59.81	57.99	23.9	32.8	96	57	ENE 1	ENE 2	6	4	------
14	60.64	58.43	23.4	32.5	97	59	ENE 1	ESE 2	3	4	------
15	61.12	58.03	23.2	31.8	93	61	NE 1	E 2	3	4	------
16	60.03	57.65	24.3	30.8	89	65	ENE 1	W 2	5	6	3
17	59.03	57.89	23.8	27.4	93	76	NE 1	NE 1	5	9	.8
18	60.26	59.18	20.9	30.8	94	54	NE 1	SE 2	5	5	------
19	61.20	59.33	24	31.5	95	57	NE 1	E 2	9	4	1.8
20	60.79	58.93	24.3	30	89	70	ENE 1	ENE 2	6	6	5.9
21	60.42	58.57	23	27.2	95	83	Calm	NE 1	6	7	13.7
22	58.64	56.88	23.9	30.3	92	67	NE 1	NE 1	6	6	8.6
23	58.95	56.34	23.4	30	93	65	NE 1	NE 1	6	7	.3
24	57.63	56.40	24	27	93	89	NE 1	S 2	6	9	17.5
25	57.19	54.99	24.4	28.5	97	83	NNW 1	W 2	6	7	.3
26	55.99	55.68	24.3	30.8	94	69	NE 1	ENE 2	6	7	.3
27	57.17	55.33	24.3	30.5	94	70	NE 1	NW 2	6	7	------
28	57.59	56.13	23.8	30.8	93	67	NE 1	ESE 2	3	6	------
29	58.28	57.19	24.3	26.5	89	80	NNE 1	SE 1	3	7	8.6
30	59.42	57.80	23.3	29.6	96	71	NE 1	NE 1	6	7	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.77	56.86	23.9	29.9	93.3	70.6	0.9	1.7	5.8	6.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	271.1

DECEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.44	57.63	24	29.5	93	68	NE 1	E 2	7	7	10.2
2	60.22	58.51	23.4	26.5	97	83	NE 1	NE 3	10	9	2.1
3	59.19	58.32	23.8	24.7	90	89	NE 1	NE 1	10	10	1.3
4	59.41	56.83?	23.3	29.8	87	57	NNE 1	NE 1	6	6	------
5	58.46	56.99	23.3	28.6	92	75	NE 1	ENE 2	6	7	------
6	57.23	54.20	20	26.4	94	70	NE 1	W 2	4	9	38.7
7	49.07	42.83	24.2	24.5	97	96	WNW 7	WNW 7	10	10	233.6
8	51.61	53.34	24.9	25.1	84	84	SSE 2	SE 1	10	10	18
9	56.63	55.39	24.4	28.6	95	75	NE 1	SSE 2	3	7	------
10	57.78	56.35	23.8	30.5	97	70	NE 1	SW 2	5	6	------
11	57.42	56.05	23.7	29.8	91	74	NE 1	SW 2	6	6	16.3
12	57.32	55.85	24	29.2	97	79	NE 1	SW 2	6	5	4.1
13	57.32	55.37	23.8	30.3	93	70	N 1	SW 1	3	5	------
14	57.31	55.41	24.5	30.3	96	72	NE 1	SW 2	6	6	------
15	58.29	56.75	23.9	28.6	96	80	N 1	NW 1	5	9	------
16	58.59	57.23	23.8	30.3	95	72	ENE 1	SW 2	4	6	------
17	59.44	57.15	22.6	30.1	95	69	ENE 1	SW 1	5	6	6.9
18	59.56	58.67	24.2	27.8	95	74	NE 1	NE 2	7	9	.8
19	60.02	58.97	23.4	27.3	88	70	NE 2	NE 2	6	7	------
20	60.42	59.50	24.2	27.8	88	71	NE 2	E 2	7	6	------
21	61.18	59.59	22	28.8	93	72	NE 1	E 1	6	9	------
22	60.39	59	23.4	26.8	91	81	N 1	NE 2	9	7	1.5
23	60.04	59.26	23.3	26.8	89	74	ENE 2	NE 2	7	7	------
24	60.57	59.11	23.8	27.8	88	71	NE 2	NE 2	5	7	------
25	59.89	58.40	22.8	27.3	95	87	NE 1	NE 1	5	9	2.8
26	60.19	58.53	24.6	27	88	87	SE 1	E 1	9	9	1
27	59.29	56.47	24.3	27.3	92	90	SE 1	SSE 1	6	9	1.6
28	57.54	55.83	24	31.4	95	68	NE 1	SSW 1	9	6	------
29	58.29	55.54	24	31.8	93	61	NE 1	SE 2	4	5	------
30	58.74	57.15	23.4	32.8	95	60	ENE 1	SE 2	5	6	------
31	60.08	58.02	24	28.7	97	77	NE 1	WSW 2	5	6	6.1
Mean	58.42	56.72	23.6	28.5	92.8	75	1.4	1.8	6.3	7.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	345

SANTA CRUZ, LAGUNA.

[ϕ=14° 18′ N; λ=121° 25′ E; barometer above sea, 4 meters; gravity correction not applied, —1.73 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.29	59.87	20.2	27.6	93	68	ESE 1	NE 2	4	2	------
2	61.79	59.93	18.4	29.3	95	65	Calm	NE 3	6	2	5.8
3	61.87	60.52	21.7	28	97	72	Calm	NE 3	3	4	------
4	62.33	61.12	22.5	27.9	95	74	Calm	NE 3	3	4	1
5	61.71	60.47	23	28.5	90	78	Calm	ENE 3	7	9	4.6
6	62.04	59.58	23	30.5	95	65	Calm	ENE 3	3	4	------
7	60.81	58.43	22.9	31.5	94	63	E 1	ENE 2	3	2	1.3
8	59.22?	60.10	23.4	26.4	95	76	Calm	NE 2	10	10	.5
9	61	60.63	23.5	25.7	95	81	ENE 2	NE 4	9	10	.3
10	62.10	60.93	23.6	28.5	95	78	ENE 1	ENE 2	3	4	------
11	61.86	60.72	23	30.8	93	65	Calm	E 1	4	2	------
12	61.70	61.12	21.2	29.5	96	69	Calm	ENE 2	7	3	------
13	63.20	62.55	20.4	26	97	76	Calm	ENE 4	7	7	------
14	63.28	62.68	21.5	27.1	95	75	Calm	ENE 4	8	4	2.1
15	63.85	62.88	23.3	28	82	69	ENE 2	ENE 4	6	8	------
16	64.35	63.53	19.2	26.5	98	70	ENE 1	ENE 4	4	5	------
17	64.59	63.03	19.5	28	96	61	Calm	ENE 4	3	3	------
18	64.05	63.03	21.1	28.5	95	64	ESE 1	ENE 4	2	3	------
19	62.84	61.09	20	30	98	65	Calm	ENE 4	2	3	------
20	61.69	59.59	19.5	29	99	58	Calm	ENE 4	1	3	------
21	61.71	60.09	19.6	30	96	65	Calm	ENE 3	2	3	------
22	62.30	60.74	20.5	30	96	65	Calm	ENE 2	2	4	------
23	62.06	60.93	20.6	27.6	96	67	Calm	ENE 3	5	10	------
24	61.88	60.43	23	28	92	69	ENE 1	ENE 3	4	5	------
25	62.84	61.09	21.9	28.7	97	66	Calm	ENE 2	4	6	------
26	61.99	60.83	22.2	30.1	98	59	Calm	ENE 1	5	3	------
27	61.30	60.04	22.7	30.5	93	59	Calm	ENE 1	2	2	------
28	61.15	59.81	21	29.5	95	65	Calm	ENE 1	1	2	------
29	61.54	60.78	24	30.5	83	60	ENE 1	ENE 3	3	4	2.3
30	61.50	61.23	23.1	26	98	80	ENE 1	ENE 3	9	10	------
31	61.95	60.74	22.8	29.4	90	63	ENE 1	NE 2	4	3	------
Mean	62.12	60.92	21.7	28.6	94.4	68.1	0.4	2.8	4.4	4.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	17.9

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	62.14	60.62	21.9	29.5	94	61	NE 1	SSE 1	5	5	------
2	61.33	59.64	21	31.6	96	49	SSE 1	SSE 2	4	4	------
3	60.06	58.85	20.2	31.3	96	48	Calm	ESE 2	2	3	------
4	60.58	58.86	16.5	30.6	93	48	Calm	WNW 1	0	1	------
5	61.85	59.84	18.9	30.5	98	54	Calm	ESE 3	1	3	------
6	61.26	59.43	19.1	29.7	97	61	SSE 1	NE 3	0	4	------
7	60.42	59.68	20.4	31	95	53	NNE 1	SE 3	2	3	------
8	61.12	60.13	21.7	31.5	96	52	NE 1	SSE 1	2	4	------
9	61.54	60.67	20.2	31.5	96	53	Calm	SSW 2	3	4	------
10	60.79	59.06	23.5	31.4	91	56	NE 1	ESE 2	7	4	------
11	59.65	58.60	24.7	31.7	86	55	ESE 1	SE 3	6	4	------
12	60.11	59.07	24.4	31.5	89	54	Calm	SE 3	6	4	------
13	60.33	59.77	23.6	30.8	90	50	SE 1	SE 3	4	4	------
14	60.79	60.78	22.5	29.6	89	49	Calm	WNW 3	1	3	------
15	62.96	61.78	19.7	31	97	52	Calm	NW 3	2	5	------
16	62.77	61.13	20.8	29.9	90	43	ESE 1	SSE 2	1	4	------
17	61.91	60.44	18.8	30	94	48	Calm	NE 2	2	4	------
18	61.41	60.69	21.1	30.4	95	46	ESE 1	ESE 2	8	4	------
19	62.57	60.84	18.5	30.3	96	46	SE 1	NNW 2	0	3	------
20	61.29	60.19	22.1	30.5	91	51	Calm	NW 2	9	4	------
21	61.90	60.59	22.2	29.7	92	55	ESE 1	SE 3	9	4	------
22	61.98	60.51	22.9	30.6	90	52	SSE 1	SSW 3	8	4	------
23	62.18	60.53	22.8	31.8	93	44	SW 1	SE 2	8	4	0.8
24	62.11	60.89	22.2	31	93	48	ESE 1	WSW 2	2	4	------
25	62.31	60.73	21	29.8	95	56	Calm	ENE 3	5	7	1
26	62.14	60.61	21.2	31.6	93	50	SSE 1	NNW 2	1	3	------
27	61.31	60.12	23.5	31.3	85	53	ESE 1	NE 2	7	4	------
28	62	60.57	22.1	30.6	92	48	SE 1	SW 3	7	3	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	61.46	60.16	21.3	30.7	92.9	51.2	0.6	2.3	4	3.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	1.8

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.79	61.63	22.8	24.5	88	85	WSW 1	NNE 3	9	9	1.8
2	62.54	61.52	21.5	31	98	51	SSE 1	SSE 3	8	8	1.1
3	62.53	61.20	23.3	31.8	88	48	NNW 1	ENE 2	9	4	------
4	62.85	61.85	24.3	32	89	48	WNW 1	ESE 2	6	4	------
5	63.22	61.92	22.7	31.4	97	46	SE 1	NNW 2	5	3	------
6	62.50	60.88	23	31.3	98	48	SE 1	NE 2	7	3	------
7	61.86	60.47	21.6	32.2	94	48	SE 1	ESE 2	2	4	------
8	62.70	61.30	21.1	32	97	51	E 1	NE 2	3	4	------
9	63.38	61.81	23.9	31.1	86	49	NE 2	E 4	4	7	------
10	63.34	61.29	22	32.1	93	47	SE 1	SE 2	3	4	------
11	63.12	61.08	22	31.7	95	48	SE 1	NNE 2	5	7	------
12	60.95	58.55	23.6	33.2	88	41	NE 1	SSE 2	3	5	------
13	61.22	59.27	19.7	33.1	93	40	SSE 1	NW 2	3	7	------
14	61.89	60.17	18.8	32.6	95	47	SE 1	NE 2	6	5	13.7
15	62.74	61.82	23.2	28.2	90	65	NE 2	NE 4	9	9	------
16	62.25	61.53?	24.8	27.3	80	72	NE 2	NE 2	9	9	------
17	62.19	59.53	22.2	32.3	95	45	SSE 1	N 2	3	4	------
18	62.37	62	23.9	27.5	89	69	SE 1	NE 3	9	9	2.5
19	63.35	61.87	23.8	30.8	82	54	E 2	NE 2	9	6	------
20	62.89	61.45	24	28.4	87	66	E 1	NE 2	10	10	.5
21	61.89	60.30	22.8	29.8	96	62	NE 1	N 2	9	8	------
22	60.57	59.88	23.8	30.6	93	57	NE 1	SSE 2	9	8	.8
23	61.61	60.82	24	31.2	83	48	SE 1	NE 3	5	4	------
24	63.15	61.05	21.6	32.1	96	50	E 1	SE 3	8	5	------
25	62.38	59.90	22.2	33.1	96	49	SE 1	E 3	3	3	------
26	61.36	60.25	24.5	30.7	89	61	NE 2	NE 3	9	7	.6
27	61.10	60.99	24	25.8	89	83	NE 1	NE 2	9	9	1.6
28	62.09	60.81	23.8	30.2	86	60	ENE 1	ENE 5	8	4	4.6
29	62.50	61.17	23.5	31.6	88	52	SE 1	ESE 2	6	4	------
30	62.19	60.88	23.8	31.2	91	60	SE 1	NE 3	5	6	------
31	61.35	60.01	23.7	33	90	51	SE 1	ENE 2	7	6	------
Mean	62.28	60.88	22.9	30.8	90.9	54.9	1.2	2.5	6.5	6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	27.2

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.09	58.45	24	31.7	93	63	SE 1	ENE 1	6	7	------
2	60.60	58.55	23.2	32.9	90	55	S 1	NW 1	2	6	------
3	60.64	58.96	24.3	35.3	91	46	SE 1	SSE 2	4	5	------
4	61.20	58.79	23.3	34.6	97	48	E 1	N 2	7	5	------
5	61.67	59.53	22.6	34.7	97	47	S 1	N 2	3	5	------
6	62.50	60.12	23.7	34.1	93	46	SE 1	NE 3	2	3	------
7	62.33	60.38	20.7	33.8	96	47	SE 1	NE 2	5	4	------
8	62.03	60.78	24.3	32.7	89	50	S 1	NE 4	3	4	------
9	62.16	61.23	24.6	32.3	93	50	E 1	ENE 4	5	4	------
10	62.28	60.39	24.2	32.3	94	52	E 1	E 4	4	4	------
11	61.33	59.13	24.2	33.4	88	48	E 2	ENE 3	3	3	------
12	61.31	60.49	23.3	32.7	94	54	ESE 1	E 5	3	6	------
13	61.84	61.12	26	32.9	86	55	SE 1	E 4	4	5	------
14	61.81	61.02	24	33	87	47	ESE 1	E 8	3	4	------
15	60.69	59.23	23.3	33.7	96	42	E 1	NNE 3	4	5	------
16	60.35	58.78	23.6	33	94	49	SE 1	NE 3	4	7	------
17	59.39	57.58	24.1	33.8	89	41	SE 1	NE 4	8	5	------
18	59.15	57.93	23.4	34.1	93	44	E 1	NE 2	4	7	------
19	60.26	59.37	24.3	32	91	53	SE 1	NNE 3	6	7	------
20	61.45	60	24.1	32.2	94	53	E 1	E 4	7	7	------
21	61.60	60.04	24.5	31.3	92	60	E 1	NE 5	8	4	2.8
22	61.35	60.33	24.1	28.7	97	70	SE 1	SE 3	9	9	19.8
23	61.05	60.78	24.4	31.6	90	52	E 1	NE 4	4	5	------
24	61.85	60.48	23.7	30.5	87	63	SE 1	E 4	4	7	1.3
25	61.25	59.58	23.3	31.3	91	55	ESE 1	E 5	3	5	2
26	60.49	59.09	24	30.2	97	63	N 1	E 3	9	6	------
27	59.61	58.60	24.9	31.6	90	57	E 2	NE 3	7	6	.3
28	59.96	58.87	23	32.1	96	57	SSE 1	E 3	7	7	------
29	60.06	57.91	23	32.1	97	62	SE 1	NE 3	5	5	------
30	59.32	57.83	24.2	33.3	96	52	SE 1	NE 2	4	3	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	61.02	59.51	23.8	32.6	92.6	52.7	1.1	3.1	4.9	5.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	26.2

Note: Beginning with the morning of March 20, the height of the barometer above sea level was 3.8 meters.

SANTA CRUZ, LAGUNA.

[ϕ=14° 18′ N; λ=121° 25′ E; barometer above sea, 3.8 meters; gravity correction not applied, —1.73 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.08	56.74	23.1	35.2	95	46	NE 1	N 2	4	6	------	57.83	56.86	24	33.6	94	52	SSE 1	NW 1	7	7	------
2	59.03	56.21	23.5	35.5	96	46	SSE 1	NW 2	8	6	------	59.67	58.12	25.3	34.2	95	49	SE 1	E 2	6	4	------
3	58.33	56.61	24	31.3	93	65	SSE 1	SE 2	6	9	------	60.40	58.18	24.3	33	96	54	SE 1	E 3	3	7	------
4	58.23	55.78	23.9	33.7	94	56	SE 1	SE 2	9	8	20.1	59.92	57.31	24.3	33.5	96	52	SSE 1	E 3	7	7	------
5	58.41	56.77	24.4	29.8	97	74	SE 1	S 2	4	8	------	58.35	57.21	25.3	31.5	94	65	SSE 1	NE 2	7	9	------
6	58.39	57.68	25.3	32.8	91	54	SE 1	N 3	4	5	------	58.98	57.87	25.2	33.2	92	47	E 1	E 3	7	6	8.1
7	58.26	57.09	24.4	31.6	92	54	SE 1	NNE 3	5	7	.3	59.78	57.98	25.4	31.3	94	65	E 1	E 3	9	7	------
8	58.61	57.74	24.2	30.7	97	57	ESE 1	NNE 3	6	9	.3	58.60	56.53	25.1	31.6	88	63	ESE 1	ENE 2	6	5	2.8
9	58.40	57.43	24.8	32.8	93	53	NE 1	E 3	9	8	------	57.24	56.22	24	32.8	94	56	SE 1	E 3	6	7	------
10	58.27	56.41	24.7	34.1	92	53	SE 1	E 1	7	7	------	57.25	56.26	24.2	32.3	96	59	SE 1	E 3	7	7	------
11	58.52	56.51	23.8	33.5	97	57	SE 1	N 1	5	9	------	57.80	56.24	24.8	32.2	92	60	E 1	E 2	8	8	------
12	58.77	56.15	24.3	35.8	95	53	SE 1	NW 1	4	6	------	57.75	56.79	25	31.6	92	69	SE 1	E 2	9	9	------
13	58.50	56.52	24.5	34.2	95	55	E 1	NW 2	9	7	------	58.19	56.80	24.7	33.7	95	56	E 1	E 3	5	8	1.5
14	58.31	56.11	24.9	33.4	92	60	S 1	NW 2	9	8	------	58.49	56.86	25.2	32.7	92	60	SE 1	E 3	9	5	1.5
15	58.49	56.87	25.5	32.6	96	64	SW 1	WNW 4	9	7	------	57.81	57.29	26.1	31.5	91	66	E 2	ESE 2	6	8	1.6
16	58.21	56.43	25	31	96	65	SE 1	S 2	8	8	------	58.82	58.24	25.7	32.5	96	66	SSE 1	E 2	9	7	5.3
17	58.20	57.02	25.2	31	92	80	SE 1	SE 3	8	9	2	59.09	57.87	26.1	31.2	92	62	SE 2	E 4	6	6	------
18	59.51	58.18	25.2	28.7	94	79	SE 1	SE 1	9	9	.6	58.61	56.73	25.9	32.9	91	60	E 1	ENE 3	4	4	1
19	59.49	58.33	26	33.8	89	59	N 2	W 3	9	8	1	57.91	55.98	25.9	34.2	93	57	E 1	ENE 3	8	6	3
20	58.91	58.43	25.1	24.8	98	95	S 1	S 1	7	10	14.8	57.72	56.49	25.3	32.2	91	61	E 1	ENE 3	7	8	4.8
21	57.86	55.62	24.2	33.3	97	58	SE 1	NW 1	9	6	1.3	57.75	56.59	25.3	32.5	92	59	ENE 1	NE 2	8	7	.3
22	57.31	56.78	25.1	31.6	98	63	WNW 1	NW 2	9	8	26.2	58.62	56.44	25	32.5	96	58	ENE 1	ENE 2	5	6	.5
23	58.71	56.56	24.2	32.6	97	61	S 1	W 2	7	7	------	57.60	56.37	24.5	32.9	95	57	E 1	E 3	9	5	------
24	58.51	57.60	24.1	29.7	95	79	SE 1	W 1	6	9	4.1	57.96	56.34	25.4	32.4	91	64	E 1	ENE 2	9	8	------
25	59.36	57.34	24.2	32.9	97	64	SSE 1	N 2	7	6	2	58.16	56.31	24.8	34	96	53	SE 1	ENE 2	7	5	3.8
26	59.56	57.74	24.3	32.8	95	59	E 1	N 2	9	5	------	57.84	56.46	25.2	28.5	98	82	ESE 1	NE 1	10	9	33.5
27	58.67	57.26	24.3	33.5	91	58	ESE 1	NW 2	7	7	23.1	57.27	57.69	25.2	24.7	94	95	S 1	WSW 2	9	10	32
28	59.36	58.03	24.3	33	97	64	S 1	W 2	9	6	3	58.09	57.72	23.1	29	97	75	SE 1	WNW 3	7	9	21.3
29	59.25	57.36	24.2	33.5	93	57	S 1	NW 2	7	4	------	58.38	57.27	23.8	32.9	95	62	SSE 1	WNW 2	3	5	------
30	58.38	56.14	24.2	33.3	94	64	SE 1	NW 2	7	5	------	58.67	57.36	25.3	32.4	92	64	WSW 1	NW 2	7	6	------
31	57.32	55.73	24	32.9	94	55	S 1	NW 2	4	4	------	------	------	------	------	------	------	------	------	------	------	------
Mean	58.59	56.94	24.5	32.4	94.6	61.5	1	2	7.1	7.1	------	58.35	57.01	25	32.1	93.7	61.6	1.1	2.5	7	6.8	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	98.8	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	121

Day.	JULY.											AUGUST.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.75	57.32	25.3	30.7	96	72	SSE 1	W 2	9	9	0.8	55.59	55.03	23.8	30.7	97	71	NW 1	SW 2	5	8	------
2	57.46	55.86	25.1	32.8	97	59	E 1	WNW 2	10	8	------	57.14	55.04	23.6	32.4	97	60	SSE 1	WNW 2	5	5	------
3	56.77	55.48	23.8	33.8	96	59	SE 1	NW 2	7	6	------	57.42	55.39	23.9	32.5	97	59	SSW 1	WSW 3	8	6	------
4	58.03	56.82	26.2	33.9	89	61	S 1	NW 3	4	4	------	56.88	55.48	24.3	32	97	67	S 1	W 2	7	8	------
5	58.89	57.47	26	33.3	90	62	SSE 1	NNW 2	3	4	------	56.81	56.59	25.1	25.9	97	94	SSW 1	NNW 2	9	10	37.6
6	59.03	56.99	25.6	34.1	93	55	SSE 1	NW 1	7	5	------	58.01	56.63	23.5	30.2	98	72	S 1	W 2	10	8	5.1
7	59.34	57.64	24.5	33.2	95	55	SSE 1	ESE 2	5	5	25.9	58.23	57.20	24	29.5	97	78	SSW 1	NW 4	6	8	18.8
8	60.65	59.09	25	32.3	94	62	SE 1	ENE 2	5	7	------	57.16	55.75	24.8	31.2	96	69	SSW 1	SSW 3	7	8	2.3
9	60.59	59.23	24.6	31.7	97	62	SSE 1	ENE 2	5	7	7.6	55.71	55.42	24.2	31.9	98	65	WSW 1	WSW 4	4	6	------
10	60.49	59.53	24.9	29.3	94	76	SE 1	NE 3	7	8	4.4	56.71	57.14	25.3	27.4	93	83	SW 1	WSW 3	4	9	3.3
11	59.85	58.94	25.2	30.7	92	70	SE 1	NE 4	9	9	------	58.21	57.89	25.2	24.2	91	94	WSW 1	W 3	10	9	19.1
12	59.15	58.34	24.3	30.2	97	72	NE 1	E 3	8	9	.3	58.09	57.35	22.9	26.4	97	92	S 1	WNW 2	10	10	18.3
13	58.47	57.49	24.3	28.9	91	78	E 1	ENE 2	8	9	3.6	57.18	56.74	24.2	27	98	88	NNE 2	NW 1	9	10	11.4
14	58.30	57.20	23.9	29.4	97	74	SE 1	E 3	9	9	3.6	57.28	57.56	24	27.6	98	85	SW 1	WNW 3	7	9	12.2
15	57.96	57.97	24.9	28.3	91	74	NE 2	E 3	9	9	7.4	57.86	57.97	23.3	27.2	97	87	ESE 1	NW 3	6	8	------
16	58.93	58.24	23.8	28.2	95	88	SSE 1	N 2	9	9	6.4	59.08	56.88	23.4	31.5	98	67	SE 1	NW 2	7	4	------
17	58.36	58.01	24	27.4	97	83	SE 1	ENE 2	10	9	.8	57.98	56.29	24	29.1	97	72	NE 1	SE 1	8	8	8.1
18	58.06	55.70	23.4	31.6	98	64	SSE 1	NE 2	5	6	------	56.62	54.96	24.9	29.9	98	72	NE 1	NNW 1	10	8	.3
19	57.22	55.21	23.3	28.5	90	80	SE 1	S 1	6	7	------	56.31	54.82	24	27.4	97	91	SW 1	NW 1	7	9	2.6
20	56.89	55.11	24.3	33	95	57	SE 1	NNW 1	4	5	4.6	56.08	54.73	24	29.9	97	77	SE 1	NW 2	6	9	------
21	56.76	57.29	24.2	25.5	96	92	SE 1	WSW 1	7	9	.5	56.01	56.06	24.3	27	96	90	SSW 1	W 2	8	10	3.9
22	58.89	57.42	23.8	32.4	96	63	SE 1	NW 2	8	6	------	57.45	55.96	24.5	30	96	73	SSW 1	W 2	9	9	11.4
23	58.52	57.09	25.3	32	95	70	ESE 1	SW 2	9	7	1.8	56.10	56.17	24.6	27	97	90	SW 1	N 1	9	9	14.7
24	56.93	55	24.5	31.2	96	63	SW 1	WNW 2	9	6	------	56.46	56.40	25	27.2	97	88	WSW 1	SW 2	10	9	17.2
25	55.73	54.42	24.5	29.4	97	72	S 1	SW 2	8	8	------	57.43	56.30	24.2	31.8	94	65	W 1	W 2	9	7	4.6
26	55.49	54	25.1	28.2	92	82	SW 1	WNW 3	9	9	8.1	59.24	57.52	24.8	30.4	95	73	SSE 1	NW 2	5	7	16.3
27	54.28	53	24.2	29.2	97	75	SSW 1	WSW 2	9	9	12.5	59.71	58.63	23.1	31.2	97	66	SSE 1	W 1	7	8	------
28	52.73	52.52	25.1	26.3	88	92	W 2	SW 1	9	10	43.2	59.86	58.39	25.1	32.5	98	65	S 1	NW 2	9	5	------
29	52.18	50.50	24.7	30	97	73	SSW 1	WNW 2	10	9	.3	59.76	57.90	23.4	31.7	96	64	S 1	NW 2	2	4	------
30	51.38	51.74	24.4	27.7	98	88	SW 1	SW 2	10	9	28.2	59.45	57.43	24.4	30.9	94	65	SE 1	NW 1	6	7	1.8
31	53.72	54.16	24	27.1	98	90	SSW 1	SW 1	10	10	4	58.21	56.76	24.3	29.6	96	70	SSW 1	WNW 1	7	9	------
Mean	57.41	56.28	24.6	30.3	94.6	71.7	1.1	2.1	7.6	7.6	------	57.55	56.53	24.2	29.5	96.5	75.9	1	2.1	7.3	7.9	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	164	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	209

SANTA CRUZ, LAGUNA.

[φ=14° 18′ N; λ=121° 25′ E; barometer above sea, 3.8 meters; gravity correction not applied, —1.73 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.73	56.22	24	29.1	91	76	S 1	W 1	9	9	10.4
2	57.67	56.01	24.7	26.7	96	90	SW 1	SSE 1	7	9	3.1
3	57.27	55.53	25.2	29.3	92	78	S 1	SW 2	5	6	------
4	56.36	54.98	24	30.2	94	72	SSW 1	SW 2	7	6	.5
5	56.14	54.87	24.2	26.8	95	90	SSW 1	SSW 1	6	9	5.1
6	55.26	53.81	24.7	30	94	76	S 1	W 2	7	8	5.3
7	54.62	52.91	24.3	30.8	96	70	SW 1	SW 3	9	8	8.1
8	54.47	52.30	24.1	30.3	95	71	WSW 1	WSW 2	9	9	20.1
9	54.43	54.61	24.6	26.2	97	90	W 1	WSW 1	10	9	34.3
10	56.17	55.25	24.2	26.8	98	87	WNW 1	SW 2	10	9	3.5
11	55.63	55.60	23.8	27.2	98	84	E 1	W 2	8	9	6.1
12	56.03	55.20	24.1	31.4	97	71	SW 1	NW 2	9	5	16.3
13	57.53	55.76	24.5	30	97	71	SSE 1	N 2	9	9	46.7
14	58.01	57.17	23.2	27.2	98	84	N 2	NNE 1	10	8	25.4
15	58.03	56.99	24.5	30.2	92	70	SE 1	SE 2	7	7	5.1
16	59.75	58.12	24.5	31.6	94	64	SSE 1	ENE 3	6	7	.3
17	59.82	58.37	25	31.7	88	62	SE 1	ENE 3	8	6	2.3
18	59.15	59.22	24.5	25.9	97	88	SSE 1	NNE 2	9	10	3.3
19	58.62	56.60	24.5	29.7	98	75	NE 1	E 2	9	9	6.6
20	59.05	56.54	25	30.2	89	72	SE 1	NE 2	9	8	------
21	59.03	58.82	23.7	31.3	97	63	SSE 1	SE 2	7	8	------
22	59.15	57.25	24.5	32.5	96	58	SSE 1	ENE 2	7	5	.3
23	58.78	56.96	24.2	32.2	96	61	ESE 1	NNE 3	4	6	------
24	58.63	56.31	23.7	32.5	97	58	ESE 1	N 3	4	7	------
25	58.54	56.83	24.5	31.1	94	73	SE 1	NW 2	4	9	------
26	58.96	57.61	24	31.2	95	69	SSE 1	SW 2	3	7	------
27	59.02	57.43	24.2	31.3	97	71	SE 1	SSE 2	7	7	32.3
28	59.55	57.64	23.1	31.2	96	66	SE 1	SE 1	8	7	2.3
29	59.25	57.76	22.7	27.3	95	78	E 1	SE 1	4	7	3.8
30	59.66	59.06	24.1	28.5	94	76	SE 1	NE 3	5	9	1
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	57.74	56.39	24.2	29.7	95.1	73.8	1	2	7.2	7.7	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	242.2

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.26	58.28	24.5	29.6	91	72	SE 1	NE 2	6	7	------
2	59.10	56.34	24.5	30.5	97	68	E 1	NE 2	9	9	4.8
3	57.13	53.64	24.2	28.8	97	78	SSE 1	NE 3	9	9	7.4
4	56.51	54.58	24.1	30.7	97	69	SE 1	NE 2	9	8	.8
5	56.53	54.94	23.4	30.3	98	72	SE 1	E 2	8	9	7.1
6	55.88	54.18	23.3	30.9	97	64	SSW 1	E 2	7	6	------
7	55.42	53.77	22.6	32.3	98	62	SW 1	NE 3	8	4	------
8	55.47	54.34	25.7	29	88	81	E 1	SSW 1	7	8	4.3
9	56.32	55.76	24.3	26.6	97	84	NE 1	E 3	9	9	4.3
10	57.77	56.90	24.6	28.7	91	81	E 1	E 2	7	8	2.5
11	60.05	58.85	24.5	29.1	95	78	WSW 1	NNW 2	8	7	2.3
12	60.45	58.04	23.9	31	98	69	NNE 1	NNE 2	8	8	15
13	58.76	56.37	23.4	24.2	98	97	SSW 1	S 1	8	9	16.7
14	57.19	56.53	23.6	26.5	98	87	SE 1	NE 2	9	9	10.2
15	57.61	56.88	24.1	28.7	95	78	E 1	E 3	9	9	.3
16	58.34	56.86	24.1	31.1	97	71	NE 1	E 2	8	9	------
17	59.22	56.63	24.2	30.3	98	75	SSE 1	WSW 1	8	9	------
18	59.02	56.87	23.6	32.3	95	61	ESE 1	NE 3	4	5	------
19	58.34	56.88	23.4	31.7	98	65	S 1	E 3	5	6	.3
20	59.63	57.23	23.1	31.5	95	65	SE 1	NE 3	6	5	5.3
21	58.44	56.78	24.4	31.2	98	61	SW 1	E 3	7	6	3.1
22	57.73	55.71	23.8	28.8	95	77	SSE 1	WNW 2	9	9	27.4
23	54.59	50.20	24.1	24.6	95	92	NW 1	NW 4	10	10	143.6
24	46.29	48.02	25.8	27	83	82	ESE 4	SSE 3	10	9	3.4
25	51.49	53.16	26.5	24.6	76	92	SSE 2	SW 1	9	10	8.9
26	55.20	54.85	22.7	31.8	94	58	E 1	E 2	3	6	4.6
27	57.67	55.52	22.1	28.8	97	80	WNW 1	NW 2	7	9	------
28	55.76	53	25.5	29.4	96	76	W 1	NW 2	9	9	------
29	52.32	50.70	26.3	28.4	82	70	W 4	W 6	10	9	------
30	54.70	54.19	25.4	28.9	87	75	SW 1	SW 2	9	9	1.3
31	56.62	56.32	24.7	25.8	94	91	SW 1	NNE 1	9	9	30
Mean	56.77	55.24	24.2	29.1	94	75.2	1.2	2.3	7.9	8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	303.6

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.14	57.11	23.5	30.9	97	69	ESE 1	E 2	6	7	4.6
2	59.15	57.24	24.8	31	93	71	SE 1	NE 2	7	7	6.1
3	55.73	49.43	24.1	24.3	95	93	SW 1	NW 3	9	10	88.1
4	56.79	56.39	24.5	30.2	89	67	NW 1	SE 2	9	7	------
5	59.86	57.80	23.2	30.9	97	73	SSE 1	SSW 1	3	6	.8
6	59.25	57.41	24.4	28.1	90	78	NE 1	NE 2	9	9	2.8
7	59.25	57.51	22.5	29.1	97	71	E 1	ENE 2	3	6	.3
8	59.08	57.81	23.6	30.1	97	69	E 1	NE 3	3	7	8.7
9	59.86	57.08	24.2	30.9	98	62	E 1	NE 2	9	5	5.6
10	58.13	54.86	23.4	24.3	97	97	SE 1	NW 2	10	10	76.9
11	57.03	56.44	25.5	28	84	77	SSE 2	SSE 2	9	9	1.6
12	58.52	57.81	25.1	28.8	89	76	SE 1	SE 2	9	9	------
13	60.20	58.39	24.3	30.4	94	67	E 1	E 2	4	5	.8
14	61.05	58.90	24.4	29.6	94	69	E 1	NE 3	6	5	.8
15	61.32	59.08	23	28.6	97	75	SE 1	NE 3	3	6	1.8
16	60.20	58.06	24.3	29.9	94	69	E 1	NE 2	8	5	1.3
17	59.14	58.29	23.8	28.4	95	73	NE 1	ENE 4	7	6	3.3
18	60.51	59.86	22.1	29	96	60	S 1	ENE 3	4	5	.5
19	61.50	59.94	23.9	29.1	83	71	ENE 3	ENE 3	8	6	2.3
20	60.96	59.61	25.3	25.8?	83	88?	NE 4	NE 3	5	9	3
21	60.05	58.66	25	28.3	86	75	NE 2	NE 4	9	9	23.6
22	59.04	57.77	25.2	27.6	88	86	NE 2	NE 2	9	7	7.1
23	59.10	57.24	24.1	28.7	92	73	E 1	NE 2	8	5	1.1
24	58.09	56.45	24.2	28.1	97	79	E 1	NE 2	9	9	3
25	57.53	55.39	24	27.5	98	84	SSE 1	E 2	9	7	3.3
26	56.09	55.20	24.2	27.8	98	84	SE 1	NE 2	6	9	1.1
27	57.58	55.81	24.3	29.3	95	77	E 1	NE 1	9	7	------
28	57.97	57	24.4	27.5	95	87	SE 1	NE 1	6	8	3
29	58.61	57.47	24.8	28.3	92	79	SE 1	NE 2	6	9	4.9
30	59.69	58.65	24.2	27.1	96	78	NE 1	NE 3	8	9	2.8
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	59.01	57.29	24.1	23.6	93.2	75.9	1.3	2.3	7	7.3	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	259.2

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.74	58.68	25.4	25.6	86	84	NE 3	NE 3	9	9	36.3
2	60.59	59.52	23.6	23.9	97	91	N 1	E 2	10	10	75.9
3	59.78	59.14	25	24.3	81	89	ENE 3	NE 2	9	9	2.1
4	59.63	58.25	24.2	28.1	79	63	E 2	NE 3	5	7	1.8
5	58.69	57.18	23.3	27.1	86	67	SE 2	NE 3	7	9	------
6	57.22	54.59	20.3	24.8	99	87	S 1	SSW 1	6	10	88.9
7	48.42	38.64	22.5	23.3	99	97	NNW 3	E 8	10	10	96.7
8	52.71	53.33	25.6?	27.6	77?	73	SSE 2	SSE 1	9	9	5.1
9	56.97	55.66	22.7	30.8	97	67	WNW 1	W 1	4	6	------
10	58.36	57.20	23.8	27.6	97	81	ESE 1	NE 1	7	8	7.9
11	57.88	56.47	23.3	29.1	97	71	WSW 1	NE 1	9	8	6.1
12	57.64	55.68	24.2	29.6	97	72	SE 1	NW 1	9	7	7.2
13	57.48	55.30	23.2	29.2	98	73	S 1	NW 1	6	7	1
14	57.66	56.11	24.2	29.2	97	72	SE 1	NE 1	7	7	6.6
15	58.98	56.84	24.2	29.1	98	76	SSW 1	SE 2	9	8	1.3
16	59.24	58.14	23.8	29.2	96	72	SSE 1	NE 2	7	7	------
17	60.06	57.74	22.2	30.2	96	70	E 1	E 2	6	4	8.1
18	60.06	59.35	24.6	24.9	92	86	NE 2	NE 3	9	10	26
19	61.12	60.22	24.1	25	89	81	NE 2	NE 3	9	9	3.6
20	61.62	60.65	23.8	25.8	91	78	NE 1	NE 4	9	7	.5
21	61.75	60.50	24.2	26.3	82	79	NE 2	NE 3	6	9	------
22	61.03	60.05	24.5	25	82	88	NE 2	NE 2	8	9	------
23	61.32	60.17	23.8	25.1	79	80	ENE 3	ENE 3	7	9	.3
24	61.53	59.96	23.4	27	85	72	ENE 2	NE 3	9	8	------
25	60.75	59.10	24.4	26	90	84	ENE 1	NE 2	9	9	.5
26	60.49	58.77	24.8	26.7	79	77	NE 2	NE 3	9	9	.3
27	59.13	56.85	23.5	28.2	97	78	NE 1	NE 3	9	7	.8
28	57.77	55.86	24	30.3	98	68	S 1	NE 2	9	6	------
29	57.57	55.95	24.2	30.1	94	71	E 1	E 1	9	5	------
30	58.98	58.01	24.2	30.2	96	71	ESE 1	E 3	5	6	------
31	60.09	58.50	24	28	93	77	SE 1	ENE 2	9	9	.3
Mean	58.85	57.17	23.8	27.3	91.1	77.3	1.5	2.3	7.9	8	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	377.3

ANTIPOLO.

[ϕ=14° 36′ N; λ=121° 10′ E.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	-----	-----	19.3	30	93	54	Calm	WSW 1	3	4	
2	-----	-----	18.8	31	90	52	Calm	SSW 1	2	1	------
3	-----	-----	20.3	30.2	90	48	Calm	NE 2	3	2	------
4	-----	-----	21.3	28.3	83	61	NE 1	NE 3	4	9	------
5	-----	-----	22.2	29.6	89	62	Calm	NE 2	9	9	------
6	-----	-----	22	31.7	91	55	Calm	SE 2	8	7	------
7	-----	-----	23.3	30.3	92	59	Calm	WSW 1	10	6	------
8	-----	-----	22.9	27.9	92	75	Calm	WSW 2	9	9	------
9	-----	-----	21.3	28.6	93	59	Calm	NE 4	9	10	------
10	-----	-----	22.4	31.3	89	52	ENE 1	E 3	4	3	------
11	-----	-----	20.8	29.3	91	62	Calm	SW 1	2	6	------
12	-----	-----	21.8	29	89	60	Calm	SSW 1	10	7	------
13	-----	-----	21.7	26.8	85	80	Calm	NE 1	10	7	1
14	-----	-----	20	28.3	91	56	Calm	NE 4	3	8	------
15	-----	-----	20.9	28	90	54	Calm	NE 4	4	8	------
16	-----	-----	18.6	30.5	88	46	NE 1	E 3	8	8	------
17	-----	-----	18.5	30.8	93	45	Calm	NE 3	8	4	------
18	-----	-----	20.7	30.3	90	50	Calm	E 1	10	3	------
19	-----	-----	19.1	31.3	93	52	Calm	W 1	3	4	------
20	-----	-----	19.7	30.4	92	53	Calm	S 2	3	3	------
21	-----	-----	19.1	30.5	93	58	Calm	SSE 2	2	2	------
22	-----	-----	20.7	30	89	60	Calm	SSW 1	2	8	------
23	-----	-----	20.4	27.3	89	62	Calm	ENE 2	7	8	------
24	-----	-----	21	29.7	86	51	NNE 1	ENE 3	6	6	------
25	-----	-----	21.3	30.4	90	52	Calm	NE 3	9	3	------
26	-----	-----	21.7	30.5	87	47	Calm	ENE 4	3	2	------
27	-----	-----	21.4	29	87	63	Calm	E 2	3	8	------
28	-----	-----	20.4	28.7	92	68	Calm	Calm	8	6	------
29	-----	-----	21.8	29	87	64	Calm	NE 3	9	8	------
30	-----	-----	22	26.6	91	77	Calm	NE 2	9	9	------
31	-----	-----	21.1	30.2	88	52	NE 1	SSE 3	7	3	------
Mean	-----	-----	20.9	29.5	89.8	57.7	0.2	2.2	6	5.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	1

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	-----	-----	19.6	33	90	47	Calm	ESE 3	6	4	------
2	-----	-----	19.2	31.8	84	44	Calm	S 3	3	3	------
3	-----	-----	19.8	31.5	88	41	Calm	SE 3	1	1	------
4	-----	-----	18.4	32.3	84	37	E 1	SE 2	1	1	------
5	-----	-----	18.9	31.2	88	49	Calm	NW 2	2	3	------
6	-----	-----	19.3	31.1	85	48	Calm	SSW 3	2	3	------
7	-----	-----	20.8	31	81	48	E 1	E 3	2	2	------
8	-----	-----	20.8	30.8	82	47	E 1	SE 2	3	4	------
9	-----	-----	20.4	32	83	40	Calm	SSE 3	3	3	------
10	-----	-----	19.7	30.8	89	49	Calm	ENE 4	4	5	------
11	-----	-----	22.7	32.7	87	42	Calm	E 4	8	3	------
12	-----	-----	23	30.7	91	57	Calm	WSW 1	9	8	------
13	-----	-----	21.4	31.3	83	44	Calm	NE 3	5	6	------
14	-----	-----	20.4	30	84	46	Calm	NE 2	3	4	------
15	-----	-----	21.7	32.4	76	34	NE 3	E 2	0	2	------
16	-----	-----	19.8	32.2	78	33	NE 1	NE 3	2	2	------
17	-----	-----	21	31.4	73	45	Calm	SSW 2	1	4	------
18	-----	-----	21.3	32	71	45	NE 2	SSE 3	6	3	------
19	-----	-----	20	30.7	91	51	Calm	SW 2	4	7	------
20	-----	-----	22.4	31	88	53	Calm	SW 2	9	8	------
21	-----	-----	22	28	91	63	Calm	ESE 1	10	8	------
22	-----	-----	21.8	29.5	88	55	Calm	SE 1	7	7	------
23	-----	-----	21.2	31	89	44	Calm	E 2	8	2	------
24	-----	-----	21	31.7	82	38	NE 1	ESE 2	1	3	------
25	-----	-----	22.5	27	70	64	NE 2	ESE 3	2	8	------
26	-----	-----	20.5	33	79	34	E 1	SE 2	1	2	------
27	-----	-----	22	33.4	77	39	Calm	S 2	9	2	------
28	-----	-----	22.4	32.4	72	35	ENE 2	NE 3	6	2	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	-----	-----	20.9	31.3	83	45.4	0.5	2.4	4.2	3.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	-----	-----	21.7	29.8	88	52	Calm	ENE 3	8	5	------
2	-----	-----	21.7	30.6	87	44	NE 1	NE 3	2	8	------
3	-----	-----	21.4	30	87	47	Calm	NE 2	9	5	------
4	-----	-----	23.3	33.3	79	39	Calm	SE 3	9	2	------
5	-----	-----	21	34.5	89	32	Calm	E 3	8	3	------
6	-----	-----	21.4	32.8	82	39	Calm	SE 3	5	3	------
7	-----	-----	20.3	34	86	37	Calm	S 2	2	3	------
8	-----	-----	21.4	33.4	91	38	Calm	W 1	3	6	------
9	-----	-----	22.7	33.5	74	37	Calm	ENE 3	3	5	------
10	-----	-----	21.4	34.5	78	38	Calm	SE 3	2	3	------
11	-----	-----	21.5	34	85	39	Calm	SE 3	2	3	------
12	-----	-----	22	33.3	78	40	Calm	ESE 3	2	3	------
13	-----	-----	21.5	33.2	87	35	Calm	W 2	3	5	------
14	-----	-----	20.9	32.2	86	45	Calm	SSE 2	3	8	9.1
15	-----	-----	22.4	30.4	88	52	Calm	NE 3	10	4	------
16	-----	-----	22	32.3	86	46	Calm	NE 2	4	4	------
17	-----	-----	21.8	33.9	88	45	Calm	W 1	8	7	------
18	-----	-----	23.7	31.1	87	47	Calm	E 3	10	8	------
19	-----	-----	22.3	32.3	87	49	Calm	S 2	6	8	------
20	-----	-----	23.1	26.4	90	84	Calm	W 1	10	9	2.5
21	-----	-----	21.3	32.5	90	45	Calm	SSE 2	4	4	------
22	-----	-----	22.3	30	93	54	Calm	SE 2	10	8	------
23	-----	-----	22.5	33.3	85	41	Calm	E 3	8	3	------
24	-----	-----	22.3	33.6	76	38	E 1	SE 3	8	6	------
25	-----	-----	22.4	32	84	54	Calm	SW 2	2	8	1.5
26	-----	-----	22.5	31.8	94	48	Calm	NE 2	10	3	------
27	-----	-----	23.3	31.1	84	52	Calm	ESE 2	9	6	2.5
28	-----	-----	22.5	31	94	50	Calm	SE 3	8	2	------
29	-----	-----	22.4	33.2	82	46	Calm	SSE 3	8	6	------
30	-----	-----	24.2	33.8	75	43	NE 2	ESE 3	8	4	------
31	-----	-----	23.5	34.7	74	41	Calm	SSE 3	7	4	------
Mean	-----	-----	22.2	32.3	85	45.1	0.1	2.5	6.2	5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	15.6

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	-----	-----	23.3	35.3	86	43	Calm	SE 3	4	3	------
2	-----	-----	23.8	36.3	86	38	Calm	SE 2	1	3	3.8
3	-----	-----	23.9	35.2	90	44	Calm	SE 3	3	3	------
4	-----	-----	24.2	35.5	86	40	Calm	SE 2	4	3	------
5	-----	-----	24.3	35.4	89	39	Calm	SE 3	8	2	------
6	-----	-----	24.7	35.7	78	40	E 1	SSE 3	2	3	------
7	-----	-----	22	35.4	76	36	Calm	S 2	7	2	------
8	-----	-----	25.4	34.4	68	37	ENE 3	NE 3	0	2	------
9	-----	-----	25.2	34.3	71	40	NE 2	SE 3	1	3	------
10	-----	-----	24.5	34	78	41	Calm	E 3	4	2	------
11	-----	-----	23.8	34.7	86	39	Calm	SE 3	3	1	------
12	-----	-----	24.7	34.9	67	40	NE 2	SE 4	0	3	------
13	-----	-----	24.7	34	78	40	Calm	NE 3	2	4	------
14	-----	-----	24	33.7	75	34	Calm	SE 3	1	2	------
15	-----	-----	23.8	34.3	76	41	Calm	SE 3	1	4	------
16	-----	-----	22.4	34.3	82	39	Calm	NE 2	3	8	------
17	-----	-----	24.4	34.3	71	39	Calm	SE 3	8	4	------
18	-----	-----	23.4	35.6	75	36	Calm	SE 2	3	7	------
19	-----	-----	24.5	34.3	71	36	Calm	SE 3	2	3	------
20	-----	-----	24.5	35.3	75	39	Calm	NE 3	3	8	------
21	-----	-----	23.8	34.3	78	36	Calm	NE 3	2	3	------
22	-----	-----	23.8	31.2	79	47	Calm	NE 2	3	3	5.8
23	-----	-----	24.3	33.7	74	39	NE 2	NE 4	2	6	------
24	-----	-----	23.3	32.2	74	46	Calm	NE 2	2	4	------
25	-----	-----	23.4	34	75	37	Calm	NE 4	1	1	------
26	-----	-----	23.9	33	80	49	Calm	NE 3	2	3	------
27	-----	-----	24.1	31.8	75	52	Calm	NE 2	7	4	------
28	-----	-----	21.6	33.7	80	40	Calm	SE 2	6	8	------
29	-----	-----	22.8	33.3	78	47	Calm	SSE 3	4	3	------
30	-----	-----	24.6	35.3	82	35	Calm	SW 3	2	2	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	-----	-----	23.9	34.3	78	40.3	0.3	2.8	3	3.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	9.6

ANTIPOLO.

[φ=14° 36′ N; λ=121° 10′ E.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	-----	-----	23.4	37.1	78	81	Calm	SW 2	2	2	-----	-----	-----	25	34.4	95	51	Calm	SW 1	9	9	10.7
2	-----	-----	24.8	35.6	87	39	Calm	SW 2	8	4	-----	-----	-----	24.8	33.2	94	58	Calm	NW 1	3	7	-----
3	-----	-----	24.5	31.4	88	48	Calm	SW 2	3	4	-----	-----	-----	23.5	33.3	90	48	Calm	ENE 2	3	8	-----
4	-----	-----	25.2	35.7	89	36	Calm	SW 2	9	4	-----	-----	-----	24.5	32.2	85	61	Calm	SW 1	8	8	-----
5	-----	-----	24.5	33.3	89	53	Calm	S 2	2	7	-----	-----	-----	24.5	31.7	90	61	Calm	SSW 1	7	10	-----
6	-----	-----	25.4	34.3	77	44	Calm	ESE 3	4	4	-----	-----	-----	24.8	34.4	85	47	Calm	NE 2	8	7	1
7	-----	-----	24.5	33	75	47	Calm	NE 3	4	7	-----	-----	-----	23.8	32	92	57	Calm	E 2	7	7	-----
8	-----	-----	25.4	33.3	68	42	NE 2	ENE 2	6	8	-----	-----	-----	24.1	30.2	86	58	Calm	NE 2	5	8	-----
9	-----	-----	25.6	34.5	69	42	NE 2	E 2	9	8	-----	-----	-----	23.7	32.8	85	51	Calm	ESE 2	6	6	-----
10	-----	-----	24	34.5	75	42	Calm	S 2	6	5	-----	-----	-----	24.5	34.7	82	51	Calm	E 1	8	8	-----
11	-----	-----	24.1	34.8	81	46	Calm	SW 2	4	6	-----	-----	-----	24.4	35.6	83	44	Calm	SE 2	8	9	-----
12	-----	-----	24.7	36.8	86	36	Calm	SSE 2	2	4	-----	-----	-----	24.6	31.3	90	61	Calm	SE 2	9	10	-----
13	-----	-----	25.8	36.7	88	39	Calm	WSW 2	9	6	-----	-----	-----	23.8	35.3	90	45	Calm	ESE 2	8	5	-----
14	-----	-----	25.9	34.2	91	45	Calm	W 2	9	9	-----	-----	-----	25.2	35.4	82	46	Calm	SE 2	10	4	-----
15	-----	-----	26.5	31.6	88	62	Calm	W 2	10	9	4.3	-----	-----	25.8	30.7	78	62	Calm	E 2	8	8	-----
16	-----	-----	25.5	36.3	92	37	Calm	S 2	8	4	12.2	-----	-----	25.4	34.5	80	47	Calm	E 3	7	8	-----
17	-----	-----	24.7	31.7	90	56	Calm	E 4	3	9	15.7	-----	-----	25.9	35.2	78	47	Calm	NE 5	7	7	-----
18	-----	-----	23.8	26.8	93	87	E 1	Calm	10	9	5.3	-----	-----	25.3	34.7	81	47	Calm	E 3	3	4	-----
19	-----	-----	24.6	27	91	83	Calm	S 1	7	9	1	-----	-----	25.5	35.3	82	46	Calm	SE 2	9	6	-----
20	-----	-----	25.4	23	91	97	Calm	W 1	9	10	37.1	-----	-----	25	30	82	68	Calm	Calm	8	9	1
21	-----	-----	23.6	31.3	95	66	Calm	NW 2	9	8	2.5	-----	-----	24.6	33.3	87	55	Calm	SE 1	9	7	-----
22	-----	-----	24.5	31	94	61	Calm	W 2	8	7	27.7	-----	-----	24.3	30.3	81	67	Calm	E 2	2	8	-----
23	-----	-----	24.5	30.2	93	64	SW 1	WSW 1	8	5	.5	-----	-----	24.4	32.8	86	57	Calm	E 1	9	8	3.1
24	-----	-----	25	31.3	90	63	Calm	SSE 2	7	9	10.2	-----	-----	24.6	33.1	92	53	Calm	SE 2	9	9	-----
25	-----	-----	23.6	32.3	95	56	Calm	SSE 1	4	7	23.6	-----	-----	24.8	33.8	85	45	Calm	SE 2	7	5	-----
26	-----	-----	23.7	32	94	57	Calm	SSE 2	9	4	13	-----	-----	24.9	27.3	83	85	Calm	S 1	10	9	2.3
27	-----	-----	24.7	32.3	95	56	Calm	SW 2	6	7	-----	-----	-----	24.6	24.4	92	95	E 1	SSE 2	9	9	10.9
28	-----	-----	24.9	31.3	96	58	Calm	W 2	10	8	-----	-----	-----	24.3	29.5	85	70	Calm	SW 2	8	9	2.3
29	-----	-----	24.5	33.3	95	49	Calm	SW 2	7	3	-----	-----	-----	23.8	31.8	88	58	Calm	W 3	2	5	-----
30	-----	-----	25.2	33.2	93	48	Calm	SW 1	8	3	-----	-----	-----	24.4	32	95	50	NE 1	W 3	8	3	9.4
31	-----	-----	24.7	32.7	94	49	Calm	SW 2	8	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mean	-----	-----	24.7	32.7	87.7	52.9	0.2	1.9	6.7	6.2	-----	-----	-----	24.6	32.5	86.1	56.4	0.1	1.9	7.1	7.3	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	153.1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	40.7

Day.	JULY.											AUGUST.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	-----	-----	23.4	29.7	91	66	Calm	WSW 2	10	10	6.6	-----	-----	24.2	28.6	90	79	Calm	SSW 1	4	8	0.5
2	-----	-----	24.6	30	95	66	Calm	WNW 2	10	10	-----	-----	-----	24.8	30.5	85	64	Calm	W 2	6	6	1
3	-----	-----	24.5	32.4	94	55	Calm	W 3	5	6	-----	-----	-----	25	28.4	90	77	Calm	W 1	9	8	-----
4	-----	-----	25.4	31.5	92	60	Calm	W 3	3	3	-----	-----	-----	24.8	29.5	92	70	Calm	W 3	6	9	-----
5	-----	-----	25.9	31.6	96	62	Calm	WSW 3	7	4	-----	-----	-----	25.4	27.3	95	82	Calm	WSW 2	9	10	45.7
6	-----	-----	24.6	32.6	94	54	Calm	WNW 2	1	4	.5	-----	-----	22.7	27.7	97	79	Calm	WSW 3	10	10	-----
7	-----	-----	24.4	34.4	96	46	Calm	SE 3	3	2	.8	-----	-----	23.7	28	98	77	Calm	WNW 2	9	10	24.1
8	-----	-----	25.7	34.6	81	41	Calm	SE 2	6	4	-----	-----	-----	24.2	27.4	96	84	Calm	SW 4	8	10	15
9	-----	-----	25.2	34.9	83	44	Calm	E 2	2	7	-----	-----	-----	25.2	28.7	91	73	Calm	SW 4	3	7	4.1
10	-----	-----	25	33.7	85	49	Calm	NE 3	8	9	-----	-----	-----	24.6	26.3	97	83	Calm	SW 3	10	9	2.3
11	-----	-----	25.3	31.2	84	58	Calm	NE 2	10	9	2.3	-----	-----	24.8	24.4	92	91	Calm	NW 1	9	10	23.4
12	-----	-----	24.6	34.6	89	43	Calm	ENE 3	8	7	-----	-----	-----	22.4	25.7	98	88	Calm	W 1	10	10	43.7
13	-----	-----	23.8	31.4	86	54	Calm	NE 2	4	8	.5	-----	-----	22.9	24.5	97	92	Calm	Calm	10	10	47.5
14	-----	-----	24	28	91	70	Calm	NE 1	10	9	.8	-----	-----	23.6	26	98	84	Calm	NW 1	10	9	.5
15	-----	-----	24.7	27.1	84	71	Calm	ESE 2	10	10	14.2	-----	-----	23.4	28.5	94	77	Calm	WNW 2	4	7	-----
16	-----	-----	23.3	28.5	89	71	NE 1	ESE 2	10	9	2	-----	-----	23.3	30.4	97	69	Calm	W 2	2	7	3
17	-----	-----	22.8	26.1	97	86	Calm	SSE 1	10	10	-----	-----	-----	23.4	29.1	96	76	Calm	Calm	8	9	6.6
18	-----	-----	22.4	30.4	91	65	Calm	E 2	2	9	2.3	-----	-----	23.9	28.9	96	78	Calm	SE 1	10	9	3.3
19	-----	-----	23.2	32.5	97	56	Calm	SW 2	3	7	-----	-----	-----	24.2	23.7	97	94	Calm	N 1	9	10	89.1
20	-----	-----	23.7	30	89	64	Calm	SW 1	3	8	-----	-----	-----	24.2	27.8	97	81	Calm	W 1	4	9	1
21	-----	-----	25	30	95	59	Calm	W 2	7	9	-----	-----	-----	24.6	25	96	94	Calm	SW 2	10	10	9.9
22	-----	-----	24.9	30.8	96	63	SW 1	W 3	10	8	8.9	-----	-----	23.8	25.8	97	91	Calm	W 3	9	10	12.7
23	-----	-----	25	31.9	96	59	NW 1	SW 3	6	7	108.7	-----	-----	24	25.6	98	92	NW 1	NW 2	10	10	18.5
24	-----	-----	23.7	30	97	59	Calm	SW 2	10	7	-----	-----	-----	23.8	22.8	98	97	Calm	SW 4	10	10	56.6
25	-----	-----	23.7	26.8	97	81	Calm	S 2	9	10	1	-----	-----	22.5	29.2	97	74	Calm	WSW 3	10	7	2.3
26	-----	-----	24.4	25.2	96	93	SE 1	SW 2	10	10	26	-----	-----	22.9	28.4	97	70	Calm	W 2	4	7	5.6
27	-----	-----	23.3	25.2	97	95	Calm	SW 3	10	10	16.2	-----	-----	23.6	29.7	97	69	Calm	SW 1	9	8	-----
28	-----	-----	23.2	25.3	97	91	WNW 2	SW 2	10	10	50.5	-----	-----	23.3	30	94	61	Calm	SW 2	9	3	1
29	-----	-----	23.7	27.4	97	84	S 1	SW 2	10	10	10.4	-----	-----	22.7	30.4	97	65	Calm	W 2	1	1	-----
30	-----	-----	23.6	25.9	97	91	Calm	S 1	10	10	60.2	-----	-----	23.5	31.3	96	65	Calm	SW 2	4	8	-----
31	-----	-----	23.4	24.3	97	97	SE 1	W 1	10	10	21.6	-----	-----	23.7	29.6	93	72	Calm	W 1	8	10	14
Mean	-----	-----	24.2	29.9	92.5	66.2	0.3	2.1	7.3	7.9	-----	-----	-----	23.8	27.7	95.3	79	0	1.9	7.5	8.4	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	333.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	431.4

ANTIPOLO.

[ϕ=14° 36′ N; λ=121° 10′ E.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	-----	-----	23.3	29.7	96	70	Calm	SW 2	10	10	6.9	-----	-----	22.8	29.3	93	78	Calm	W 1	6	9	23.4
2	-----	-----	22	28.4	96	74	Calm	W 2	8	8	1.5	-----	-----	22.9	29.4	93	76	Calm	SW 2	9	9	14.2
3	-----	-----	23.3	28.4	95	70	Calm	W 2	4	9	-----	-----	-----	23.9	26.4	96	91	Calm	Calm	10	10	6.1
4	-----	-----	23	29.4	93	71	Calm	SW 3	8	8	3.6	-----	-----	23.9	27.4	96	81	Calm	Calm	10	9	-----
5	-----	-----	23.6	28	97	76	Calm	WNW 2	10	7	3.8	-----	-----	23.4	27.2	96	87	Calm	Calm	9	10	1.3
6	-----	-----	24.4	27.7	97	77	Calm	SW 4	9	10	3.3	-----	-----	22.4	28.3	96	81	Calm	N 1	8	7	-----
7	-----	-----	23.9	28.7	97	75	Calm	SW 4	9	8	97.3	-----	-----	22.3	31.1	96	68	Calm	S 1	10	4	-----
8	-----	-----	23	28	98	79	SW 2	SW 3	10	9	67.6	-----	-----	23.8	31.3	85	52	NE 1	SE 3	8	8	3.3
9	-----	-----	23.7	24.8	97	93	Calm	SE 1	10	10	72.1	-----	-----	23.5	29.2	91	71	NE 2	N 2	10	10	8.4
10	-----	-----	23.3	26.3	97	83	S 1	SW 2	10	10	6.9	-----	-----	24.2	30.8	86	69	NE 2	SE 2	10	8	-----
11	-----	-----	23.7	25	97	90	Calm	NW 1	9	9	56.6	-----	-----	23.5	30.6	91	70	Calm	E 2	10	8	21.6
12	-----	-----	23	29.4	97	73	Calm	W 1	9	7	5.3	-----	-----	22	26.4	96	89	Calm	NW 1	9	10	9.6
13	-----	-----	23.9	28	96	81	Calm	Calm	10	10	53.8	-----	-----	22.5	26.2	97	90	Calm	Calm	8	10	19.8
14	-----	-----	22.3	25.9	97	88	N 1	Calm	10	6	40.9	-----	-----	23	24.4	97	93	Calm	E 2	10	10	16.3
15	-----	-----	23.2	28.8	91	71	E 1	SE 1	8	6	.5	-----	-----	23.4	28.2	91	79	Calm	E 2	9	9	-----
16	-----	-----	23.4	30.3	94	72	Calm	N 2	5	9	1.3	-----	-----	23.4	32.6	91	64	Calm	S 2	8	9	-----
17	-----	-----	23.8	30.2	89	72	Calm	S 1	8	7	10.4	-----	-----	22.7	30	97	78	Calm	NW 1	9	8	6.9
18	-----	-----	23.5	23.4	95	96	Calm	N 1	10	10	18.3	-----	-----	22.7	29.5	97	85	Calm	W 1	6	7	.8
19	-----	-----	23.3	27.5	96	88	Calm	W 1	10	10	-----	-----	-----	23.7	27.2	90	90	E 1	W 1	4	7	5.6
20	-----	-----	23	30.7	96	69	N 1	SE 1	10	7	-----	-----	-----	22	32.4	96	60	Calm	NE 2	4	4	-----
21	-----	-----	23.6	28	91	77	Calm	Calm	9	8	27.7	-----	-----	23.8	30.5	93	73	Calm	NE 2	8	4	-----
22	-----	-----	23.3	30	96	71	Calm	W 2	2	5	-----	-----	-----	21.4	29.5	91	68	Calm	N 1	10	10	8.4
23	-----	-----	23.1	28.3	95	77	Calm	SW 1	2	7	15	-----	-----	23	23.2	91	97	NW 1	NW 5	10	10	41.2
24	-----	-----	23.6	29.8	91	71	E 1	N 1	7	4	20.1	-----	-----	24.4	25.9	87	85	E 7	ESE 7	10	10	9.4
25	-----	-----	24.6	29	94	78	Calm	SW 1	7	7	2.5	-----	-----	23.9	23.2	87	95	SE 2	SE 1	10	10	9.2
26	-----	-----	23.8	28	97	77	Calm	W 1	2	7	-----	-----	-----	22.5	31.6	87	56	E 2	SW 1	2	6	.8
27	-----	-----	23.9	29.9	96	72	Calm	WSW 3	9	8	-----	-----	-----	22.3	27	96	83	Calm	W 2	7	10	1.3
28	-----	-----	22.4	30.7	93	67	Calm	Calm	9	9	12.4	-----	-----	23.9	28.6	96	73	Calm	W 2	10	10	1.3
29	-----	-----	22.1	30.5	96	68	Calm	SSE 2	3	4	-----	-----	-----	24.4	25.6	91	84	W 3	WSW 6	10	10	-----
30	-----	-----	22.4	26.6	94	83	Calm	Calm	3	9	12.7	-----	-----	24	27	95	77	SW 2	SW 2	10	10	-----
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	23.9	24.7	91	93	Calm	SW 1	10	10	4.1
Mean	-----	-----	23.3	28.3	95.1	77	0.2	1.5	7.7	7.9	-----	-----	-----	23.2	28.2	92.8	78.6	0.7	1.8	8.5	8.6	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	540.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	213

	NOVEMBER.											DECEMBER.										
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	-----	-----	23.3	30.8	92	68	Calm	ESE 1	6	9	2	-----	-----	22	26.9	96	76	Calm	ENE 1	9	10	54.9
2	-----	-----	23.2	29.7	96	74	NNE 1	NE 2	8	8	4.8	-----	-----	21.9	22.4	98	96	Calm	Calm	10	10	59.7
3	-----	-----	22.5	23.4	91	91	NW 1	WNW 4	10	10	130.6	-----	-----	21.2	24.9	96	78	Calm	ENE 1	10	8	-----
4	-----	-----	23.4	30	91	70	SSE 3	SE 2	10	7	1.3	-----	-----	20.4	29	91	54	Calm	NE 3	6	6	-----
5	-----	-----	24.3	31.7	86	65	E 2	S 2	2	2	-----	-----	-----	21.4	26.8	95	67	Calm	NE 1	9	10	.5
6	-----	-----	23.4	29.5	94	64	Calm	ENE 1	8	8	-----	-----	-----	19.4	23.4	89	79	Calm	NE 2	6	10	43.9
7	-----	-----	22	30	91	61	Calm	NE 1	4	4	-----	-----	-----	22	23.9	99	87	NW 4	N 6	10	10	81.6
8	-----	-----	21.6	29.8	94	71	Calm	NE 1	1	8	9.1	-----	-----	22.9	24.4	91	93	SE 4	SE 2	10	10	13.7
9	-----	-----	23.2	29	96	76	Calm	SW 2	9	7	8.1	-----	-----	23.6	30.5	90	61	SE 1	SSE 2	3	2	8.1
10	-----	-----	22.4	23	96	97	Calm	NW 2	10	10	37.1	-----	-----	22.5	27.8	96	79	Calm	SE 1	7	9	.8
11	-----	-----	22.9	27	96	81	SE 2	SE 2	10	10	2.5	-----	-----	22.4	27.3	96	76	Calm	SW 1	10	9	1.5
12	-----	-----	23.9	26.4	87	88	E 1	Calm	7	10	3.8	-----	-----	23.3	27.2	96	77	Calm	W 1	10	9	.5
13	-----	-----	22.9	30.3	96	64	Calm	E 2	3	4	-----	-----	-----	23.6	27.7	97	73	Calm	WSW 1	9	10	11.4
14	-----	-----	23	31.5	95	60	Calm	NE 2	8	3	-----	-----	-----	23.4	27.5	97	84	Calm	E 2	9	8	3.5
15	-----	-----	21	30.2	91	59	ENE 1	NE 2	3	2	-----	-----	-----	23.4	28.2	97	72	Calm	N 1	10	9	3.6
16	-----	-----	21.5	28.3	90	78	Calm	W 1	3	9	6.1	-----	-----	23.2	28.2	97	76	Calm	Calm	8	9	-----
17	-----	-----	22.8	27.2	96	64	Calm	NE 3	9	8	.5	-----	-----	21.4	25.9	93	88	NE 1	Calm	5	9	7.4
18	-----	-----	22.3	29.3	87	56	Calm	NE 2	6	8	-----	-----	-----	22.4	25.4	96	76	Calm	N 1	10	10	4.8
19	-----	-----	22.2	28	89	68	Calm	NE 2	10	8	1.3	-----	-----	22	26.4	82	68	NNE 1	NE 4	9	9	-----
20	-----	-----	22.9	29.1	86	60	NE 1	NE 4	3	6	1.8	-----	-----	22.4	28.2	86	64	NE 1	NE 4	9	8	-----
21	-----	-----	21.6	26.5	95	73	Calm	NE 1	4	8	14	-----	-----	20.6	27.8	91	65	Calm	NE 3	4	8	-----
22	-----	-----	22.3	29	96	58	Calm	NE 3	9	5	1.5	-----	-----	23.2	28	90	63	Calm	NE 3	8	8	-----
23	-----	-----	21.8	29.3	93	61	Calm	NE 1	9	2	.8	-----	-----	21.3	28.5	89	57	Calm	NE 2	9	8	-----
24	-----	-----	22.4	28	96	74	Calm	E 1	10	9	1	-----	-----	21.7	27.2	87	67	Calm	NE 2	9	9	-----
25	-----	-----	22.5	30	96	70	Calm	NE 1	10	8	1.3	-----	-----	22.3	27.6	90	68	Calm	NE 3	8	8	-----
26	-----	-----	23	26.1	96	91	Calm	Calm	9	9	2	-----	-----	22	29.4	84	61	N 1	E 2	9	7	-----
27	-----	-----	22.9	29.4	96	76	Calm	S 1	9	8	1.5	-----	-----	22.4	28	91	75	Calm	SW 2	9	9	1.3
28	-----	-----	22.6	27.7	97	80	Calm	NE 1	4	7	5.6	-----	-----	22.6	27.7	96	79	Calm	Calm	8	7	2.8
29	-----	-----	22.3	27.8	97	79	Calm	Calm	5	7	7.9	-----	-----	22.2	28.5	89	76	Calm	NW 1	3	4	-----
30	-----	-----	22.5	28	96	77	Calm	Calm	8	10	4.1	-----	-----	23.3	25	90	89	Calm	NE 3	6	10	17.8
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	22.6	27.5	92	69	Calm	NE 2	10	9	.8
Mean	-----	-----	22.6	28.5	93.3	71.8	0.4	1.6	6.9	7.1	-----	-----	-----	22.2	27	92.5	74	0.4	1.8	8.1	8.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	248.7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	318.6

IBA.

[φ=15° 20′ N; λ=119° 58′ E; barometer above sea, 4.8 meters; gravity correction not applied, —1.69 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.89	59.92	18	29.5	98	58	Calm	NW 1	3	3	------
2	61.63	59.70	18.6	29.7	98	59	Calm	NNW 1	0	1	------
3	60.94	60.40	18.6	30.2	90	59	Calm	NW 1	0	3	------
4	61.54	60.63	19	29	86	63	E 1	NNW 1	1	9	------
5	61.98	60	21.7	30.5	90	62	Calm	W 2	9	8	------
6	61.38	59.95	21.3	30.5	94	62	Calm	WNW 2	3	6	------
7	60.62	58.97	23.5	30.2	92	60	Calm	NNW 3	10	2	------
8	60.61	59.53	21.7	29.7	91	60	Calm	NNW 2	10	6	------
9	60.92	59.52	19.6	28.8	97	68	Calm	NW 1	2	3	------
10	61.31	60.47	20.3	30	95	67	Calm	NNW 1	1	4	------
11	63.18	61.32	20.2	29.6	96	66	Calm	W 1	1	2	------
12	61.81	60.95	19	29.8	94	63	Calm	WNW 2	3	2	------
13	62.66	62.12	19.4	29.2	96	63	Calm	WNW 1	1	3	------
14	62.81	62.15	18.9	29.5	97	63	N 1	WNW 1	2	7	------
15	62.76	62.20	22.2	30.2	76	56	SE 1	SW 1	2	7	------
16	60.04	63.17	22.2	29.5	73	63	ESE 1	NNW 1	4	7	------
17	64.35	62.87	19.4	29	93	59	Calm	WNW 1	6	7	------
18	64.01	62.73	19.1	28.5	95	64	Calm	NNW 1	5	7	------
19	62.96	60.88	19.3	29.8	96	60	Calm	W 1	4	1	------
20	61.67	59.26	19	30.7	97	56	Calm	NNW 1	2	3	------
21	61.56	60.05	18.5	29.7	98	59	Calm	NNW 1	1	1	------
22	62.32	60.22	19	30.1	99	68	Calm	NNW 2	0	2	------
23	61.58	60.13	20.4	31	96	62	Calm	NW 2	1	5	2.5
24	60.29	59.81	23.7	30	79	60	E 1	NW 1	9	7	------
25	61.77	60.32	19.9	30.2	95	60	Calm	NW 1	2	2	------
26	61.64	60.47	19.8	28.7	97	67	Calm	NW 1	3	8	------
27	61.07	60.18	19.6	29.3	96	69	Calm	SW 1	1	6	------
28	60.62	59.62	21.6	29	95	69	Calm	NNW 2	4	7	------
29	61.18	60.19	20	29.7	94	61	Calm	SW 1	1	3	------
30	61.04	61	23.5	27.5	80	70	SSE 1	Calm	4	9	------
31	61.67	60.41	20.1	30.2	94	54	Calm	W 1	6	4	------
Mean	61.83	60.62	20.2	29.7	92.5	62.3	0.2	1.3	3.3	4.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	2.5

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.76	60.76	20.6	30.5	94	64	Calm	NNW 1	4	3	------
2	60.97	59.72	19.5	29.4	97	64	Calm	SSW 1	3	3	------
3	59.50	59.15	18.4	29.7	96	58	Calm	S 1	0	1	------
4	60.12	59.60	18.6	29	98	64	Calm	WSW 1	1	4	------
5	61.33	60.01	20.2	29.2	94	63	Calm	WNW 2	2	2	------
6	61.07	59.87	19.6	30.2	96	60	Calm	NW 1	0	1	------
7	60.16	59.60	20.2	31.2	95	54	Calm	WSW 1	0	1	------
8	61.05	60.28	19	30.9	95	56	Calm	WSW 1	2	3	------
9	61.32	60.37	17.7	30.5	95	53	Calm	NW 1	3	3	------
10	60.74	59.13	18.3	30.2	87	57	Calm	WNW 2	2	7	------
11	59.67	58.87	21.7	30.3	88	63	Calm	WSW 2	7	4	------
12	60.08	59.26	20.5	30.5	95	61	Calm	W 2	6	6	------
13	60.33	59.26	20.8	31	90	61	Calm	NNW 1	3	6	------
14	60.37	60.27	18.7	31	95	58	Calm	NNW 1	2	4	------
15	62.77	61.45	17	31.5	95	42	Calm	NNW 1	2	1	------
16	62.39	60.93	16.5	30.2	92	56	Calm	NNW 1	1	1	------
17	61.97	60.91	17	31.1	94	49	Calm	NW 1	0	1	------
18	61.18	61.16	17.3	30.3	94	57	Calm	SW 1	1	1	------
19	62.41	61.77	18.4	30.1	94	55	Calm	NW 2	1	3	------
20	61.48	60.81	18	29.8	96	56	Calm	NW 2	0	7	------
21	61.86	61.07	20	27.6	93	69	Calm	NW 1	4	9	------
22	61.89	61.15	23.7	27.5	80	69	Calm	Calm	7	9	------
23	62.27	60.70	22	29.5	93	61	Calm	SSW 1	8	9	0.3
24	61.74	60.81	19.4	30	91	55	Calm	NNW 1	1	2	------
25	61.94	60.34	19.5	31.6	82	44	Calm	SW 1	1	3	------
26	61.29	60.61	22.2	31.7	75	49	ESE 2	SW 1	0	3	------
27	61.29	60.53	18.8	30.5	92	62	Calm	NW 1	3	6	------
28	61.82	60.05	20.1	30.5	85	53	Calm	W 1	7	3	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	61.24	60.30	19.4	30.2	91.8	57.6	0.1	1.2	2.5	3.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0.3

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.16	60.73	23.4	29	72	59	ESE 1	NNW 1	3	9	------
2	62.08	61.66	20.7	30.2	89	62	Calm	N 1	4	6	------
3	62.03	61.09	23.2	30.7	75	57	Calm	WSW 1	4	6	------
4	62.76	62.20	20	31.6	91	52	Calm	NW 1	3	3	------
5	62.94	61.57	20.5	30.7	91	60	Calm	WSW 1	4	2	------
6	62.28	60.57	19.3	30.7	89	52	Calm	SW 1	1	3	------
7	61.34	61	19	30.5	90	59	Calm	WSW 1	0	1	------
8	62.24	60.97	20.2	31.7	91	62	Calm	NNW 1	0	4	------
9	62.24	60.72	20	32	90	50	Calm	NW 1	1	1	------
10	63.17	61.57	19.5	31.3	91	60	Calm	NNW 2	0	1	------
11	62.29	60.41	20.2	31.5	91	57	Calm	WNW 1	1	3	------
12	60.57	59.02	20.1	30.7	87	55	Calm	WSW 1	0	1	------
13	60.69	60.24	20.1	31	92	59	Calm	WNW 1	3	7	------
14	61.52	60.35	18.5	30	92	61	Calm	NNW 2	3	8	------
15	61.80	60.36	23.7	31.6	77	52	Calm	W 1	3	3	------
16	61.13	60.32	23.6	31.5	70	58	ESE 1	NNW 1	0	2	------
17	61.58	60.21	22.4	32.4	91	54	Calm	NW 2	7	1	------
18	61.52	61.16	20.8	30.7	92	60	Calm	WNW 2	1	1	------
19	62.90	61.85	21.6	30.9	91	57	Calm	NNW 1	2	1	------
20	62.60	61.05	21.6	29.5	91	60	Calm	WNW 2	6	1	------
21	61.12	60.36	21	31	94	62	Calm	W 1	1	2	------
22	60.47	59.56	21	30	95	65	Calm	W 1	2	3	------
23	60.87	60.17	23.2	31.4	85	59	Calm	WNW 1	5	3	------
24	62.18	61.11	21.7	31.3	94	63	Calm	NW 1	4	4	------
25	61.50	59.66	21.6	31.7	92	62	Calm	NNW 2	1	3	------
26	60.71	59.86	22.6	30	90	65	Calm	WNW 1	7	7	------
27	60.78	59.81	21.8	31	93	40	Calm	WNW 2	3	5	------
28	60.76	59.16	25.2	34.5	70	40	SSE 2	ESE 1	7	8	------
29	61.17	60.66	23.8	32	77	56	Calm	NW 1	6	2	------
30	61.72	60.47	22.5	31.5	90	62	Calm	W 1	6	3	------
31	60.66	59.88	22.6	32	90	59	Calm	SW 1	6	5	------
Mean	61.64	60.57	21.5	31.1	87.5	57.4	0.1	1.2	3	3.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	0

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.25	58.90	23.6	32.5	90	62	Calm	SW 1	4	2	------
2	59.39	58.43	26.5	32.3	79	60	Calm	SSW 3	7	4	------
3	59.53	59.38	24.4	32.1	80	61	Calm	SSW 1	4	6	------
4	60.22	59.26	23.2	31.7	91	60	Calm	SSW 1	5	6	------
5	61.13	59.74	22.3	31.5	93	64	Calm	WSW 1	2	2	------
6	61.60	60.16	22.8	32	93	60	Calm	SW 1	4	2	------
7	61.58	60.80	22.6	32.5	93	61	Calm	WNW 1	4	6	------
8	60.95	59.55	21.8	32.8	84	54	Calm	WSW 1	2	1	------
9	61.40	60.21	21.6	32.8	87	49	Calm	NW 1	0	5	------
10	61.32	59.50	21.5	32.7	85	58	Calm	SW 1	1	3	------
11	59.83	58.48	23.1	33.4	82	55	Calm	W 1	1	1	------
12	60.57	58.81	22.6	32.3	91	54	Calm	SW 1	3	1	------
13	61.17	60	23.8	32.8	81	59	Calm	WNW 1	4	3	------
14	60.77	60.06	23.3	31.7	73	54	Calm	WSW 1	1	2	------
15	60.10	58.86	22.2	33	82	52	Calm	WSW 1	1	2	------
16	59.70	58.55	21.7	33	89	52	Calm	W 1	5	7	------
17	58.32	57.10	22.8	32	89	55	Calm	SW 1	6	1	------
18	58.42	57.95	21.8	32	90	53	Calm	SW 1	3	3	------
19	59.54	58.89	26.1	32	70	58	Calm	SW 1	1	7	------
20	60.43	59	24	33.5	74	50	Calm	NW 2	1	4	------
21	60.21	58.68	27	32	61	58	SSE 1	NW 1	1	8	------
22	60.50	58.55	22.8	36	78	39	Calm	ESE 1	2	7	------
23	59.72	58.89	25.8	35.4	67	40	Calm	WbyN 1	1	4	------
24	60.62	58.99	25.7	33.2	64	46	ESE 1	WNW 2	1	4	------
25	60.26	57.80	25.8	34.2	65	45	SE 1	NW 2	3	4	------
26	59.45	58.19	23.4	33.6	76	53	Calm	WNW 1	1	6	------
27	59.14	57.63	26.5	33.4	69	45	Calm	WSW 1	6	5	------
28	59.09	58.43	24.4	33.7	69	49	Calm	NNW 2	5	5	------
29	59.24	57.74	25	33.5	79	56	Calm	WSW 1	1	1	14
30	58.61	57.91	26.1	32	89	67	Calm	SW 1	3	4	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.10	58.88	23.8	32.9	80.4	54.3	0.1	1.2	2.8	3.9	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	14

IBA.

[ϕ=15° 20′ N; λ=119° 58′ E; barometer above sea, 4.8 meters; gravity correction not applied, —1.69 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12)		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58.35	57.46	24.6	32.6	92	59	Calm	SW 1	2	2	------
2	58.16	57.06	24.5	32.7	93	62	Calm	WNW 1	3	3	------
3	57.57	56.69	22.9	32.3	90	59	Calm	SW 1	8	8	------
4	57.27	56.46	23.3	32.6	91	61	Calm	W 1	6	7	------
5	57.47	56.53	24.2	33	90	59	Calm	WSW 1	5	3	------
6	57.51	57.34	27	29.3	73	72	Calm	Calm	1	8	3.4
7	57.51	56.35	24.5	32.3	85	60	Calm	WNW 1	2	8	------
8	57.61	56.34	26.6	33.4	71	56	Calm	W 1	8	8	------
9	57.50	56.84	26.5	33	64	52	ENE 1	NWbyW 1	7	6	6.4
10	57.68	56.43	24.5	32.6	87	59	Calm	WSW 1	4	4	------
11	57.77	57.01	25	32	92	57	Calm	W 1	5	2	------
12	58.22	56.75	23	33.5	91	59	Calm	W 1	1	1	------
13	58.25	56.75	24.8	33.9	92	48	Calm	SW 1	4	2	------
14	57.71	56.69	25.4	32.5	87	66	Calm	SSW 1	7	7	19.8
15	58.07	57.75	25.1	29.2	93	76	Calm	Calm	10	10	1.9
16	57.78	56.44	24.7	32.6	94	65	Calm	WNW 2	7	4	------
17	57.35	57.08	25.1	32.3	91	66	Calm	SSW 1	6	7	8.6
18	58.39	58.53	25.5	26.8	88	92	Calm	Calm	7	10	37.8
19	59.31	58.99	25	28.8	92	80	Calm	Calm	10	10	7.9
20	58.72	58.12	24.7	27.5	97	86	Calm	Calm	10	10	7.6
21	56.84	56.71	25.4	31.7	87	66	SSE 1	SSW 1	5	8	.5
22	57.05	56.44	25.1	32.2	93	66	Calm	S 1	10	5	51.1
23	58.02	56.75	24.4	29.5	94	75	Calm	SSW 1	10	10	31.7
24	57.59	57.33	23.5	26.2	94	94	Calm	Calm	7	10	7.7
25	58.11	57.61	25.3	30	84	78	Calm	SSW 3	4	6	.8
26	58.62	57.85	25.6	31.5	87	66	SSE 1	SSW 3	7	4	------
27	57.98	58.19	25	32	88	68	Calm	SSW 1	7	4	------
28	59	58.86	24.7	31.8	89	67	Calm	SSW 1	7	6	------
29	59.20	57.80	24.1	32	94	66	Calm	SW 1	4	1	------
30	57.96	56.98	24.6	31.5	92	63	SE 1	SW 1	7	6	------
31	57.74	56.18	23.4	32.1	93	66	Calm	SW 1	6	6	------
Mean	57.95	57.17	24.8	31.4	88.6	66.7	0.1	1	6	6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	185.2

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	57.55	57.30	23.2	31.7	92	67	Calm	SW 1	7	6	------
2	59.12	58.58	26.6	30.3	90	66	Calm	Calm	9	8	------
3	59.56	57.86	25.2	32.6	90	65	Calm	NNW 1	3	4	28.7
4	59.01	57.25	23.2	31.6	94	65	Calm	WSW 1	5	4	------
5	57.92	57.20	24.6	32	95	63	Calm	WSW 1	6	8	------
6	58.62	57.70	24.5	32.5	92	63	Calm	W 1	5	4	------
7	58.76	57.38	24.5	31.4	89	68	Calm	NNW 1	7	8	3
8	58.18	56.23	23.8	32.2	89	58	Calm	SW 1	4	3	1.3
9	56.78	55.88	24.5	32.5	91	63	Calm	SW 1	5	5	49.8
10	56.81	55.91	23.7	32.1	96	64	Calm	NW 1	4	6	.8
11	57.17	56.29	23.6	32.2	89	61	Calm	WNW 1	7	5	------
12	57.07	57.01	25.3	30.3	92	73	Calm	Calm	7	8	------
13	57.35	56.56	24.8	32.9	91	63	Calm	SW 1	6	7	1.3
14	57.57	56.51	24	30.7	93	70	Calm	N 1	7	7	1.3
15	57.31	56.99	24.4	27.5	93	82	Calm	NNE 1	3	9	1.3
16	57.82	57.65	26	34.5	83	54	Calm	SE 1	4	7	1.5
17	58.25	56.69	24.6	32.6	91	66	Calm	NNW 1	4	6	------
18	57.79	56.23	26	32.5	80	63	Calm	WSW 1	4	5	------
19	57.01	56.22	26.4	29.2	79	74	ESE 1	NNE 1	2	8	5.1
20	56.77	56.45	24.9	29.4	92	75	Calm	Calm	8	9	3.3
21	57.26	56.84	24.2	31.3	96	70	Calm	Calm	7	7	2.3
22	57.70	56.34	26.1	32	79	57	SE 1	NW 1	6	2	20.3
23	57.25	56.30	24.3	31.6	96	66	Calm	W 1	5	5	------
24	57.12	56.20	24.7	32.2	94	65	Calm	NW 1	4	7	2.8
25	57.63	56.05	25.1	30.9	95	71	Calm	Calm	7	6	18
26	57.23	56.16	25	31	96	74	Calm	SW 1	9	9	4.6
27	56.53	56.11	25.4	26.7	88	92	Calm	Calm	10	10	97.8
28	56.96	57.61	24.3	25.9	92	94	S 1	E 1	7	10	62.7
29	57.31	57.41	24.6	30.9	87	69	SSE 1	S 1	7	5	21
30	57.84	57.83	25	27.4	92	89	Calm	Calm	5	10	63
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	57.64	56.82	24.8	31	90.5	69	0.1	0.8	5.8	6.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	389.9

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12)		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	58	57.56	24.5	29.3	91	74	Calm	S 1	10	10	21.9
2	56.71	56.94	24.6	26.6	97	93	Calm	Calm	10	10	44.5
3	56.09	55.80	25.7	31.6	93	70	Calm	S 1	9	7	4.3
4	57.21	57.25	26.4	31.7	93	72	Calm	S 1	5	5	1.3
5	58.43	58.50	24.8	30.1	95	81	Calm	NNE 1	3	9	12.9
6	58.63	57.90	23.6	32	95	74	Calm	WSW 1	1	2	------
7	58.44	57.43	25	31.6	95	71	Calm	WNW 1	3	6	8.1
8	59.59	57.87	25.7	30.7	94	76	Calm	SSW 1	7	5	8.4
9	59.79	59.04	24.8	32.1	96	69	Calm	NNW 1	3	4	1
10	60.15	58.55	24.8	32.6	97	75	Calm	NW 1	6	8	10.9
11	58.99	58.20	24.3	32.2	96	65	Calm	SSW 1	5	4	------
12	58.60	57.48	24.3	32	93	66	Calm	NW 1	6	6	6.1
13	57.72	56.84	23.8	32.6	91	63	Calm	WNW 1	5	6	1.5
14	57.06	56.24	23.6	32.4	92	57	Calm	NW 1	9	7	------
15	56.73	57.46	24.5	24.8	90	87	Calm	Calm	7	10	6.7
16	57.57	57.22	25.2	32.3	75	60	SE 1	NNW 1	10	7	------
17	57.13	56.87	26.6	32.5	72	63	Calm	WNW 1	7	5	35.6
18	57.41	56.32	23.2	29	94	74	Calm	Calm	8	6	------
19	56.31	55.35	24.4	32	93	67	Calm	SW 1	4	4	------
20	56.16	55.34	25.4	31.5	95	68	Calm	W 1	6	3	------
21	56.73	56.93	23.8	32.2	96	71	Calm	SW 1	8	6	------
22	58.38	57.77	25.6	30.1	93	75	SE 1	Calm	7	7	2.3
23	58.62	57.20	25.2	30.5	92	78	Calm	Calm	10	9	61.3
24	57.01	55.31	23.8	25.5	97	89	Calm	Calm	10	9	6.6
25	55.21	54.25	24.5	29.9	97	72	SSE 1	SSW 1	9	7	104.1
26	54.53	54.43	23.9	26.5	97	86	Calm	SW 1	10	10	50.3
27	52.89	52.80	23.7	27.1	97	90	SSE 1	Calm	10	10	115.4
28	52.68	52	24.3	26	97	90	Calm	NE 1	10	10	90
29	50.75	49.69	24.5	27	96	91	SbyE 1	SSW 1	10	10	149.9
30	50.14	50.90	24.6	26.4	94	83	SSE 1	SbyE 1	10	10	26.7
31	52.20	53	25.3	27.7	96	83	SbyE 1	SbyW 1	10	10	119.4
Mean	56.64	56.08	24.7	30	93.2	75.3	0.2	0.8	7	7.2	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	889.2

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0–10.	0–10.	mm.
1	55.04	54.83	25	29.3	94	79	SSE 1	S 3	10	9	19.6
2	56.22	55.46	27.3?	28.7	84?	87	Calm	S 1	10	10	11.2
3	56.67	55.81	25.5	30.7	94	76	Calm	SbyW 1	9	9	22.4
4	56.13	55.55	26	29	92	85	Calm	SSW 1	9	9	20.8
5	56.09	56.26	26.1	28	94	91	Calm	Calm	9	10	61
6	56.92	56.81	24.1	29.8	95	76	Calm	Calm	10	9	45.2
7	57.48	58.04	24.1	24.2	96	96	Calm	Calm	7	10	59.2
8	56.68	55.80	25.1	28.6	93	89	Calm	Calm	10	10	10.2
9	55.28	55.63	27.9	31	85	75	SSW 1	SW 1	9	9	38.1
10	56.02	56.42	27.5	26	88	96	SSW 1	Calm	10	10	66
11	57.48	58.25	26.6	25	95	96	S 1	SbyE 1	10	10	119.4
12	57.38	56.83	24.6	23.5	97	96	Calm	SE 1	10	10	107.2
13	55.96	55.96	23.6	23.5	98	96	Calm	SEbyS 1	10	10	144.7
14	56.59	56.89	24.1	23.8	98	97	EbyS 1	SE 1	10	10	73.4
15	56.90	57.46	23.7	25.3	97	93	Calm	Calm	9	9	49.5
16	58.53	57.51	23	30.3	97	77	Calm	Calm	2	5	------
17	57.98	56.31	24.1	28	97	88	Calm	NbyW 1	7	8	2.3
18	55.82	54.92	24	29.1	96	83	Calm	Calm	7	10	1.3
19	55.39	54.16	24	30.4	97	74	Calm	WSW 1	6	7	1
20	55.41	54.23	24.6	28.9	95	74	Calm	SSW 2	9	7	7.6
21	55.53	55.44	24.6	28.5	97	81	EbyS 1	S 1	10	10	32
22	56.32	56.12	26.5	25.9	90	96	SSW 1	Calm	10	10	87.9
23	55.84	55.71	24.2	26.3	97	93	SE 1	Calm	10	10	74.9
24	55.87	56.38	23.5	25.4	96	93	Calm	SSW 1	10	10	90.6
25	56.38	56.78	23.6	26.1	97	94	SE 1	SbyE 1	10	10	63.3
26	58.27	58.12	23.8	26.1	97	89	Calm	Calm	10	10	22.6
27	59.16	58.74	23.1	30	95	75	SE 1	SSW 1	4	6	21.1
28	59.14	58.87	22.9	28.8	97	78	Calm	Calm	5	8	------
29	59.14	58.26	23.7	30.6	94	75	SE 1	WSW 1	4	4	------
30	58.95	58.12	22.8	29.5	97	79	Calm	NW 1	3	8	------
31	57.84	57.03	22.5	30.8	96	71	Calm	NW 1	5	5	2
Mean	56.85	56.54	24.6	27.8	94.7	85.4	0.4	0.7	8.2	8.8	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	1,254.5

IBA.

[ϕ=15° 20′ N; λ=119° 58′ E; barometer above sea, 4.8 meters; gravity correction not applied, —1.69 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	56.72	56.76	24	27.3	96	87	Calm	Calm	10	10	31.7
2	57.33	55.95	23.2	29	96	74	Calm	swbys 1	9	9	.8
3	57.04	55.91	23.6	29	97	76	Calm	Calm	9	9	13.2
4	56.44	55.07	23.9	29.9	97	76	Calm	SSW 1	10	2	5.8
5	55.20	54.69	24.7	27.6	97	86	SEbys 1	SSE 1	9	8	11.2
6	54.98	54.18	23.2	29.9	97	76	Calm	S 1	3	10	12.4
7	53.98	53.37	24.1	28.9	97	82	Calm	SSW 1	10	9	66.3
8	53.58	52.20	24.2	26.4	97	92	SEbyE 1	SbyE 1	10	10	100.9
9	53.70	53.29	24.3	27.3	97	90	Calm	SbyE 2	10	10	44.7
10	54.55	54.62	24.3	29	92	81	SE 1	SSW 1	10	9	41.6
11	55.14	54.59	24	26.5	95	92	Calm	Calm	10	10	34.3
12	55.30	54.89	24	28.8	94	78	SSE 1	SSW 1	6	8	.5
13	56.02	55.66	24.8	29.3	93	81	Calm	SSW 1	5	9	3
14	56.85	56.88	25	27.3	92	86	Calm	SSE 1	10	9	3
15	56.75	56.48	24.6	29	84	78	SSE 1	SSW 1	3	8	11.4
16	58.98	57.06	23.3	31.2	97	71	Calm	NbyW 1	7	4	------
17	59.30	58.29	24.1	32	95	65	Calm	W 1	9	5	------
18	58.39	58.10	23.7	31.3	97	71	Calm	SWbyW 2	3	7	------
19	57.62	56.82	23.4	29.3	97	79	Calm	Calm	3	10	------
20	58.48	56.35	24	32.1	96	68	Calm	WSW 1	5	3	29
21	58.20	57.47	24.4	30.4	96	71	Calm	NbyW 1	10	6	------
22	57.98	57.41	23.8	31.4	92	68	Calm	NW 1	3	5	------
23	58.37	57.04	23.9	31.4	97	72	Calm	NW 1	3	4	1.8
24	57.84	56.76	24	30.5	96	76	Calm	ESE 1	4	7	2.8
25	57.88	57.11	24.8	31.5	91	70	SEbys 1	SSW 1	8	3	1
26	58.25	57.85	24.2	30.4	94	68	SE 1	SSW 1	4	7	------
27	58.32	57.67	23.3	31	96	67	Calm	WSW 1	2	2	------
28	58.23	57.70	24.5	29.4	92	78	Calm	swbys 1	3	9	5.3
29	58.25	56.89	23	30.5	93	68	SE 1	SSW 1	1	4	8.4
30	59.26	58.16	23	31.6	97	61	Calm	W 1	2	8	5.1
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	56.96	56.17	24	29.6	94.9	76.3	0.3	0.9	6.4	7.1	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	434.2

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.93	58.11	23.5	32	95	68	Calm	NW 1	3	2	------
2	58.37	56.02	24.4	32.5	95	68	Calm	WbyN 1	7	6	0.8
3	56.09	54.66	23.7	30.5	97	72	ESE 1	SSW 1	4	9	2.3
4	55.63	54.82	23.8	27.5	93	91	SE 1	Calm	10	9	5.8
5	55.57	54.64	23.5	30.6	96	70	Calm	SWbyW 1	4	5	.3
6	55.11	53.92	24.9	31.5	97	69	Calm	SW 2	6	7	------
7	54.52	53.46	23.6	32.5	97	66	Calm	NNW 1	7	5	1
8	54.49	53.81	22.7	31.2	90	64	Calm	NNW 1	4	7	------
9	54.96	53.91	26.4	33.3	77	50	SSE 1	SE 2	4	6	------
10	55.81	55.94	26.2	33.5	75	54	SSE 2	SSE 1	4	6	------
11	59.21	58.65	25.1	31.6	88	65	Calm	SSW 1	10	7	32
12	59.71	58.27	23.2	30.1	94	76	Calm	N 1	9	8	4.8
13	58.17	56.78	22.6	26.4	97	89	Calm	EbyN 1	4	9	17.3
14	56.67	55.83	24.4	26.9	92	83	Calm	SSE 1	10	10	2
15	56.62	55.79	24.3	31.7	87	61	Calm	S 1	5	6	1.8
16	57.32	56.95	24.6	31.1	90	67	Calm	SSW 1	8	9	.5
17	58.47	56.90	23.2	31.8	96	67	Calm	WbyN 1	5	5	------
18	58.13	56.99	22.9	30.9	97	66	Calm	Calm	4	8	15.7
19	57.35	56.94	23.1	32.1	97	69	Calm	NW 1	3	6	------
20	58.67	56.94	23.8	32.2	97	69	Calm	NNW 1	3	1	------
21	58.25	56.76	23.1	30.7	95	69	Calm	Calm	4	9	3.8
22	57.47	56.03	21.6	31	97	69	Calm	NNW 1	6	9	------
23	55.06	52.96	24	27.9	97	83	Calm	Calm	10	10	5.1
24	48.01	45.34	25.8	27.7	81	82	N 2	Calm	10	10	23.2
25	46.78	49.61	23.7	27	85	73	SE 4	SSE 5	10	10	49.3
26	53.54	54.66	24.1	26	86	93	SSE 2	SSW 2	4	10	5.9
27	56.79	55.98	22.6	29.6	96	74	Calm	SW 1	6	9	10.9
28	55.19	53.47	25.4	29	93	74	NNW 1	NNW 3	10	9	4.6
29	53.25	51.42	26.2	27.5	81	77	NWbyN 4	NNW 4	10	10	.3
30	53.52	53.54	26.3	27.5	79	78	SW 3	Swbys 2	10	10	2.1
31	55.35	55.66	24.3	29.8	86	69	Calm	S 1	10	7	------
Mean	55.94	54.99	24.1	30.1	91.1	71.8	0.7	1.3	6.6	7.5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	189.5

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.42	57.45	23.5	28.7	90	78	Calm	WNW 1	8	9	------
2	58.95	57.26	23.4	31	94	74	Calm	NW 1	6	5	------
3	56.45	51.79	22.1	27.2	96	81	Calm	NNW 2	5	10	61
4	53.28	55.68	25.3	26.5	86	91	S 6	SSE 3	10	10	23.7
5	58.62	57.55	24.7	29.7	87	77	SSE 1	SSW 1	5	1	------
6	58.85	56.53	23.3	30.5	97	74	Calm	WSW 2	5	3	------
7	58.37	57.01	22.1	30.6	97	73	Calm	WNW 1	3	2	.5
8	58.75	57.55	21.8	31.1	97	65	Calm	NNW 1	2	3	------
9	59.10	57.37	23.1	29.9	97	73	Calm	NNW 1	2	4	------
10	57.54	55.62	22.1	29	97	80	Calm	Calm	5	9	6.4
11	54	55.22	24.8	30.5	86	65	SE 3	SSE 2	10	8	3.3
12	56.83	56.50	25.5	32.6	80	62	SE 2	SSE 1	4	5	------
13	58.80	57.71	22.6	30.8	95	70	Calm	WSW 1	3	3	4.6
14	60.37	58.81	22.6	29.9	97	77	Calm	NW 1	6	4	------
15	60.61	58.71	21.8	30.6	96	70	Calm	WNW 1	1	1	------
16	59.72	58.06	21.4	30.2	95	67	EbyN 1	NNW 1	1	1	------
17	58.47	57.76	22.6	30.2	96	69	Calm	NNW 1	3	6	.3
18	59.74	58.91	23	31.4	82	60	ESE 1	NW 1	1	2	------
19	60.59	59.36	19.3	30.2	83	66	Calm	W 2	1	2	------
20	60.58	58.92	22.6	30.4	83	67	NE 1	WNW 1	1	3	------
21	59.55	58.22	23.4	31	85	65	Calm	WNW 1	4	4	------
22	58.12	57.08	23.9	30.5	77	70	Calm	WNW 1	2	5	4.6
23	58.65	56.68	22.6	30.8	90	68	Calm	WNW 1	3	4	.8
24	57.60	56.37	23.4	29.2	85	76	Calm	NNW 1	3	8	------
25	56.65	54.93	22.5	30.3	95	70	Calm	WbyN 1	3	4	------
26	55.43	54.77	22.5	30	96	77	Calm	NNW 1	2	7	4.6
27	56.64	55.61	24.4	28	92	85	Calm	NbyE 1	8	9	------
28	57.34	56.55	22.7	28.8	97	78	Calm	Calm	5	5	8.2
29	58.10	57.08	22.7	30.5	97	71	Calm	WNW 1	5	6	8.4
30	59.16	57.62	23.1	30.5	97	68	Calm	NW 1	7	8	------
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	58.18	56.96	23	30	91.6	72.2	0.5	1.1	4.1	5	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	126.4

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.38	57.92	22.7	30	93	67	Calm	WNW 1	2	8	0.3
2	59.43	58.87	23.5	26.4	84	76	SE 1	Calm	10	10	1
3	58.76	57.91	23.6	29.7	78	63	ESE 1	NNW 1	3	7	------
4	58.88	57.55	23.3	30.5	72	58	ESE 1	NW 1	3	3	------
5	58.08	57.02	20.7	29.5	91	61	Calm	NNW 1	4	7	------
6	56.95	54.75	20.1	29.5	94	64	Calm	NNW 2	4	7	.3
7	52.12	48.74	22.6	25.3	95	93	Calm	NbyW 3	10	10	21.1
8	47.42	50.81	25.9	24.2	79	91	ESE 6	SSE 1	10	10	16.8
9	55.20	55.33	25.2	27.3	86	73	SSE 1	SSW 2	7	7	------
10	57.32	56.67	24.3	30.1	87	74	Calm	WNW 1	7	4	50.8
11	57.20	56.27	22.8	28.9	97	73	Calm	WNW 1	10	10	------
12	57.02	55.75	23.5	30	96	73	Calm	WbyN 1	10	9	------
13	56.82	55.57	22.9	29.7	97	75	Calm	W 1	6	6	------
14	56.87	55.94	23	27.4	97	84	Calm	Calm	9	10	1.8
15	57.72	56.75	23.8	28.9	97	76	Calm	NW 1	7	8	------
16	58.48	57.43	23.1	30.3	97	69	Calm	NW 1	7	5	------
17	59.43	57.20	22.9	30.7	97	67	Calm	NNW 2	3	4	------
18	59.31	58.33	22.1	29.3	96	68	Calm	Calm	1	7	------
19	59.89	59.27	22.6	30	71	60	ESE 1	NW 1	5	4	------
20	60.59	59.56	24.6	28.9	66	63	Calm	NW 1	10	7	------
21	60.71	59.77	21.7	29.5	91	67	Calm	NNW 1	3	4	------
22	59.78	58.63	21.1	28.9	96	68	Calm	NNW 1	3	6	------
23	59.63	59.15	21.3	29.3	80	62	Calm	NW 1	3	5	------
24	60.19	59.21	21.9	29.1	79	62	Calm	W 1	4	7	------
25	60.08	58.28	21.7	29.8	92	68	Calm	NW 1	2	8	------
26	58.89	58.06	21.3	30.2	95	59	Calm	NW 1	7	7	------
27	58.91	56.15	21.5	30.8	96	65	Calm	NNW 1	2	3	------
28	57.14	55.58	22.4	29.8	96	74	Calm	WNW 1	1	5	------
29	56.80	56.18	22.9	31	97	67	Calm	WNW 1	2	6	------
30	58.37	57.55	22.4	30.2	97	72	Calm	NW 1	3	3	------
31	59.22	57.87	22.6	30.4	96	72	Calm	NW 1	3	8	------
Mean	57.95	56.91	22.7	29.2	89.8	69.8	0.4	1.1	5.2	6.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	92.1

SAN FERNANDO, UNION.

[ϕ=16° 37′ N; λ=120° 19′ E; barometer above sea, 3 meters; gravity correction not applied, —1.65 mm.]

Day.	JANUARY.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.65	59.73	19.8	29.6	91	56	Calm	N 3	2	1	------
2	61.29	59.65	19.1	29.2	94	57	Calm	NNW 2	1	1	------
3	60.48	60.17	19	29.3	95	66	Calm	NW 2	1	1	------
4	61.29	60.50	19.4	28.8	91	68	Calm	NW 1	2	6	------
5	60.78	59.92	20.3	30.2	93	67	Calm	NW 1	3	6	------
6	60.98	59.77	23.5	29.5	91	70	Calm	NW 4	3	6	------
7	60.06	59.83	24.5	26.4	94	69	Calm	N 5	3	6	------
8	60.54	59.82	22.5	28.4	77	70	NE 2	NW 3	3	3	------
9	60.47	59.47	19.5	30	93	60	SE 1	NW 2	2	1	------
10	60.87	60.42	19.8	29.4	94	62	Calm	N 3	3	2	------
11	61.80	61.12	20.8	29.7	94	61	Calm	N 4	6	1	------
12	61.30	60.90	19.5	29.3	94	62	Calm	NNW 3	2	1	------
13	62.17	61.75	20	30.2	91	58	Calm	WSW 2	7	1	------
14	62.33	61.96	20.9	28.5	92	64	Calm	NNW 1	3	8	------
15	62.59	62.21	20.6	28.8	94	62	Calm	NW 1	5	3	------
16	63.73	63.37	20.3	29.4	93	61	Calm	WNW 3	2	2	------
17	63.96	62.56	22	28.8	91	62	Calm	SSW 1	2	3	------
18	63.68	62.93	20	27.5	94	70	Calm	W 1	2	6	------
19	62.52	60.71	20.8	30	91	57	Calm	NW 2	7	1	------
20	61.27	59.45	20	29.5	94	60	Calm	NW 3	9	1	------
21	61.34	59.90	20.1	29.4	90	67	Calm	NW 3	1	1	------
22	61.64	60.53	21.5	29.6	92	69	Calm	NNW 4	2	2	------
23	61.14	60.02	21.4	29.6	95	67	Calm	N 3	3	2	------
24	60.61	59.57	22.6	29	89	60	Calm	WNW 2	8	3	------
25	61.52	60.55	21.2	29.2	93	66	Calm	NW 2	2	1	------
26	61.19	60.21	22	29.2	93	70	Calm	NW 2	8	7	------
27	60.97	59.62	21.8	29.6	95	70	Calm	NNW 2	2	2	------
28	60.34	59.63	21.7	30.1	92	64	Calm	NW 4	1	1	------
29	60.46	59.76	21	30.5	93	63	Calm	N 2	1	1	------
30	60.37	60.33	23.4	28.6	90	70	Calm	NW 1	9	9	------
31	61.08	59.85	22.8	32	88	52	Calm	SW 2	6	3	------
Mean	61.40	60.52	21	29.3	92	63.9	0.1	2.4	3.6	3	------
Total	------	------	------	------	------	------	------	------	------	------	0

Day.	FEBRUARY.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.13	60.57	23.2	29.5	95	65	W 0	NW 2	4	2	------
2	60.33	59.10	20.7	31.5	94	51	Calm	SW 1	2	1	------
3	59.02	58.17	21	31.6	95	54	Calm	SW 1	7	2	------
4	59.28	59.01	20.8	29.5	93	66	Calm	SW 2	1	1	------
5	60.61	59.37	23.5	30.5	89	60	Calm	W 1	4	2	------
6	60.48	59.43	22.1	29.6	90	67	Calm	WSW 2	9	2	------
7	59.61	58.69	21.5	31.9	90	49	Calm	SW 2	3	2	------
8	60.32	59.78	21.4	30.5	92	57	Calm	NW 1	2	3	------
9	60.82	60.05	21.4	31	91	53	Calm	WNW 1	3	4	------
10	60.29	58.70	20.2	30.6	81	62	Calm	NNW 2	3	2	------
11	59.59	58.83	21.7	30	89	65	Calm	NW 1	3	4	------
12	59.72	59.41	22.7	31	89	61	Calm	N 3	3	3	------
13	59.91	58.97	24.5	31	79	56	Calm	NNW 2	8	2	------
14	60.14	60	21.6	30.3	89	67	Calm	NNW 1	2	2	------
15	61.93	61.16	21.1	31.4	92	52	Calm	NW 1	2	2	------
16	62.03	60.77	22.5	30.7	74	50	Calm	WNW 1	2	2	------
17	61.87	60.55	21.4	30.6	89	48	Calm	NW 1	8	3	------
18	60.74	60.42	20	30.6	89	55	Calm	W 2	3	3	------
19	61.82	61.52	21.1	29.6	90	61	Calm	NNW 3	3	4	------
20	61.32	60.66	19.2	29.6	92	63	Calm	N 5	3	5	------
21	61.04	60.43	20.4	29.5	95	63	Calm	NW 2	4	7	------
22	61.19	60.72	22.5	28.5	87	70	Calm	W 1	1	8	22.4
23	61.42	60.67	23	30	88	54	Calm	SW 1	6	5	------
24	61.48	60.57	21	30.8	93	51	Calm	W 1	3	3	------
25	61.52	59.92	20.6	32.5	90	39	Calm	W 1	2	2	------
26	61.24	60.16	20.5	31.8	91	44	Calm	W 1	2	4	------
27	60.97	60.31	20.5	30	91	61	Calm	NW 1	3	4	------
28	61.43	59.82	23	30.5	83	56	Calm	NW 1	3	4	------
29	------	------	------	------	------	------	------	------	------	------	------
30	------	------	------	------	------	------	------	------	------	------	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	60.76	59.92	21.5	30.5	89.3	57.1	0	1.6	3.5	3.1	------
Total	------	------	------	------	------	------	------	------	------	------	22.4

Day.	MARCH.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	60.84	60.42	20.8	29.9	87	64	Calm	N 1	2	3	------
2	62.04	61.40	21	29.5	93	66	Calm	NW 1	3	4	------
3	61.74	60.27	21.8	32.5	88	51	Calm	SSW 2	4	2	------
4	62.36	61.68	23.3	31	90	62	SSE 1	NW 2	5	3	------
5	62.76	61.25	22.2	30.5	89	66	Calm	NW 2	6	3	------
6	61.56	59.65	21.6	32.4	90	52	Calm	SW 2	1	2	------
7	60.78	60.56	23.8	31.1	90	61	Calm	N 1	2	3	------
8	61.69	61.28	21.4	30.6	89	64	Calm	NW 3	3	2	------
9	62.06	60.47	22.1	31.6	83	61	Calm	NNW 2	4	3	------
10	62.54	61.65	23	30.8	88	64	Calm	NW 3	8	2	------
11	61.87	60.17	21	31.2	83	60	Calm	NNW 2	2	2	------
12	59.86	58.07	23	33.1	90	49	Calm	SW 2	2	2	------
13	60.02	59.46	22.9	31	85	63	Calm	WSW 3	2	2	------
14	60.96	59.90	21.5	31.2	88	57	Calm	NW 1	3	8	------
15	61.27	60	22.6	31.2	89	64	Calm	NW 1	7	3	------
16	60.87	60.30	21.5	31	94	59	Calm	NW 1	3	2	------
17	61.09	60.18	23.4	31.2	91	71	Calm	NW 3	3	2	------
18	61.08	60.80	21.8	30	94	68	Calm	NW 3	6	8	------
19	62.20	61.96	24.8	28.7	87	74	Calm	NNW 3	9	6	2.5
20	61.79	60.18	24	30.5	88	65	Calm	NW 2	9	3	------
21	60.52	59.55	23	31	88	65	Calm	WSW 2	5	3	------
22	59.67	59.06	23.4	30.9	88	66	Calm	NW 2	8	7	------
23	60.54	59.99	23	31.6	87	62	Calm	NNW 2	6	2	------
24	61.63	60.75	26	31.5	84	66	Calm	NW 2	5	2	------
25	61.15	59.97	24.5	30	84	68	Calm	NNW 5	5	3	------
26	60.07	59.15	24.8	31	85	63	Calm	NW 2	10	2	------
27	60.22	59.50	22.4	30.6	89	59	Calm	NW 3	3	6	------
28	60.45	59.85	24.2	30.4	86	59	Calm	NNW 3	7	9	------
29	61.01	60.53	22.5	31.6	87	61	Calm	NW 3	4	2	------
30	61.27	59.92	24	32.6	83	59	Calm	NNW 3	2	3	------
31	60.20	59	24.2	33.2	85	53	Calm	NNW 2	3	3	------
Mean	61.16	60.22	22.9	31.1	87.8	62	0	2.2	4.6	3.5	------
Total	------	------	------	------	------	------	------	------	------	------	2.5

Day.	APRIL.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.61	58.17	23.9	32.6	84	55	Calm	WNW 2	6	3	------
2	58.67	57.54	26	32.6	79	63	Calm	NNW 4	4	3	------
3	59.05	58.52	24.6	32.2	85	65	Calm	W 3	3	2	------
4	59.31	58.36	24.5	33	83	62	Calm	NW 2	5	6	------
5	60.10	59.34	25	32.7	87	62	Calm	N 4	4	2	------
6	60.80	59.26	25.5	33.4	83	62	Calm	WNW 3	8	3	------
7	61.11	61.18	24.5	32	91	61	Calm	N 5	6	5	------
8	60.70	58.86	23.5	32	84	55	Calm	NW 2	6	3	------
9	61.01	59.57	23	33.3	83	51	Calm	NW 2	4	2	------
10	61.10	59.17	23.7	33	83	60	Calm	NW 2	3	2	------
11	59.35	57.99	23.6	33.5	82	57	Calm	NW 2	3	2	------
12	59.97	58.26	25.5	34	86	53	Calm	NNW 2	4	4	------
13	60.92	59.85	25	32.5	89	62	Calm	NNW 2	3	2	------
14	60.35	59.15	23.5	34.2	80	52	Calm	NW 1	3	2	------
15	59.51	57.99	25.5	35	81	52	SE 1	W 3	6	2	------
16	59.16	57.79	26.1	32.1	87	71	Calm	NW 2	10	6	1.3
17	58.03	56.02	24.4	34.4	84	54	Calm	W 3	7	3	------
18	58.17	57.25	26.5	34.3	80	54	S 1	NNW 2	9	6	7.4
19	59.12	58.54	25.5	33	88	55	Calm	NW 2	1	6	------
20	60.25	59.06	23.6	33.3	86	51	Calm	NNW 2	1	1	------
21	60	58.45	25	33.8	80	60	Calm	W 1	1	2	------
22	59.93	58.60	25.9	35.8	73	42	Calm	WSW 2	1	6	------
23	59.68	59.20	24.4	34.6	82	51	Calm	NNW 3	1	2	------
24	60.58	59.09	23.2	33.5	81	53	Calm	WNW 3	4	2	------
25	59.95	58.11	23.1	33.6	85	58	Calm	NNW 4	2	4	------
26	59.26	58.05	23.4	33.2	85	58	Calm	WNW 1	1	2	------
27	58.68	57.19	25	34.6	83	51	Calm	NNW 1	2	2	------
28	58.55	58.11	24.5	33.6	79	58	Calm	NW 1	3	4	------
29	58.55	57.16	26.3	33.8	78	68	Calm	NW 3	3	5	------
30	58.03	56.71	27	34.5	80	58	Calm	W 3	1	6	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	59.65	58.42	24.7	33.5	83	57.1	0.1	2.4	3.8	3.3	------
Total	------	------	------	------	------	------	------	------	------	------	8.7

The barometric readings of this station seem to be somewhat low.

SAN FERNANDO, UNION.

[ϕ=16° 37′ N; λ=120° 19′ E; barometer above sea, 3 meters; gravity correction not applied, —1.65 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.77	56.99	26.9	33	79	64	Calm	WNW 2	7	2	------	56.83	56.62	26	33.3	94	64	Calm	W 1	8	5	------
2	57.55	56.48	26.7	33.5	83	63	Calm	NW 2	7	3	------	58.22	58.30	25.9	31.5	91	69	Calm	NNW 2	7	5	------
3	57.01	55.96	24.5	32.3	84	63	Calm	W 3	8	5	------	58.88	57.37	24.7	34.3	91	60	Calm	WNW 1	2	2	------
4	56.40	55.66	25.8	34.8	79	52	Calm	W 3	6	6	------	58.24	56.61	24.7	33.5	91	55	Calm	W 1	4	2	------
5	56.70	56.28	26.5	33.1	79	54	Calm	NW 3	7	8	0.5	57.14	56.36	24.5	32.8	92	64	Calm	SSW 1	2	7	------
6	57.31	56.60	25	35	83	49	Calm	NW 2	1	6	7.1	57.96	57.12	25.3	33.5	93	61	Calm	WNW 2	4	4	------
7	57.28	56.67	24.5	32	94	65	Calm	WNW 1	6	8	------	58.47	57.16	25.1	33.5	91	61	Calm	N 1	7	6	------
8	57.06	56.49	25	33.2	83	60	Calm	NW 2	7	5	------	57.74	55.87	24.8	33.5	89	58	Calm	WNW 2	2	3	------
9	57.14	56.51	25.5	33.9	77	51	Calm	NW 2	8	6	------	56.18	55.09	24.5	35.1	90	50	Calm	NW 1	6	5	------
10	56.87	55.70	26.7	35.6	75	39	Calm	WNW 1	7	3	------	56.26	55.52	26.2	33.5	78	57	Calm	WNW 1	8	7	------
11	57.11	56.33	26.9	34	83	62	Calm	W 2	7	3	------	56.82	55.81	24.3	33.8	89	53	Calm	NNW 1	8	4	------
12	57.12	56.25	25	34	87	62	Calm	NW 3	3	2	------	56.48	56.04	25.4	34.2	88	55	Calm	WNW 1	7	7	13.5
13	57.67	56	26.5	35.7	84	54	Calm	W 2	5	3	------	57.01	56.14	25	33.9	94	62	Calm	W 1	10	9	5.1
14	56.72	55.38	27.8	36.5	74	52	E 1	SSW 2	3	3	10.4	57.19	56.09	25.3	33.4	93	62	Calm	NW 1	8	5	4.6
15	56.87	56.55	24.8	30.5	93	72	Calm	SW 2	10	10	------	56.98	56.42	25.3	33.5	93	58	Calm	WNW 1	4	4	------
16	56.89	56.01	25	33	90	67	Calm	W 2	9	4	------	57.74	57.86	25.3	33.3	94	63	Calm	NW 1	4	5	------
17	56.67	56.03	26.4	34.7	89	65	Calm	WSW 3	6	7	------	58.03	56.87	26.2	33.2	86	67	Calm	WNW 2	4	5	------
18	57.51	56.71	25.7	32.7	90	62	Calm	SW 3	5	8	2.3	57.39	55.70	25.2	36.3	90	53	SE 1	WSW 1	4	4	------
19	58.61	58.15	25.8	31.7	85	72	Calm	S 3	9	8	------	56.52	55.57	26.6	34	84	62	S 1	SSE 1	5	6	19.8
20	57.57	56.47	26.1	31.6	88	65	Calm	SW 3	9	7	------	56.72	55.34	25.1	32.6	95	63	Calm	W 2	4	6	6.4
21	56.28	55.67	26.1	33.5	83	58	Calm	SW 2	8	7	------	56.68	56.14	23.9	33.1	95	63	Calm	SW 1	6	3	------
22	56.27	55.36	27.2	35.2	79	51	Calm	W 2	10	4	112.5	57.26	56.30	24.5	32.9	92	61	Calm	WNW 1	2	3	------
23	56.55	55.10	26	32.6	88	68	S 1	SW 3	7	9	133.3	56.68	56.12	26	32.5	87	62	Calm	W 2	2	3	------
24	57.22	56.09	24	31.5	97	66	Calm	WSW 1	6	9	35.3	56.37	55.32	25.5	32.5	92	66	Calm	WSW 2	3	8	4.3
25	57.70	56.91	24.5	30	94	89	Calm	ESE 1	6	10	37.9	57.06	55.34	25.2	34.2	94	55	Calm	WNW 1	4	5	------
26	57.79	56.34	25.4	33.5	93	62	SSE 1	SW 3	7	4	------	56.67	55.74	26.2	31.5	90	69	Calm	SW 1	3	7	------
27	56.98	56.99	25.6	33.5	83	56	Calm	S 1	7	7	------	56.07	54.45	26	32.3	92	68	Calm	SSW 2	9	8	7.6
28	58.05	58.26	26.9	27.5	74	84	Calm	N 2	7	10	6.6	56.02	56.41	26.5	28.5	82	80	Calm	SSW 3	4	9	1
29	58.13	57.06	24.5	32.5	96	66	Calm	W 1	7	4	------	56.53	56.32	25.6	34	84	56	S 1	SSW 2	5	5	4.6
30	57	56.17	26.7	32.2	85	65	SSE 1	WNW 1	4	9	------	56.53	57.21	25.5	26.7	85	90	S 1	S 1	4	10	45.5
31	56.37	55.17	25.5	32.1	94	66	Calm	SW 1	9	8	------	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	57.17	56.33	25.8	33.1	85.3	62.1	0.1	2.1	6.7	6.1	------	57.09	56.24	25.3	33	90	62.2	0.1	1.4	5	5.4	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	345.9	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	112.4

Day.	JULY.											AUGUST.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.29	56.25	24.9	32.6	91	66	Calm	SSW 2	10	9	23.9	53.72	53.26	26	31.9	87	64	SSE 2	SSW 2	10	10	3.2
2	55.09	55.72	25.4	30.5	84	72	S 1	SSW 1	10	10	22.6	55.09	54.75	26.8	28.3	85	90	S 3	SW 3	9	10	------
3	54.79	54.77	26.2	31.3	79	70	SSW 1	SSW 1	7	10	------	55.49	55.36	26	27.4	87	89	SSE 1	Calm	10	10	11.2
4	56.47	56.40	27	33.2	81	66	Calm	SSW 1	6	4	------	55.43	55.33	26.1	28.4	93	82	Calm	SE 2	10	10	14
5	57.44	57.67	25	31.5	92	69	Calm	Calm	3	6	------	55.54	55.88	26.5	26.5	84	90	Calm	SSE 1	10	10	26.4
6	57.99	57.22	25.6	33.3	95	62	Calm	SW 1	5	3	------	56.10	55.72	24.3	30.8	92	71	Calm	S 1	9	10	21.6
7	57.76	56.99	25.3	33.6	93	66	Calm	NW 2	4	6	7.1	56.72	57.15	24.4	25.4	87	88	Calm	SSE 1	7	10	56.4
8	59.30	57.49	26.1	34	93	60	Calm	S 1	7	4	.8	56.04	55.02	23	30.5	96	78	SE 2	SW 1	10	9	9.6
9	59.32	58.82	25.5	31.6	95	68	Calm	WSW 1	5	5	------	54.34	54.86	26.3	28.8	91	86	Calm	WSW 1	7	10	11.4
10	59.87	58.60	24.8	33.5	92	67	Calm	WSW 1	5	5	------	55.16	55.67	26	29.5	89	80	Calm	S 1	8	10	39.4
11	58.50	58.11	25.5	30.5	89	80	Calm	Calm	2	6	------	56.68	56.90	26.3	26.8	82	82	Calm	SE 1	9	10	54.8
12	58.32	56.97	24.5	33.7	92	65	Calm	W 2	1	4	17	56.90	56.15	24.5	25.5	96	92	SE 1	S 1	10	10	44.1
13	57.62	56.45	24.8	32.5	88	66	Calm	W 1	6	3	1.8	55.13	55.53	25.1	26.5	84	88	Calm	S 3	10	10	.5
14	56.85	56.58	24.7	27.8	92	82	Calm	SE 1	8	10	3.8	55.64	56.01	24.4	29.5	91	70	Calm	S 3	10	10	------
15	56.73	57.42	24.4	26.8	96	90	Calm	Calm	7	10	5.6	56.10	56.97	25.4	29	91	81	Calm	S 3	7	10	------
16	57.43	57.57	24.5	31.2	92	71	Calm	W 1	10	8	5.3	57.89	57.07	24.8	31.5	97	74	Calm	WNW 2	3	3	------
17	57.27	56.91	24.2	32.1	85	60	Calm	WNW 1	8	6	------	57.65	55.65	25.5	31.8	96	70	Calm	WNW 2	7	5	5.6
18	56.93	55.66	23.4	33	93	58	Calm	WSW 1	2	5	2.3	55.47	54.42	24.5	31.5	96	72	Calm	NW 1	6	8	.8
19	55.67	54.52	23.5	33	96	59	Calm	W 1	3	3	18.8	54.82	53.43	24	32	96	71	Calm	NW 2	7	5	------
20	55.74	55.01	24.8	31.5	95	69	Calm	W 1	10	7	------	54.67	53.23	26	32.2	85	66	Calm	W 1	7	7	15
21	56.09	55.79	24.6	32.8	95	65	Calm	W 1	5	7	2.8	55.10	54.73	24.3	28.6	96	82	SSE 1	Calm	10	10	5.6
22	57.29	56.77	25.5	33	91	65	Calm	SW 2	7	5	18.8	55.15	55.88	25	28.5	92	77	Calm	S 1	10	10	.8
23	58.04	56.92	25.3	30.9	96	62	Calm	WNW 1	10	6	4.1	54.77	55.49	25	26.5	91	90	Calm	S 1	8	10	7.9
24	56.16	54.42	25.2	29.2	87	75	SE 1	WNW 1	8	10	4.7	55.47	54.99	24.4	25	93	96	Calm	SSE 1	10	10	99.5
25	54.35	53.13	25.5	31.5	84	70	SE 1	WSW 2	10	7	108	55.35	55.64	24.6	30	82	78	Calm	SSE 1	8	7	6.5
26	53.34	53.22	24	29	95	80	Calm	S 2	9	9	54.9	56.82	57.18	24.9	30.5	89	73	Calm	S 1	10	9	------
27	52.52	51.88	23.5	29.8	97	73	Calm	SSW 1	8	8	8.6	58.56	57.96	24.4	33	92	66	Calm	WSW 1	8	4	------
28	51.76	51.14	24.9	26.4	92	92	SE 1	SSW 1	8	10	64.5	58.52	58.17	24.9	30	87	77	Calm	NW 1	1	9	------
29	49.89	48.79	24.3	29.8	94	79	Calm	SW 1	10	9	7.1	58.56	57.74	23.1	31.3	95	67	Calm	NW 2	1	1	------
30	49.48	49.33	25.3	31.1	96	69	SSW 1	SSW 3	10	10	3.5	58.07	57.62	23.5	32	94	72	Calm	NW 2	5	6	------
31	50.88	51.89	26.4	26.7	80	84	S 2	SSW 3	10	10	4.3	57.22	56.50	24.3	31.6	97	70	Calm	NW 2	6	8	18.3
Mean	56.01	55.43	25	31.2	91	70.3	0.3	1.2	6.9	6.9	------	56.07	55.81	25	29.4	90.7	78.4	0.3	1.5	7.8	8.4	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	390.3	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	452.6

SAN FERNANDO, UNION.

[ϕ=16° 37′ N; λ=120° 19′ E; barometer above sea, 3 meters; gravity correction not applied, —1.65 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10.	0-10.	mm.
1	56.12	55.86	24	30.5	95	74	Calm	WNW 2	10	10	38.6
2	56.33	55.37	23.5	27.8	96	82	Calm	W 1	10	10	20.8
3	56.52	55.37	24.2	27.5	97	85	Calm	S 1	10	10	46.1
4	55.30	54.13	24.1	31.2	96	71	Calm	SSW 1	7	6	18
5	54.62	53.77	24.8	31.2	97	71	Calm	W 1	5	4	15.5
6	54.22	53.85	25.4	28.4	93	78	Calm	WNW 1	8	10	2.3
7	53.09	52.52	25	27	95	90	Calm	Calm	9	10	45.5
8	52.58	51.24	24.9	31.4	91	70	Calm	SW 1	9	5	36.3
9	52.64	52.24	24.5	28.4	96	87	Calm	NNW 1	9	7	4.3
10	53.38	53.40	25	29	92	74	S 1	SW 2	10	10	16.6
11	54.43	54.20	24.9	30.8	83	70	Calm	S 1	10	4	------
12	54.60	53.96	24.3	33	93	70	Calm	WSW 1	9	2	17
13	55.47	54.90	25.3	32	96	69	Calm	W 1	9	2	16.5
14	56.15	55.68	25	31.5	95	74	S 1	S 1	5	4	------
15	56.57	56.27	24.1	32.5	94	60	Calm	WNW 1	3	4	------
16	58.14	57.41	25.2	30.3	90	70	SE 1	W 1	7	10	------
17	58.86	58.17	24.7	28.3	96	86	Calm	Calm	5	9	17.3
18	57.77	57.23	24.7	32.9	97	73	Calm	Calm	1	3	------
19	56.98	56.17	24.6	30.8	95	73	Calm	WSW 1	9	9	------
20	57.49	56.15	25	30.9	96	69	Calm	WNW 1	8	8	3.3
21	57.85	57.28	24.9	31.4	97	72	Calm	W 1	9	7	3.2
22	57.62	57.02	23.6	32	94	65	Calm	W 1	7	2	------
23	57.93	56.36	23.6	32	97	71	Calm	NW 1	1	3	------
24	57.07	56.31	24.6	32	95	66	Calm	SSW 1	3	6	------
25	57.29	57.06	25.6	32.9	93	61	Calm	SSW 1	5	3	14
26	57.80	56.82	24.3	31.9	97	69	Calm	S 1	9	5	------
27	57.58	57.30	24.5	31.9	95	70	Calm	W 1	4	3	------
28	57.82	57.46	24.6	29.8	93	70	Calm	Calm	6	8	------
29	57.63	56.77	22.8	32.5	95	67	Calm	WSW 1	3	5	.8
30	58.64	58.10	22.8	32	97	64	Calm	WNW 1	6	7	34
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	56.28	55.61	24.5	30.8	94.5	72.4	0.1	0.9	6.9	6.2	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	351.6

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10.	0-10.	mm.
1	59.50	58.11	23	32	95	66	Calm	SW 1	5	4	------
2	57.87	55.71	24.5	32.7	97	71	Calm	NNW 1	3	7	------
3	55.85	53.82	24.8	31	97	73	Calm	W 1	7	9	------
4	55.20	54.37	24.5	32	96	65	Calm	Calm	10	3	10.4
5	55.05	54.31	24.5	31.7	96	65	Calm	WNW 1	3	2	22.4
6	54.44	53.35	24.3	32	97	67	Calm	SW 1	4	2	7.4
7	53.97	53.16	24	32	96	66	Calm	W 1	7	6	------
8	54.25	53.86	24.1	30	97	77	Calm	Calm	6	10	1.5
9	54.75	53.96	23.4	30.5	97	75	Calm	Calm	7	7	------
10	55.62	55.47	24.6	31.2	91	72	Calm	SSW 1	6	8	50.8
11	58.67	58.34	23.5	31.5	97	69	Calm	N 2	10	8	.5
12	59.40	57.67	24	32	97	70	Calm	NW 1	6	7	11.7
13	57.68	56.06	23.5	29.4	97	80	Calm	W 1	10	9	2.7
14	56.19	55.50	23.5	29.7	98	79	Calm	SSW 2	8	10	1
15	56.22	55.51	24.3	31.1	97	71	Calm	Calm	9	9	.8
16	57.02	56.21	24.4	32.2	97	68	Calm	W 1	10	5	14
17	57.77	56.42	24	31.6	97	72	Calm	NW 2	10	5	------
18	57.77	56.60	24	32	96	65	Calm	N 3	4	2	------
19	56.98	56.46	23.8	31.5	97	72	Calm	W 1	2	7	------
20	58.35	56.70	24.5	32.1	96	68	Calm	WNW 1	3	2	------
21	57.77	56.31	23.9	30.7	97	71	Calm	Calm	6	9	------
22	56.88	55.62	23	31.3	97	71	Calm	WNW 1	4	10	------
23	54.48	52.13	23.4	30.1	95	75	Calm	Calm	9	10	2.8
24	48.43	46.83	25.5	30	84	74	Calm	Calm	10	10	1.8
25	47.26	48.28	25	30	88	61	Calm	S 3	10	10	------
26	53.08	53.50	24.3	33.5	91	57	Calm	SSW 1	6	6	------
27	56.17	55.37	23.8	29.5	97	80	Calm	WNW 3	7	10	------
28	54.67	52.86	23.9	29.5	95	73	Calm	NNW 7	10	10	10.6
29	51.48	48.36	25.5	25.5	88	92	NNW 9	W 10	10	10	251.6
30	49.82	51.48	24.4	26.5	97	83	SSW 8	SSW 4	10	10	30.5
31	53.74	54.42	23.8	30.1	81	75	S 1	SbyW 3	10	9	------
Mean	55.37	54.41	24.1	30.8	94.8	71.7	0.6	1.7	7.2	7.3	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	420.5

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10.	0-10.	mm.
1	57.91	57.29	22.9	29.5	97	71	Calm	NW 1	7	10	------
2	58.68	57.23	24	30.6	97	74	Calm	NW 1	9	3	------
3	56.16	50.40	23.2	27.8	98	86	Calm	NbyW 3	8	10	5.6
4	49.04	53.02	-----	31.4	-----	57	SSE 7	SSE 5	10	10	------
5	57.91	56.95	26.5	32.5	80	66	Calm	SW 1	10	2	------
6	58.32	56.32	24	30	96	75	Calm	Calm	4	6	------
7	57.88	56.77	23	30.7	96	69	Calm	WNW 1	3	3	------
8	58.36	57.38	22.5	30.8	97	69	Calm	WNW 1	3	2	------
9	58.44	57.02	23.9	30.8	97	73	Calm	NW 1	9	3	------
10	57	55.13	24.3	29.8	94	75	Calm	Calm	6	10	8.6
11	54.70	55.67	24.4	27.5	93	79	Calm	Calm	10	10	1
12	57.09	56.62	23	31.4	97	56	Calm	Calm	10	8	11.2
13	58.49	57.70	22.2	30.5	98	72	Calm	NW 1	8	5	------
14	60.11	58.65	23.3	30	94	78	Calm	NW 2	5	5	------
15	60.12	58.81	23.3	30.5	97	70	Calm	NW 1	6	2	------
16	59.42	57.76	22.7	30.5	94	68	Calm	WNW 1	5	6	------
17	58.02	57.56	22.1	30.2	96	70	Calm	W 1	5	3	------
18	59.91	58.77	22.5	29.7	96	68	Calm	W 1	1	2	------
19	60.34	59.43	21.5	30.2	95	60	Calm	WNW 1	6	2	------
20	60.66	58.87	21.7	30.8	94	60	Calm	SW 1	9	2	------
21	59.18	58.13	23.1	31	95	59	Calm	WSW 1	2	3	------
22	58.29	57.49	22.5	30.5	91	65	Calm	NW 1	8	10	------
23	58.34	56.71	22.8	30	97	69	Calm	WNW 1	2	4	------
24	57.20	55.97	23.5	31	94	65	Calm	WNW 1	4	5	------
25	56.33	54.78	23.6	30.3	95	70	Calm	W 1	5	6	------
26	55.25	54.41	24	30.7	96	72	Calm	SW 1	4	6	1.8
27	56.32	55.37	24.5	30.5	97	74	Calm	NW 1	10	8	2
28	56.90	56.23	23.4	30.5	97	72	Calm	NW 2	6	5	------
29	57.74	57.13	23	28.5	97	78	Calm	N 1	4	10	------
30	58.57	57.74	24.2	27.6	95	81	Calm	Calm	10	10	1.5
31	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	57.76	56.71	23.3	30.2	95.2	70	0.2	1.1	6.3	5.7	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	31.7

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0-10.	0-10.	mm.
1	59	57.81	21.3	29.8	97	69	Calm	WNW 1	6	6	------
2	58.92	58.36	23.5	27.3	97	81	Calm	Calm	10	10	1.1
3	58.56	57.68	22.5	29.1	96	68	Calm	Calm	7	9	------
4	58.58	57.36	22	29.6	96	63	Calm	WNW 1	8	2	------
5	57.76	56.65	22	30.3	96	63	Calm	SSW 1	10	8	------
6	56.69	54.47	21.3	28.3	95	64	Calm	NW 1	9	10	------
7	51.09	48.95	25.5	27.9	84	80	NE 1	NE 5	10	10	------
8	48.93	50.83	25.2	27.6	94	86	Calm	Calm	10	10	1.3
9	53.72	53.65	25.5	32.5	83	59	SSW 1	S 5	6	4	------
10	57.05	56.45	24.1	30	94	71	Calm	NNW 3	9	4	------
11	56.69	56.05	23.9	27.5	94	81	Calm	Calm	10	10	------
12	56.30	55.36	22.8	29.8	97	75	Calm	W 1	10	8	------
13	56.23	54.94	24	29.5	96	76	Calm	NW 2	9	6	------
14	56.34	55.68	25	28	95	81	Calm	NNW 1	10	10	------
15	56.99	56.33	23.5	30.2	96	70	Calm	W 1	5	6	------
16	58.14	57.07	23.8	-----	95	-----	Calm	Calm	10	7	------
17	59.12	57.67	23.2	29	97	71	Calm	N 6	4	5	------
18	58.77	58.21	22.9	27.8	97	75	Calm	WSW 1	7	10	------
19	59.51	59.08	22.2	28.8	95	63	Calm	WSW 1	5	5	------
20	60.44	59.51	21.8	27.3	93	75	Calm	Calm	9	9	------
21	60.72	59.83	22.2	29.7	96	70	Calm	NW 1	10	3	------
22	59.42	58.50	20.7	29.2	95	66	Calm	WNW 1	3	7	------
23	59.76	59.27	21.3	28.2	95	66	Calm	WSW 1	4	6	------
24	60.40	59.10	20.6	28.3	94	70	Calm	WSW 1	8	9	------
25	59.92	58.38	22.3	29.9	94	60	Calm	NW 3	7	3	------
26	59.39	58.05	21.5	30.3	95	63	Calm	W 1	6	7	------
27	58.72	56.07	21.6	30.4	96	63	Calm	NW 1	6	2	------
28	56.56	55.37	22	30.8	95	71	Calm	NW 1	3	3	------
29	56.64	56.09	24	29.7	95	75	Calm	NW 1	10	8	------
30	58.10	57.58	23.6	30.7	97	71	Calm	NW 2	5	4	------
31	58.63	57.58	24	29.6	91	72	Calm	Calm	9	10	------
Mean	57.65	56.71	22.9	29.2	94.5	70.1	0.1	1.4	7.6	6.8	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	2.4

ECHAGÜE.

[ϕ=16° 41′ N; λ=121° 39′ E; barometer above sea, 56.1 meters; gravity correction not applied, —1.64 mm.]

JANUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	61.07	59.15	18.3	30.2	95	53	Calm	Calm	3	0	------
2	61.79	59.75	20.7	30	95	53	Calm	Calm	3	1	------
3	61.67	60.47	19	29.8	95	49	SSE 0	Calm	7	1	------
4	62.98	61.46	18.2	28.9	93	52	Calm	Calm	8	9	------
5	62.52	59.92	22	30.6	95	60	Calm	E 1	9	6	------
6	61.29	58.79	20	32.7	95	51	Calm	E 1	3	7	------
7	60.04	58.54	23.6	28.5	97	69	Calm	E 1	10	9	------
8	61.38	60.76	21.1	26.2	86	63	Calm	S 0	10	9	------
9	62.33	60.78	21.5	29.1	95	62	Calm	E 1	9	7	------
10	61.97	60.58	22.3	28.2	96	69	Calm	ESE 1	9	8	------
11	61.77	60.53	18.6	30.2	96	58	Calm	ESE 1	4	1	------
12	61.61	60.37	22.5	30.2	91	54	Calm	E 1	9	0	------
13	63.27	62.54	22	26.1	95	73	Calm	Calm	10	9	2.5
14	64.37	63.76	21.1	25	94	78	Calm	N 2	10	5	1.3
15	65.06	63.91	19.6	24.9	94	79	Calm	NE 1	7	9	1.3
16	65.24	63.76	19	29	96	57	Calm	Calm	9	8	------
17	65.30	63.64	21	27.2	93	63	Calm	E 1	10	9	------
18	64.94	63	20.4	28	98	62	Calm	S 0	8	8	------
19	62.90	59.93	19.7	31.7	95	48	Calm	E 1	9	4	------
20	61.30	58.89	22.7	29.5	94	58	S 0	E 0	9	2	------
21	61.45	59.19	19.3	30.3	96	53	Calm	ESE 1	6	0	------
22	62.48	60.29	20.7	31	96	54	Calm	ENE 0	10	2	------
23	62.23	60.24	22.5	30.1	91	55	Calm	E 1	10	6	------
24	62.30	61.13	20.7	22.9	91	57	NE 1	NNE 2	9	9	------
25	63.67	61.79	20.5	27	93	66	Calm	Calm	10	9	1.8
26	62.34	60.73	21	28.7	95	65	Calm	E 0	1	4	------
27	61.69	59.72	19	29.9	95	60	Calm	Calm	2	8	------
28	60.64	59.31	21.5	31.7	97	47	ENE 0	NEbyE 1	9	3	------
29	61.98	60.74	22.3	27.1	95	65	Calm	NE 2	4	9	------
30	61.99	61.15	21	26.9	95	72	Calm	E 1	10	8	------
31	62.21	59.22	22.2	30.4	92	47	Calm	S 1	8	7	------
Mean	62.44	60.78	20.8	28.8	94.3	59.7	0	0.7	7.6	5.7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	6.9

FEBRUARY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	61.47	60.14	20.8	32	87	48	S 1	E 1	7	1	------
2	60.64	58.11	19.5	32.8	92	45	Calm	SE 1	3	2	------
3	59.47	57.47	20.1	32.3	93	42	Calm	S 2	3	1	------
4	59.18	58.07	18.4	32.1	91	48	Calm	SSE 0	0	1	------
5	61.15	58.58	22.5	33.2	92	47	S 0	ESE 1	9	4	------
6	60.58	58.39	20.7	32.3	94	47	S 0	SE 1	8	3	------
7	60.13	57.88	22	32.9	89	40	SSE 1	S 1	9	3	------
8	61.66	59.20	18.9	33.6	96	40	E 1	SSE 1	2	1	------
9	61.67	59.28	19	33.4	90	41	SSE 1	S 1	9	0	------
10	61.10	58.24	17	32.1	90	45	Calm	E 1	3	4	------
11	59.49	57.70	19	32.2	95	47	Calm	SE 1	3	6	------
12	60.27	58.59	22.5	32.4	88	48	Calm	S 1	7	5	------
13	60.67	59.03	22.5	32.9	90	43	Calm	N 0	10	2	------
14	61.11	60.69?	22	30	88	54	Calm	E 1	9	5	------
15	62.78	60.81	19.5	33.1	95	36	S 1	SE 1	8	2	------
16	62.71	60.32	20	32.1	91	38	S 0	E 1	9	2	------
17	61.29	59.46	18	32.7	88	32	SW 1	E 1	4	2	------
18	61.18	59.41	21	32.8	85	35	SE 1	SW 1	8	2	------
19	61.81	59.75	20.3	32.3	94	40	S 1	ESE 1	5	2	------
20	61.77	60.37	21.7	30.6	85	51	Calm	ESE 0	9	2	------
21	62.37	61.30	21.8	27.1	90	63	Calm	NE 1	10	10	3.8
22	62.14	60.75	21.8	29	93	62	NNE 1	Calm	10	9	------
23	61.91	60.91	20.3	26.1	94	67	S 1	SSW 2	5	9	------
24	62.02	60.12	18.8	33.5	95	35	S 0	Calm	2	5	------
25	62.44	59.87	18	33.8	94	31	Calm	SSE 1	3	1	------
26	62.02	59.59	17	33.1	96	30	Calm	SE 1	2	0	------
27	61.30	59.18	17	33.4	94	30	Calm	E 1	0	1	------
28	62.72	61.17	19.2	28.1	93	58	Calm	N 2	4	9	.5
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	61.32	59.44	20	31.9	91.5	44.4	0.4	0.9	5.8	3.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	4.3

MARCH.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	62.57	61.17	20.5	30.6	88	47	NE 0	Calm	10	5	------
2	62.53	60.61	21	33.3	95	40	Calm	E 1	9	9	------
3	62.40	60.25	20.5	32.3	95	44	Calm	SSE 1	9	5	------
4	62.73	61.48	19	30.5	94	54	Calm	SE 2	5	9	------
5	63.22	60.15	20.6	35.6	89	29	Calm	Calm	6	1	------
6	62.38	59.86	17.1	31.8	89	44	Calm	ESE 1	1	6	------
7	60.96	58.97	20	35.1	91	38	Calm	SSW 0	0	4	------
8	62.28	60.49	20.2	34.8	92	39	Calm	E 1	1	2	------
9	63.53	60.72	21	34.5	93	37	S 1	Calm	1	4	------
10	62.81	59.82	19.5	33.5	86	37	Calm	E 0	2	2	------
11	62.76	59.48	21.6	34.9	90	37	Calm	WSW 1	2	3	------
12	60.52	56.90	19.8	35.4	89	34	Calm	SW 2	1	1	------
13	59.93	57	21.6	35.4	84	34	E 0	EbyS 1	8	6	------
14	61.37	60.07	22.2	31.9	96	46	Calm	N 1	7	8	------
15	63.74	62.76	22.3	26.9	80	62	NNE 1	NE 1	9	9	------
16	62.81	60.27	22.2	30.5	86	52	Calm	Calm	10	8	------
17	60.66	58.88	20.5	35.5	93	38	Calm	N 1	4	6	------
18	62.96	61.65	22.4	28.9	79	54	NbyE 1	Calm	10	9	------
19	63.41	61.38	21.6	29.9	81	49	Calm	Calm	10	9	------
20	63.34	60.83	22.1	29.9	81	51	N 0	E 1	10	9	------
21	61.11	58.86	21.7	33	83	42	Calm	E 1	9	4	------
22	60.05	58.94	22.3	33	87	47	S 0	E 2	4	4	------
23	62.15	59.14	21.6	35.1	88	39	S 0	SE 1	3	5	------
24	61.96	59.27	22.3	35.4	85	38	S 1	Calm	7	4	------
25	61.13	58.56	24.3	35	88	38	Calm	ESE 1	9	4	------
26	60.91	58.97	23.9	31.8	80	47	SSW 0	E 1	10	6	3.3
27	62.52	60.88	22	30.9	88	52	Calm	N 1	10	7	------
28	62.84	60.61	21.3	30.7	84	51	Calm	Calm	9	6	------
29	61.38	59	19.7	35.3	92	36	Calm	SE 1	2	2	------
30	62.42	60.11	23	33.9	91	41	Calm	Calm	9	5	2.8
31	61.06	58.29	22.7	35.8	96	89	Calm	SE 1	0	3	2
Mean	62.08	59.85	21.3	32.9	88.2	43.1	0.1	0.7	6	5.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	8.1

APRIL.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	59.86	56.81	24.3	35.3	87	42	Calm	EbyS 0	9	7	------
2	58.72	56.31	22.4	36.4	97	38	S 0	SE 2	2	4	------
3	59.64	56.91	23.6	37.3	92	38	Calm	ESE 1	5	3	7.1
4	59.54	56.60	25	37.5	92	30	Calm	SW 1	9	7	------
5	60.19	57.75	25.6	36.6	84	39	Calm	SE 0	10	5	13.2
6	60.85	58.02	24.4	36.7	94	27	Calm	SW 1	7	1	------
7	60.61	59.05	20	36.5	87	37	Calm	N 1	2	1	18.3
8	61.99	59.54	24.7	34	89	44	Calm	W 0	9	2	------
9	61.76	59.59	22	35.3	94	36	Calm	Calm	1	4	------
10	61.90	58.58	20.5	34.6	94	40	Calm	SE 1	1	6	------
11	60.25	57.14	22.1	37.6	92	32	SbyE 1	EbyS 1	0	1	------
12	60.66	57.96	22.2	37.2	89	24	SSW 1	E 1	1	1	------
13	61.66	59.62	21.5	36.7	81	34	SSW 1	S 1	1	5	------
14	61.05	58.84	21.3	36.4	89	30	S 0	W 1	1	1	------
15	60.20	57.08	20.4	35.4	85	28	SSW 0	SW 1	0	1	------
16	59.61	56.72	23.8	36.6	82	34	Calm	SE 1	9	7	------
17	58.21	55.22	22.7	37	85	32	Calm	S 2	1	3	------
18	58.48	57.08	24	34.9	79	40	Calm	SSE 1	6	4	------
19	60.05	57.81	22.4	36.7	88	29	Calm	W 1	0	6	------
20	61.16	58.99	21.4	34.6	87	40	Calm	E 1	0	7	------
21	61.29	58.27	21.9	37.1	92	29	Calm	ESE 1	1	7	------
22	61.31	59.21	21.4	33.3	87	45	SSW 1	NNE 1	2	4	------
23	62.05	59.55	21.4	35.7	85	37	SSE 1	NE 1	9	8	------
24	62.40	60.55	20.4	30.3	91	50	SbyE 0	NE 2	2	9	------
25	61.69	59.06	23.8	32.1	84	47	Calm	NE 1	4	8	.5
26	60.91	58.48	23.5	34.4	91	44	Calm	E 1	9	4	------
27	59.50	57.53	24	36.2	90	37	Calm	E 1	4	7	------
28	59.31	57.01	21.7	37.9	87	31	Calm	W 1	5	4	------
29	59.48	56.80	23.4	35.5	80	44	Calm	S 1	2	8	------
30	58.49	55.78	24.4	39.3	88	28	Calm	SW 1	2	3	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.43	57.93	22.7	35.8	88.1	36.2	0.2	1	3.8	4.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	39.1

The barometric readings of this station seem to be too low by about 1 mm.

ECHAGÜE.

[ϕ=16° 41′ N; λ=121° 39′ E; barometer above sea, 56.1 meters; gravity correction not applied, —1.64 mm.]

MAY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.94	54.62	25.5	38.8	83	26	S 0	NNE 1	2	5	0.5
2	57.34	53.77	25.7	38.5	93	33	Calm	NE 1	9	2	17.8
3	57.46	54.23	25	36.9	94	39	Calm	WSW 1	9	7	------
4	56.89	53.26	24.5	37.8	92	35	Calm	SE 1	2	4	1.8
5	57.65	55.18	25.4	34.9	96	49	Calm	N 1	8	6	3
6	58.29	56.60	23	33.5	97	52	Calm	NE 0	9	8	26.2
7	58.32	56.59	23.4	32.3	97	55	Calm	Calm	9	9	------
8	58.62	57	23	32.4	96	51	Calm	N 1	7	9	------
9	58.58	56.40	22.5	34.9	95	42	SEbyE 0	E 1	8	4	------
10	57.78	54.61	22.3	36.7	92	32	Calm	SSW 1	0	6	------
11	57.11	53.99	24.7	38	86	35	Calm	W 0	6	4	1.5
12	57.84	54.72	24.9	36.3	95	46	Calm	NE 1	8	1	9.1
13	57.36	54.13	24.3	35.6	97	56	Calm	NbyW 1	7	1	------
14	56.18	52.22	24.8	39.2	92	28	S 0	W 1	6	4	------
15	55.24	54.72	25.9	35.1	81	50	Calm	E 1	10	9	------
16	57.09	54.84	25.2	34.4	88	55	Calm	Calm	9	8	15.5
17	57.51	55.29	24.1	33.1	97	63	Calm	Calm	9	9	15.5
18	57.71	55.64	24.3	33.9	97	53	Calm	S 1	9	6	7.9
19	58.69	55.78	24.5	35.1	96	59	Calm	N 1	9	6	57.2
20	57.83	54.79	23.5	32.3	98	62	Calm	Calm	9	6	8.9
21	56.26	54.14	24.2	34.1	97	57	Calm	Calm	4	4	58.7
22	55.66	54.88	24.2	30.7	97	70	SW 1	Calm	9	9	3.6
23	56.65	54.34	24	33.9	97	54	Calm	Calm	4	7	39.1
24	57.60	56.33	23.9	26.5	97	88	Calm	NE 2	7	9	15
25	58.17	57.16	24.3	30.3	96	72	Calm	E 1	3	9	------
26	57.96	55.21	24.8	35.8	90	46	Calm	SE 1	9	3	------
27	56.98	54.79	23	36.5	96	35	Calm	S 2	7	3	------
28	57.28	55.99	24.8	34.5	92	56	S 0	NNE 1	8	7	------
29	57.67	55.18	24.4	34.4	97	54	Calm	NE 1	9	7	3.6
30	56.68	53.83	25	35.4	92	58	Calm	N 0	8	9	------
31	55.50	53.16	23.9	36.3	90	45	Calm	NE 1	6	7	------
Mean	57.35	54.95	24.3	34.8	93.6	50.2	0	0.7	7.1	6.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	284.9

JUNE.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.19	55.38	25.2	33.7	89	61	Calm	NE 1	9	9	43.2
2	59.25	57.15	23.4	33	97	67	Calm	E 1	8	5	36.6
3	60.15	57.05	22.9	33.5	97	62	Calm	Calm	8	1	------
4	58.88	55.57	24.5	34.6	95	56	Calm	Calm	9	3	1.3
5	57.96	56.09	23.4	30.7	96	64	Calm	EbyS 1	7	9	------
6	58.86	56.41	23.8	34.7	89	52	SW 1	Calm	4	6	------
7	59.59	57.29	22.6	30.5	93	70	Calm	SSW 1	3	9	------
8	58.52	55.39	22.8	34.4	93	51	Calm	E 0	1	3	------
9	57.38	55.23	23.4	34	91	47	Calm	NNE 0	3	8	------
10	56.85	55.78	24.6	30.6	90	67	Calm	E 1	9	9	------
11	57.51	55.27	23.3	33.3	91	56	Calm	E 0	9	9	2.3
12	56.77	56.43	24.4	25.4	95	89	Calm	SE 1	8	9	35.5
13	57.67	55.78	23.9	33.8	96	57	Calm	EbyS 1	8	7	------
14	58.10	55.83	23.9	34.3	96	56	Calm	ESE 1	6	7	------
15	57.87	57.37	23.9	28.5	96	76	Calm	NW 1	4	9	------
16	59.01	57.67	24	34.5	96	54	SSE 1	SE 1	7	4	------
17	59.03	57.16	24	34.7	91	55	Calm	E 1	4	5	------
18	58.57	55.78	23.9	34.6	95	53	Calm	ENE 1	4	4	------
19	57.48	55.16	24.8	34.4	89	57	S 1	SE 2	6	6	------
20	57.17	54.72	24	34.4	95	56	Calm	ESE 1	1	8	1
21	57.37	55.94	24.4	33.4	97	53	SSW 1	SE 1	8	6	------
22	57.93	55.95	22.9	32.4	94	61	Calm	EbyN 1	1	9	------
23	56.99	55.02	23.9	35.6	91	45	Calm	NE 1	0	7	------
24	57.08	54.55	24.5	35.3	88	50	Calm	ESE 1	0	7	------
25	57.49	54.26	24.6	36.1	92	46	Calm	E 1	0	1	------
26	57.25	55.64	24.4	32.4	91	61	Calm	Calm	1	9	1.3
27	57.10	55.39	25	32.9	92	58	Calm	E 1	9	8	2.8
28	56.20	54.26	23.9	36	96	47	SE 1	S 1	1	7	------
29	56.26	53.59	24.2	37.3	90	40	Calm	S 2	1	6	------
30	56.27	53.42	24.4	37.9	92	38	Calm	SW 1	2	2	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	57.79	55.68	24	33.6	93.1	56.8	0.2	0.8	4.7	6.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	124

JULY.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.92	54.11	25.1	35.4	93	53	Calm	ENE 0	9	9	------
2	55	53.56	25.5	34.5	88	46	Calm	SW 1	10	8	------
3	54.21	52.39	24.3	36.7	88	42	SSW 0	SW 2	7	7	------
4	55.64	52.92	25.1	39	86	35	Calm	SSW 1	0	1	------
5	56.65	54.87	25.5	39	82	32	Calm	EbyN 1	0	1	------
6	58.08	55.12	24.5	38.6	86	39	Calm	ENE 0	4	2	19.6
7	59.18	56.37	23.9	36.6	92	44	Calm	Calm	1	4	------
8	59.90	57.09	24.4	37.4	92	46	Calm	NE 0	2	6	1
9	60.07	58.28	24.6	35.8	87	49	SW 0	E 1	9	5	------
10	60.24	57.98	23.9	35.7	91	44	Calm	NE 1	2	6	5.6
11	59.40	57.74	23.7	35	93	51	S 1	Calm	0	2	------
12	58.59	56.07	23.8	35.8	91	39	Calm	SE 2	0	8	------
13	57.86	55.21	23.4	36.5	90	40	SE 1	SSE 1	4	3	------
14	57.67	56.10	23.4	34.7	95	47	Calm	SbyW 2	7	8	.5
15	58.24	57.50	24.4	29.5	91	66	Calm	WSW 1	10	9	9.1
16	58.33	57.29	23.9	33.6	94	56	Calm	E 1	10	9	1.3
17	58.62	57.04	22.8	33.4	94	54	Calm	ESE 1	9	8	5.3
18	57.58	55.21	22.8	31	97	69	Calm	E 1	8	9	------
19	56.11	53.72	23.9	35.1	96	46	Calm	ENE 1	8	7	11.2
20	55.68	52.93	25.5	36.1	93	46	SSE 1	SE 2	6	7	26.2
21	56.37	54.48	24.5	33	96	63	SSW 0	Calm	8	9	------
22	56.98	54.91	25.1	35.6	95	54	Calm	WNW 0	9	8	47.8
23	57.03	54.65	23.4	34.4	98	56	Calm	Calm	9	4	11.4
24	55.35	52.85	24	34.3	98	56	Calm	E 0	8	3	5.1
25	54.50	52.18	23.9	34.3	97	54	Calm	ENE 1	8	4	1.8
26	53.43	51.53	24.5	33.1	94	61	Calm	NNE 0	5	6	20.8
27	52.02	50.56	23.8	31.4	94	65	Calm	Calm	9	8	------
28	51	49.65	24.9	33.1	96	59	Calm	NE 1	9	8	------
29	50.17	48.71	24.9	33.1	97	67	SW 0	Calm	10	7	23.9
30	48.86	49.69	23.8	30.3	97	69	E 1	NE 1	10	10	12.7
31	51	52.13	24.8	27.8	94	85	Calm	SE 1	10	10	3
Mean	56.13	54.29	24.3	34.5	92.7	52.7	0.1	0.7	6.5	6.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	206.3

AUGUST.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	53.43	52.84	25	32.9	95	57	Calm	SW 1	9	8	0.3
2	54.79	52.56	24.9	35.1	93	46	Calm	S 0	7	5	------
3	54.39	53.08	25.6	35.2	95	57	Calm	Calm	9	2	14.7
4	54.20	52.98	24	34.4	97	60	Calm	E 0	4	4	30.5
5	54.80	53.68	23.4	32.6	99	66	Calm	NE 0	10	9	6.6
6	55.62	54.20	24.4	30.4	97	72	Calm	Calm	10	9	.5
7	55.98	53.99	24.1	32.6	96	65	Calm	Calm	10	7	------
8	54.53	52.07	23.9	34.3	97	55	Calm	SW 1	8	7	------
9	52.33	51.15	24	36.2	97	52	Calm	E 0	1	2	------
10	53.84	53.17	24.3	33.9	97	40	Calm	NE 0	4	9	------
11	55.49	53.93	24.5	34.6	96	58	Calm	Calm	9	8	.3
12	55.22	53.15	25	33.8	97	59	Calm	SW 1	10	9	.5
13	54.41	53.66	24.5	26.4	96	86	Calm	SW 1	8	10	8.2
14	55.62	53.60	24.2	34.2	97	58	Calm	Calm	7	7	------
15	56.58	55.08	23.4	34	97	56	Calm	NE 1	0	3	------
16	57.92	55.68	22.9	33.3	97	55	Calm	Calm	1	5	------
17	57.66	55.16	25.4	31.9	92	66	Calm	NE 1	10	9	1
18	55.86	54.30	25	30	95	71	Calm	EbyS 0	9	9	------
19	54.97	53.03	24.8	33.8	93	56	Calm	Calm	9	8	4.1
20	55.09	53.16	24.6	33.1	95	58	S 1	Calm	9	10	------
21	53.43	53.37	25	28.7	98	80	Calm	Calm	10	10	------
22	53.83	52.28	25.1	35.3	96	61	Calm	E 1	9	7	------
23	53.70	53.23	24.2	32.4	97	63	Calm	Calm	8	9	------
24	53.60	52.36	25.2	30.5	90	66	Calm	WSW 2	9	9	------
25	54.08	53.27	24.8	34.9	95	45	Calm	SW 1	9	6	------
26	56.26	54.31	24.1	35.9	95	47	Calm	Calm	8	8	------
27	58.10	56.32	23.5	34.4	96	54	Calm	Calm	8	4	------
28	58.52	56.52	24.7	33.4	91	58	SE 0	E 1	9	9	49.5
29	59.08	56.04	22.1	33.1	98	55	Calm	SW 1	9	2	------
30	58.20	55.49	24.2	34.4	90	54	Calm	NE 1	6	5	------
31	57.37	54.64	23.6	34.8	96	55	Calm	Calm	8	8	2.8
Mean	55.45	53.82	24.3	33.2	95.5	59.1	0	0.4	7.6	7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	119

ECHAGÜE.

[φ=16° 41′ N; λ=121° 39′ E; barometer above sea, 56.1 meters; gravity correction not applied, —1.64 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.03	54.50	24.2	33.3	96	62	Calm	NE 1	10	9	------	60.31	57.86	22.5	32.6	96	59	SE 1	ESE 1	6	7	------
2	56.03	53.68	23.5	32.9	96	58	Calm	ENE 1	10	9	------	58.68	55.66	23.6	32.9	95	60	Calm	Calm	9	4	------
3	56.28	53.30	24.5	32.3	96	62	Calm	NE 0	9	7	------	56.24	53.68	25.6	32.1	95	62	Calm	N 1	10	6	1.3
4	55.04	52.75	24.9	33.6	98	57	Calm	ENE 1	9	5	85.3	56	53.99	24.7	33.4	94	57	Calm	NE 1	9	1	------
5	54.71	52.21	24	33.3	97	59	Calm	Calm	5	3	.5	55.87	53.98	24.5	33.5	96	50	Calm	Calm	1	3	------
6	54.42	51.13	24.4	33.6	97	65	SW 1	Calm	9	8	------	55.25	52.95	23.8	33.1	96	55	Calm	Calm	1	1	------
7	51.86	49.60	25	33.9	96	60	Calm	ENE 1	8	6	1	54.50	53.16	23.2	33.7	95	61	Calm	Calm	2	1	------
8	51.24	49.25	23.8	33.5	97	62	Calm	Calm	9	3	24.4	55.45	54.10	23.7	32.2	96	64	Calm	Calm	9	2	1.8
9	52.94	51.78	24	31.9	97	64	Calm	WSW 1	9	9	41.7	56.27	54.34	21.8	32.7	96	62	SbyE 1	NNE 1	8	9	.5
10	54	53.29	24.3	28.1	97	84	Calm	SSW 1	10	10	4.1	57.13	56.36	22.7	31	96	65	Calm	EbyS 1	8	9	.5
11	54.67	53.70	24.6	28.9	96	77	Calm	ENE 1	7	8	------	59.61	58.20	23.5	30.9	96	69	Calm	E 1	9	9	------
12	55.67	53.95	23.1	31.5	96	66	SSW 1	EbyN 1	4	6	.5	59.64	56.78	23.3	33.7	94	51	Calm	ENE 1	1	1	------
13	56.06	54.62	24.7	32.1	94	63	S 1	Calm	10	7	------	58.18	56.33	24.6	29.6	95	69	Calm	NE 1	9	9	------
14	56.92	55.59	24.2	33	97	58	Calm	Calm	9	2	------	57.21	56.57	24.3	26.1	98	90	Calm	Calm	9	10	15.5
15	57.63	56.75	22.7	31.5	94	59	Calm	W 1	3	5	4.1	57.73	56.99	24	27	97	84	Calm	Calm	10	10	1.3
16	58.97	58.57	23.4	28.7	97	75	Calm	Calm	9	9	3.8	57.63	55.78	23.6	32.3	97	63	Calm	Calm	9	7	2.3
17	59.61	57.93	23.2	32.2	96	62	E 1	E 1	9	9	.3	58.06	55.92	23.5	30.2	98	71	W 1	Calm	10	8	81.3
18	59.05	57.08	24	33.5	99	61	Calm	NNE 1	9	3	1	58.33	55.78	24.6	32.7	97	61	Calm	Calm	4	2	------
19	58.36	56.71	25.5	30	96	71	Calm	SW 1	9	9	6.3	57.87	56.53	24.8	31.8	95	67	Calm	NbyE 1	6	9	------
20	58.63	56.06	24.8	30.1	98	80	Calm	E 1	10	9	------	58.90	57.08	23.4	33.2	97	55	Calm	ENE 1	2	1	.3
21	58.26	56.28	22.4	33.4	95	55	Calm	S 1	8	4	1	58.68	57.32	23.8	28.5	95	78	S 1	Calm	6	8	.3
22	58.43	56.80	23	32.9	97	64	Calm	E 1	2	2	------	58.19	55.87	24	28.9	97	78	Calm	Calm	10	9	2.8
23	58.39	56.13	25	32.9	96	58	Calm	NNE 1	7	4	5.8	55.49	53.26	24.1	26.9	97	85	Calm	NNE 2	9	10	49.5
24	58.32	55.70	24.3	31	97	65	Calm	ENE 1	9	4	------	51.61	49.88	24.2	26	97	92	N 2	NNE 2	10	10	23.8
25	57.56	54.88	24.6	33.9	95	54	Calm	E 1	9	2	8.9	51.05	50.96	23.9	26.3	99	88	Calm	SSW 2	7	10	10.1
26	58.12	55.65	23.5	32.7	97	57	SW 1	NEbyN 1	6	2	24.9	54.07	53.97	22.5	32.4	96	58	Calm	Calm	4	0	------
27	58.01	55.68	23.8	33.9	98	53	Calm	Calm	10	1	7.4	56.33	54.39	24.4	26.7	96	89	S 1	ENE 2	9	9	6.6
28	58.27	56.73	22.5	29.6	97	74	Calm	WSW 1	6	9	------	55.02	51.78	24.9	27.7	87	79	NNW 1	NNW 3	9	10	9.1
29	58.35	56.85	22.3	29.3	97	76	Calm	SE 1	3	6	------	44.77	37.11	23.5	24.4	97	85	S 0	SW 2	10	10	35.9
30	59.25	57.31	22.3	33.4	96	53	Calm	Calm	3	6	------	46.07	49.61	28.3?	29	58?	61	S 2	S 2	10	9	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	54.55	55	24.1	31.9	79	64	Calm	SbyE 1	7	9	.5
Mean	56.70	54.82	23.9	32	96.5	63.8	0.2	0.7	7.7	5.9	------	55.96	54.23	24	30.4	94.1	68.8	0.3	0.8	7.2	6.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	221	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	248.4

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.93	57.05	25.6	31	82	67	Calm	Calm	10	9	1.8	61.37	59.96	22.5	25.2	92	83	Calm	N 1	10	8	10.9
2	59.81	57.62	26	30.5	86	65	Calm	NE 1	10	7	------	61.14	60.11	21.5	24.4	91	88	N 1	N 1	10	9	4.9
3	56.93	50.74	24.7	26	87	91	Calm	N 2	9	10	50.1	61.68	59.44	22	25.6	95	79	Calm	Calm	10	8	1.3
4	53.94	55.04	24.4	29	96	74	Calm	SSE 2	9	8	7.4	61.37	58.98	22.5	26.3	92	67	Calm	NE 1	9	9	------
5	59.60	56.95	24.5	31.6	88	66	Calm	Calm	1	1	------	59.31	57.76	22.3	26.1	94	70	NbyE 1	N 1	10	9	2.5
6	59.07	56.62	24.8	30.1	87	63	Calm	NE 1	3	6	------	57.82	55.48	21.5	25	86	73	Calm	ENE 1	9	9	12.2
7	58.40	56.77	24.4	31.1	88	67	Calm	Calm	1	7	------	53.25	51.69	23.9	24.5	93	94	N 1	NbyE 2	10	10	49.1
8	58.70	57.07	24.5	30.2	83	63	Calm	NE 1	1	6	------	52.82	53.11	23.3	29.1	94	72	Calm	SE 1	10	9	------
9	59.25	56.87	25.1	30.2	84	63	Calm	NE 1	1	5	.3	56.06	55.26	23.5	30	85	71	Calm	E 1	8	6	1
10	58.59	56.41	24.5	25.4	87	93	NE 1	NE 1	9	10	42.6	57.83	57	25	28	87	77	Calm	N 1	6	7	22.9
11	56.85	56.88	23.4	26.2	90	86	ENE 1	Calm	9	10	24.9	57.44	56.84	24	25.8	86	87	Calm	Calm	10	9	33.8
12	58.73	57.98	24.1	28.5	91	78	Calm	S 0	10	10	------	56.64	55	24.8	27.5	90	84	Calm	Calm	10	9	1.3
13	59.70	57.78	25	30.5	89	69	Calm	Calm	9	3	7.4	56.32	54.50	25.3	29.4	94	76	Calm	Calm	10	7	7.4
14	61.11	58.81	25.1	30	87	67	Calm	Calm	10	1	------	57.02	55.93	25	26.3	89	82	Calm	NE 1	10	10	8.1
15	61.34	58.88	25.7	29.9	82	69	Calm	Calm	10	3	------	58.67	57.66	23	26.5	91	86	NE 1	N 1	10	9	------
16	60.03	58.60	24.6	26.1	82	85	S 1	ENE 1	9	9	7.1	60.81	58.70	23.4	23.4	88	90	Calm	Calm	10	10	20.6
17	60.36	58.45	24.4	27.8	93	65	Calm	EbyN 1	10	9	6.4	61.20	58.50	22.6	27.1	94	76	Calm	ENE 1	10	9	3.3
18	61.12	60.54	24	28	84	68	Calm	ENE 1	9	1	------	61.73	61.68	21.5	22.9	89	87	NE 1	N 1	10	10	2
19	62.03	61.81	23	25.7	83	82	Calm	NE 1	2	8	7.4	62.85	61.68	19.8	24.3	89	76	Calm	N 1	9	9	------
20	62.54	60.64	23.1	28	92	68	NE 1	NE 1	10	9	12.4	64.27	61.73	21.3	24.8	92	73	N 1	N 1	10	10	------
21	60.77	59.60	23.7	27.4	91	78	NNE 1	NE 1	9	8	15.5	62.95	60.93	22.1	27.5	88	68	Calm	WSW 1	10	8	5.1
22	59.87	58.82	23.7	25.8	91	83	Calm	NE 1	10	9	13.7	61.49	60.62	22.3	26.3	91	70	N 1	N 1	10	9	1.3
23	59.83	58.60	23.4	24.6	90	92	NE 1	NNE 1	10	10	22.9	62.39	61.54	19.9	24.3	93	75	NNW 1	NNE 1	10	9	.8
24	58.50	56.75	23.5	27	91	81	Calm	NE 1	10	6	------	62.39	61.39	20.8	24	88	79	Calm	Calm	10	10	.8
25	57.38	55.28	24.6	28.6	91	79	Calm	Calm	9	5	4.1	61.25	59.32	21.7	26.5	89	71	Calm	Calm	10	8	------
26	56.42	55.20	24.7	28.4	91	80	NE 1	Calm	10	9	12.7	61.25	59.45	22	25.8	98	75	Calm	NE 1	8	9	.3
27	56.92	55.32	25	29.5	88	76	Calm	Calm	9	8	.8	60.13	57.27	23.3	26.6	92	84	Calm	Calm	10	8	4.9
28	57.91	56.23	25.2	29.5	91	68	Calm	Calm	9	4	------	58.52	55.39	24.6	30	90	71	Calm	Calm	9	4	------
29	58.30	58.10	24.7	26.6	90	79	NNW 1	N 2	10	9	59.9	56.98	55.33	24.5	30.5	91	70	Calm	Calm	10	1	.8
30	60.87	60.64	22.9	21.8	88	92	Calm	Calm	10	10	30	58.81	57.54	26	29.5	86	77	Calm	Calm	10	1	3.8
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------	59.43	58.83	25	25.4	75	88	Calm	Calm	10	9	48.8
Mean	59.13	57.54	24.4	28.2	88.1	75.2	0.3	0.7	7.9	7	------	59.52	58.02	22.9	26.4	90.1	78	0.3	0.6	9.6	8.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	327.4	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	247.9

CANDON.

[φ=17° 12′ N; λ=120° 26′ E; barometer above sea, 6 meters; gravity correction not applied, −1.62 mm.]

JANUARY.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	61.23	60.19	21	28.5	84	60	Calm	NW 2	2	1	
2	62.38	60.19	19.5	28.3	81	65	Calm	SW 1	0	0	------
3	61.50	60.49	20.5	28.7	82	69	Calm	SW 1	0	0	------
4	61.93	60.79	21.5	28.5	82	60	Calm	NW 2	4	2	------
5	62.32	60.41	25	29.5	80	68	Calm	NW 1	10	2	------
6	61.87	60.16	24	29.2	86	73	Calm	NW 2	4	9	------
7	61.22	59.99	24	27.5	85	64	N 1	N 3	8	3	------
8	61.25	60.11	20.5	27	79	65	Calm	WNW 1	2	3	------
9	61.29	59.57	21	28.5	77	61	Calm	W 1	2	0	------
10	61.47	60.99	21.8	28.5	79	67	N 1	NW 3	0	2	------
11	62.66	61.36	22.2	29.5	81	64	Calm	NW 3	8	0	------
12	62.10	61.50	20	28	81	70	Calm	N 3	6	2	------
13	63.02	62.45	20.5	28.5	77	67	Calm	SSW 3	2	1	------
14	63.13	62.24	21.5	28.6	79	69	Calm	SW 1	0	3	------
15	63.33	62.58	22.9	28.5	71	63	N 1	SW 2	8	3	------
16	64.38	63.84	22.5	28.5	78	70	Calm	W 2	4	3	------
17	64.98	63.04	23.5	28.1	79	70	Calm	WNW 2	9	8	------
18	64.37	63.19	22	28.4	78	70	Calm	SW 1	4	3	------
19	63.04	61.19	23	28.7	79	64	Calm	SW 3	2	0	------
20	62.19	59.82	21.2	28.1	81	67	Calm	NNW 3	4	0	------
21	61.91	60.31	22.6	28.8	82	67	Calm	NW 2	2	1	------
22	62.43	60.53	22	29	79	71	Calm	NNW 3	0	0	------
23	62.33	60.08	21.5	29.5	82	59	Calm	N 4	4	1	------
24	61.34	59.86	23.5	28.4	71	62	Calm	N 2	8	9	------
25	62.12	60.93	22.5	29	74	62	Calm	NW 1	2	1	------
26	62	60.66	23.6	29.5	78	66	Calm	W 1	10	7	------
27	61.43	59.86	23	29.5	81	70	Calm	NW 1	3	2	------
28	61.28	59.74	22.6	29.9	82	63	Calm	NW 3	0	0	------
29	61.27	60.39	22.2	29.1	76	70	Calm	SSW 2	0	3	------
30	61.40	60.46	23.6	29.5	78	68	Calm	SW 1	10	4	------
31	61.74	60.68	23	29	79	67	Calm	NW 2	7	6	------
Mean	62.22	60.89	22.2	28.7	79.4	66.2	0.1	2	4	2.5	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	0

FEBRUARY.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	62.21	60.96	23	29.5	80	63	Calm	SW 2	10	0	
2	61.13	59.44	21.2	29.3	82	66	Calm	SW 2	3	2	------
3	59.63	58.65	22.2	29.1	80	64	Calm	SW 1	3	2	------
4	60.25	59.29	23.6	29.6	80	67	Calm	SSW 1	1	3	------
5	61.41	59.79	25?	29.5	72?	68	Calm	WSW 2	5	3	------
6	61.33	59.86	23.7	29.5	81	65	Calm	SW 1	4	4	------
7	60.46	59.34	22	29.5	82	64	Calm	SW 1	8	3	------
8	61.22	60.31	24	30	81	66	Calm	SW 1	2	1	------
9	61.94	60.45	22.9	30	81	69	Calm	NW 1	3	4	------
10	60.92	59.23	23.9	29.6	79	69	Calm	NW 1	4	5	------
11	59.93	59.03	24.5	30	79	65	Calm	NW 2	2	1	------
12	60.29	59.69	24.5	30	79	76	Calm	N 3	2	3	------
13	60.68	59.33	23	30	87	71	Calm	SW 1	7	2	------
14	60.46	60.40	24.8	30	77	64	Calm	NW 1	1	3	------
15	62.87	61.71	24.2	30	78	64	Calm	NW 1	1	1	------
16	62.54	61.34	23	29	76	61	Calm	SW 1	2	0	------
17	62.31	60.71	22.5	29.5	77	64	Calm	SW 1	2	1	------
18	61.17	60.81	22	29.1	78	67	Calm	SSW 3	1	0	------
19	62.74	62.05	22.9	28.4	75	65	Calm	N 3	1	8	------
20	61.69	60.44	20.9	28.5	77	66	Calm	NW 3	2	4	------
21	61.93	60.73	21.6	29	77	65	Calm	NW 1	1	4	------
22	62.11	61.13	23	29	74	62	Calm	SW 1	7	8	------
23	61.96	60.90	24	31	79	62	NNE 1	SSW 1	7	3	------
24	61.83	60.76	23.6	29.6	74	67	Calm	SW 1	3	4	------
25	62.16	60.36	23.5	29.7	79	59	Calm	SW 1	1	0	------
26	61.93	60.85	22	29.5	75	66	Calm	SSW 1	4	0	------
27	61.89	60.51	21.2	30	77	63	Calm	NW 1	3	2	------
28	62.16	59.56	23.2	30.7	69	61	Calm	NW 3	7	3	------
29	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
Mean	61.47	60.27	23.1	29.6	78	65.3	0	1.5	3.5	2.6	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	0

MARCH.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	61.68	60.71	23.5	30	67	59	NNE 1	W 2	6	2	
2	62.64	61.46	23	29.5	79	67	Calm	NNW 2	4	2	------
3	62.83	60.86	24	29.7	78	64	Calm	SW 1	6	4	------
4	62.86	-----	25	30.1	80	71	Calm	SW 1	9	3	------
5	63.27	61.50	23.7	30	81	67	Calm	NW 1	2	1	------
6	62.24	60.30	25.5	30.4	80	59	Calm	SW 1	2	1	------
7	61.33	60.89	24.6	30.4	80	64	Calm	SW 1	0	3	------
8	62.71	61.57	23.5	30.5	79	58	Calm	SW 1	2	4	------
9	62.42	60.84	24.3	30.5	82	58	Calm	SW 1	3	5	------
10	61.58	59.56	23.4	30	84	56	Calm	W 1	2	0	------
11	61.56	60.27	23.6	30.1	81	60	Calm	NW 1	2	0	------
12	60.25	58.46	24.8	30.7	75	59	Calm	SW 3	4	0	------
13	60.70	60.02	24.4	30.5	77	68	Calm	SW 1	9	4	------
14	61.46	60.20	24.5	30	79	68	Calm	NW 2	2	9	------
15	61.72	60.34	24.6	30.5	71	76	Calm	SW 1	10	4	------
16	61.27	60.60	24.2	29.7	82	67	Calm	SW 1	4	3	------
17	62.82	60.94	24.4	30.2	77	66	Calm	NW 3	4	4	------
18	61.53	61.16	23.2	29.7	76	61	Calm	NW 1	2	3	------
19	62.83	62.39	23.6	28.7	82	69	Calm	NW 1	5	7	------
20	62.61	60.81	23.1	29.4	85	64	Calm	NW 1	10	3	------
21	61.01	60.30	25	30	77	65	Calm	SW 1	4	2	------
22	60.50	59.56	25.5	30.6	77	63	Calm	SW 1	10	4	------
23	61.16	60.38	26.5	31	76	62	Calm	SW 1	5	2	------
24	61.94	61.17	25.5	30.9	78	70	Calm	SW 1	4	2	------
25	61.61	59.79	24.2	30.6	78	67	Calm	NW 1	5	3	------
26	60.56	59.43	23.8	30	81	65	Calm	NW 1	4	2	------
27	60.88	60.10	23.9	30	76	66	NNE 1	NW 2	3	4	------
28	61.16	60.24	24.3	30	66	67	N 1	W 1	8	9	------
29	61.42	60.98	24.5	31.3	83	64	Calm	W 1	4	0	------
30	61.52	60.54	23.8	30.5	81	67	Calm	SW 1	3	5	------
31	60.67	59.77	26.4	31.4	73	66	Calm	SW 1	10	5	------
Mean	61.70	60.50	24.3	30.2	78.1	64.6	0.1	1.3	4.8	3.2	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	0

APRIL.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	60.28	58.59	24.3	31.4	79	66	Calm	W 1	5	4	
2	59.12	58.38	25.1	31.9	79	67	Calm	WSW 1	3	4	------
3	59.59	59.08	25.6	32	82	70	Calm	SW 1	7	3	------
4	59.88	59.07	27	32	80	66	Calm	W 2	8	4	------
5	60.77	59.79	26.3	32.2	78	68	Calm	NW 1	5	3	------
6	61.27	59.72	26.1	32.2	81	69	Calm	W 1	2	2	------
7	61.70	61.72	27.2	31.4	83	65	Calm	NW 3	3	4	------
8	61.58	59.64	23	30.8	74	64	Calm	SW 1	3	0	------
9	61.10	60.49	24.6	32.7	76	60	Calm	SW 1	2	3	------
10	61.81	59.58	25	31.6	79	65	Calm	NW 1	0	1	------
11	60.09	58.53	26	31.5	82	66	Calm	SW 2	2	1	------
12	60.51	59.12	25.6	31.5	79	72	Calm	NW 1	3	3	------
13	61.75	60.55	25.5	32	80	72	Calm	SW 2	2	3	------
14	61.09	59.72	25.5	31.5	87	66	Calm	W 1	0	1	------
15	60.32	58.53	25.5	31.6	80	57	Calm	SW 1	1	1	------
16	59.67	58.05	27.1	30.5	73	60	Calm	W 1	10	7	------
17	58.58	56.54	27.2	31.7	77	58	Calm	SW 1	8	1	------
18	58.65	58.02	26.7	31	80	68	SSE 1	W 2	9	7	4.6
19	59.77	59.14	26.6	31.5	83	65	Calm	SW 2	4	7	------
20	60.66	59.49	24.7	31.5	84	64	Calm	SW 1	0	2	------
21	60.69	58.69	26.1	32.5	79	65	Calm	SW 1	1	2	------
22	60.57	59.18	26.2	32	79	58	Calm	SW 1	0	0	------
23	60.31	59.90	26	31.8	76	64	Calm	SW 2	1	3	------
24	61.20	59.64	25.4	32.2	66	50	NNE 2	SW 2	0	1	------
25	60.67	58.94	26.5	30.7	66	70	Calm	SW 1	7	8	------
26	60.02	58.53	25	31.5	76	69	Calm	SW 1	1	6	------
27	59.38	57.62	26.2	32.5	79	58	Calm	SW 1	2	1	------
28	59.33	58.48	26.5	31.7	76	66	Calm	WSW 3	3	2	------
29	59.11	57.88	27.8	32.4	79	62	SSE 1	SW 1	2	4	------
30	58.46	57.29	27.6	32	80	69	Calm	SW 3	3	1	------
31	-----	-----	-----	-----	-----	-----	------	------	-----	-----	------
Mean	60.26	59	25.9	31.7	78.4	64.6	0.1	1.4	3.2	3	------
Total	-----	-----	-----	-----	-----	-----	------	------	-----	-----	4.6

CANDON.

[φ=17° 12′ N; λ=120° 26′ E; barometer above sea, 6 meters; gravity correction not applied, —1.62 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.17	57.31	27.2	32.4	81	73	Calm	SW 2	7	2	------
2	58.18	56.77	27	32.4	80	66	Calm	NW 3	4	3	------
3	57.63	56.39	26.2	31.4	79	64	Calm	WSW 1	8	5	------
4	56.89	56.06	27	31.6	80	68	Calm	SW 1	7	8	8.9
5	57.39	56.44	26.5	31.4	84	70	Calm	NW 2	9	7	1.8
6	58.06	57.02	26	32.2	84	70	Calm	SW 2	4	9	1
7	57.76	56.74	25.5	32.1	84	71	Calm	SW 2	4	10	11.4
8	57.75	56.79	24.9	31.4	88	66	Calm	NW 2	10	5	1.8
9	57.97	57.03	25.2	31.5	90	73	Calm	SW 2	4	3	------
10	57.63	56.24	26.5	32	85	66	Calm	SW 1	5	2	------
11	57.51	56.80	27.5	33	81	68	Calm	SW 1	6	3	------
12	57.83	56.36	26.5	32.8	92	65	Calm	SW 2	2	0	------
13	58.29	56.31	26	32.6	84	63	Calm	SW 1	3	2	------
14	57.10	55.77	27.5	33	74	65	Calm	SW 4	4	8	54.4
15	57.31	56.60	26	30	85	79	Calm	SW 1	10	10	3
16	57.54	56.50	26.1	30.6	91	81	Calm	NW 1	10	6	------
17	57.38	56.64	26.7	31.2	91	79	Calm	NW 2	8	9	------
18	58.23	57.39	26.5	32.2	88	78	Calm	SSW 4	4	7	------
19	59.43	58.17	27	30.8	87	76	Calm	SW 1	10	10	------
20	58.08	56.68	27	31.7	88	77	Calm	SW 3	9	8	------
21	56.85	56.08	26.6	32	87	70	Calm	SW 3	7	9	13
22	56.71	56.08	26.2	32.4	90	74	Calm	SW 1	9	7	------
23	57.02	55.64	27.2	31.5	87	72	Calm	SW 3	4	8	39.4
24	57.86	56.57	25.9	30.5	88	76	Calm	SW 2	5	8	28.7
25	57.99	57.40	26	30.5	91	76	Calm	NW 1	3	8	7.1
26	58.42	57.22	26	31.8	89	74	NNE 1	SSW 2	8	7	8.1
27	57.53	57.36	26.5	32	88	72	Calm	SW 2	8	7	------
28	58.57	58.78	26.2	28.7	83	87	Calm	Calm	10	10	15
29	58.72	57.34	25	31.4	92	79	Calm	SW 1	10	4	------
30	57.29	56.55	26.5	30.6	88	81	Calm	SW 1	3	10	------
31	56.99	55.32	26.2	31.2	90	77	Calm	SW 2	10	10	------
Mean	57.74	56.72	26.4	31.6	86.1	72.8	0	1.8	6.6	6.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	193.6

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.43	57.28	26.8	31.5	91	-----	Calm	SW 2	9	8	------
2	58.66	58.26	26.7	32	90	-----	Calm	NW 1	4	3	------
3	59.46	58.14	26	32.2	88	-----	Calm	W 2	2	4	------
4	58.53	57.48	26.5	31.6	88	-----	Calm	W 1	2	3	------
5	57.59	57.08	26	31.7	89	-----	Calm	W 1	1	4	------
6	58.57	57.67	27	32.5	91	-----	Calm	SW 1	5	3	------
7	59.03	57.71	26	32	92	-----	Calm	NW 1	8	4	------
8	58.69	56.02	26.5	32.4	91	58	Calm	NW 1	2	3	------
9	56.81	55.72	26	30	78	77	Calm	NW 1	3	4	------
10	56.76	55.84	25.5	31.5	78	68	Calm	SW 1	10	9	------
11	57.58	56.16	25.2	32	80	66	Calm	SW 1	8	4	------
12	56.99	56.47	26	32.2	81	68	Calm	SW 1	3	5	------
13	57.69	56.88	26.5	31.6	76	71	Calm	SW 1	10	10	------
14	57.73	56.22	26.5	32.2	80	66	Calm	SW 2	9	5	------
15	57.69	56.82	26	32.6	81	66	Calm	SW 1	3	7	1.3
16	58.41	58.12	26	32.5	84	65	Calm	SW 1	6	4	------
17	58.48	56.96	27	33	84	64	Calm	W 1	5	4	------
18	58.01	56.46	28.5	32.7	81	64	Calm	SW 1	5	3	------
19	57.17	56.34	27	32.5	78	66	NNE 1	SW 1	8	4	------
20	57.23	55.56	26.7	32.7	79	68	NNE 1	WNW 1	6	7′	3.3
21	57.19	56.63	26.2	31.7	82	65	Calm	SW 1	6	5	------
22	58.13	56.52	27	31.9	80	67	Calm	NW 1	3	4	------
23	57.31	56.91	27.4	32.5	83	66	Calm	W 1	3	3	1
24	57.08	56.02	27.5	32.3	82	68	Calm	SW 1	2	4	------
25	57.51	55.96	27.7	32.7	80	68	Calm	NW 1	2	3	------
26	56.97	56.19	27.5	32.5	81	65	Calm	SW 2	1	6	15.2
27	56.25	55.08	27.5	32	88	69	Calm	SW 1	10	9	5.1
28	56.57	56.12	27	31	89	72	Calm	SW 4	8	9	------
29	57.01	56.46	26.5	33.5	82	61	Calm	SW 4	4	8	------
30	56.77	56.95	27	31	80	61	Calm	SW 4	7	10	10.4
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	57.64	56.67	26.7	32.1	83.6	66.5	0.1	1.4	5.2	5.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	36.3

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.43	56.27	26.6	32	87	69	Calm	SSW 1	10	9	37.8
2	55.42	56.79	25.2	27.5	87	81	Calm	SW 4	10	10	12.7
3	55.20	54.85	24.4	31.6	90	72	Calm	SW 3	8	9	------
4	56.97	56.41	27.5	33	84	67	Calm	SW 2	8	2	------
5	58.08	57.89	26.2	32.5	85	68	Calm	SW 2	1	3	------
6	58.63	57.82	27	32.2	84	74	Calm	SW 1	3	2	------
7	58.22	57.41	26.7	32.5	83	72	Calm	NW 1	4	3	------
8	59.21	58.02	27.8	32.2	86	71	SE 1	SW 1	2	2	1.8
9	60.15	59.06	27.4	32.5	86	73	Calm	NW 2	9	6	------
10	60.61	59.46	26.5	32.5	89	73	Calm	W 1	1	2	2.5
11	60.61?	59.42?	26	32.5	92	72	Calm	SW 1	3	7	3.8
12	60.37?	59.35?	26.3	32.7	90	68	Calm	W 1	2	8	3
13	58.73	59.49?	26.2	32	90	72	Calm	SW 1	4	10	10.2
14	57.76	57.49	26	32.2	91	71	Calm	SW 2	6	10	5.1
15	57.74	57.37	26	32	92	75	Calm	SW 1	7	10	2.3
16	57.79	57.72	25.6	31	91	79	NNE 1	SW 1	10	10	4.1
17	58.23	57.10	24	30.9	87	72	Calm	SW 1	7	6	1.8
18	57.53	56.04	24.7	31.4	90	73	Calm	SW 1	4	5	2.5
19	56.44	55.19	25.4	31.7	83	71	Calm	WSW 2	3	4	------
20	56.07	55.29	27.5	32	84	72	Calm	SW 1	9	10	------
21	56.63	56.17	26.2	31.5	88	73	Calm	SW 1	6	8	------
22	57.83	57.09	27	32.6	86	71	Calm	SW 1	7	9	39.9
23	58.65	57.30	26.4	30.6	89	79	Calm	SW 1	10	10	17.8
24	56.74	54.71	25.6	29.2	91	81	Calm	W 1	9	10	1.3
25	54.92	52.29	25.8	30.1	91	82	Calm	SW 1	10	10	59.9
26	54.04	53.45	25	29.5	92	83	Calm	S 3	10	10	17
27	52.78	52.15	25.5	30	92	77	Calm	SSW 1	10	8	1.3
28	52.09	50.90	26.2	28.8	82	79	SSE 1	SSW 1	10	10	2.5
29	50.38	48.59	25.7	31.4	86	70	Calm	NNW 2	10	9	3
30	49.86	49.50	27.5	30.2	88	71	Calm	SW 2	10	9	10.4
31	51.18	52.28	25.8	29.4	85	71	Calm	SSW 3	10	10	1.8
Mean	56.65	55.90	26.1	31.3	87.8	73.6	0.1	1.5	6.9	7.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	242.5

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	54.93	53.49	26.7	31	86	70	Calm	SSW 3	10	10	4.1
2	55.53	54.95	26.7	31	83	70	S 1	S 4	10	10	2
3	55.61	55.24	27	30.5	81	71	Calm	SW 1	10	10	1.5
4	55.81	55.12	27	32	84	67	SW 1	SW 1	10	8	1.3
5	55.73	56.48	26.8	28	83	80	Calm	SW 2	7	10	17.8
6	56.56	55.90	25.5	30.5	88	68	Calm	SSW 1	10	10	24.4
7	57.12	57.08	25.4	27.5	85	80	Calm	SSW 2	10	10	48.2
8	56.15	55.33	25.1	27	88	88	Calm	SSW 1	10	10	17.5
9	54.68	55.13	26.7	29.6	86	84	S 2	SSW 1	10	8	40.4
10	55.52	55.94	27.1	30.5	84	75	SSE 1	SSE 1	8	10	4.5
11	56.91	56.60	26	28.2	88	79	Calm	SSE 2	8	10	34.3
12	57.11	55.92	26.5	26.7	80	86	S 2	SSE 1	9	10	27.2
13	57.22?	55.82	26.4	29.5	81	76	Calm	SW 1	7	8	------
14	55.79	56	26.5	30	82	77	Calm	SW 1	6	9	------
15	56.56	56.94	26.5	30.4	82	72	Calm	SW 1	7	8	------
16	58.16	57.48	26.6	30.5	87	69	Calm	SW 1	5	8	------
17	58.14	56.55	26.7	30.8	81	67	Calm	SW 1	6	9	25.4
18	56.53	54.49	26.8	30.2	86	77	Calm	SW 1	7	8	7.6
19	55.49	54.13	26	30.5	88	75	Calm	SW 1	10	4	2.5
20	55.48	53.73	27	30.7	87	74	Calm	SSW 1	7	6	32
21	55.55	55.09	26.5	29.1	88	81	S 1	SSW 2	10	10	11.7
22	55.69	55.76	26.4	29.4	86	74	Calm	SSW 3	8	10	1.
23	55.18	55.21	25.7	29.3	86	77	Calm	SSW 1	4	10	------
24	55.59	55.20	26	28	84	81	SSE 2	SSE 3	9	10	36.4
25	55.80	55.84	24.5	29	89	77	Calm	SW 2	8	10	------
26	57.25	57.28	26.5	30	84	76	Calm	SSW 2	8	9	------
27	59.11	58.30	26	30.6	85	71	Calm	SSW 2	9	4	19
28	59.16	58.63	25.6	29	87	79	Calm	SW 1	0	9	2
29	59.18	58.08	24.5	30	87	69	Calm	SW 1	3	2	------
30	58.76	57.24	25.2	30.5	86	76	Calm	NW 1	4	8	------
31	57.11	57.06	26	30.5	87	72	Calm	SW 1	4	9	------
Mean	56.56	56	26.2	29.7	85.1	75.4	0.3	1.5	7.5	8.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	360.8

CANDON.

[ϕ=17° 12′ N ; λ=120° 26′ E ; barometer above sea, 6 meters ; gravity correction not applied, —1.62 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0-10.*	*0-10.*	*mm.*
1	56.63	56.11	24.9	30	84	68	NE 1	WSW 1	10	9	91.2	60.28	58.52	24.4	30.5	85	71	N 1	SW 1	2	3	------
2	56.82	55.56	24.9	28	89	81	Calm	W 1	10	10	1.8	58.53	55.94	26.6	31.5	87	70	Calm	NW 1	2	4	------
3	57.11	55.71	25.4	28	88	81	Calm	SW 1	9	10	------	56.43	54.13	26.6	31	87	73	Calm	SW 1	8	9	------
4	55.59	54.55	25	29.5	87	78	Calm	SW 1	8	7	4.8	55.93	54.62	26.5	31	88	69	Calm	SW 1	9	2	2.5
5	55.16	54.09	26.4	30	86	74	Calm	SW 1	6	4	1.8	55.73	54.63	26.4	31	86	70	NNE 1	W 1	1	2	------
6	54.76	53.85	26.5	29.2	88	86	S 1	SSW 1	6	10	20.1	55.02	53.87	26.5	31.2	84	75	Calm	W 1	0	7	------
7	53.38	52.81	25.6	27.5	91	89	Calm	S 1	10	10	10.7	54.63	53.47	26	31.2	85	71	Calm	SW 1	3	2	------
8	52.83	51.55	26.3	29.5	86	75	Calm	SW 1	9	7	67.8	55.07	53.81	26.1	32	85	69	Calm	SW 1	4	6	2.5
9	53.37	52.72	26	29.2	89	78	Calm	SE 1	10	8	8.1	55.28	54.07	25.5	31.4	88	70	Calm	W 1	8	9	------
10	53.77	53.79	25.9	30.2	88	71	Calm	SSW 3	7	10	------	56.13	56.14	26.5	30.7	88	74	Calm	SW 1	7	9	1.3
11	55.08	54.40	26	30	84	73	Calm	S 2	10	8	------	59.36	58.84	25.7	31.1	88	74	NNE 1	NNW 1	10	9	2.5
12	54.75	54.62	25.6	30.6	87	71	NNE 1	N 1	9	8	------	59.92	58.08	25.2	30	87	76	Calm	W 1	10	7	10.2
13	56.06	55.14	26.7	31	83	72	NNE 1	NW 1	7	3	------	58.28	56.43	24.8	28.6	89	85	Calm	NE 1	2	10	1.5
14	56.39	56.20	26.2	30.5	85	73	Calm	S 1	2	2	------	56.97	55.83	25	30	90	78	Calm	SSW 1	8	10	------
15	56.81	56.74	26.1	30.5	86	68	Calm	SW 1	1	2	------	56.63	55.86	26.5	30.5	92	78	Calm	W 1	10	8	------
16	58.68	58.13	27	30	84	77	Calm	SW 1	8	10	------	57.79	56.69	26.4	31	88	76	Calm	W 1	10	7	18.5
17	59.48	58.59	27	31.1	86	70	Calm	N 1	3	4	------	58.73	56.85	25.9	30.7	88	71	NNE 1	NW 1	10	8	------
18	58.33	57.37	26.5	32	85	72	Calm	SSW 1	2	3	------	58.26	57.10	25.7	30.7	86	70	Calm	N 1	4	3	------
19	57.39	56.49	26.5	31	85	75	Calm	SW 1	4	9	------	57.48	56.85	24.9	31.4	87	73	Calm	SSW 1	2	5	1.3
20	58.53	56.60	26.7	31.1	85	75	Calm	SW 1	9	9	17.2	58.85	57.07	24.5	31.2	91	73	Calm	W 1	1	1	------
21	58.86	57.85	26	31.2	84	72	Calm	WSW 1	10	6	------	58.46	56.43	25.6	31.5	87	67	Calm	NW 1	4	8	1.3
22	58.08	57.60	25.5	31	85	72	Calm	S 1	3	4	------	57.64	55.80	24	31	86	68	Calm	SW 1	10	8	------
23	58.42	56.64	25.5	31.5	84	71	Calm	W 1	2	5	15.2	55.08	52.57	25.8	31.4	78	70	Calm	NNE 1	9	10	------
24	57.96	56.30	25.6	31	87	73	Calm	SW 1	2	3	1	49.58	46.74	27.4	29.9	71	73	NNE 3	NNE 2	10	10	------
25	57.73	56.60	26.6	30.8	86	74	Calm	SW 1	3	4	------	48.14	48.36	25.9	31.5	86	73	NNE 1	Calm	10	10	------
26	58.28	57.10	25.5	30.7	81	72	Calm	SW 1	4	5	------	53.87	54.47	26	31	88	75	Calm	SW 1	7	6	------
27	58.14	57.72	26.2	31.2	84	71	Calm	SW 1	3	2	------	56.81	55.55	26.1	31	87	72	Calm	W 1	8	7	------
28	58.61	57.85	26.2	31	85	67	Calm	SW 1	6	8	------	55.26	53.15	24.7	29.5	88	72	Calm	N 3	10	10	5.3
29	58.48	57.30	24.6	30.7	82	67	Calm	SW 1	4	3	------	51.14	46.56	25.4	25.2	88	98	N 5	W 6	10	10	393.7
30	59.71	58.30	25	30.7	83	74	Calm	NW 1	7	6	26.7	46.94	50.08	24.2	24.6	98	95	S 6	S 3	10	10	88.9
31	------	------	------	------	------	------	------	------	------	------	------	53.96	54.70	22.5	30.2	91	75	Calm	S 2	8	6	------
Mean	56.84	55.94	25.9	30.3	85.6	74	0.1	1.1	6.1	6.3	------	55.88	54.62	25.6	30.4	87	74.3	0.6	1.3	6.7	7	------
Total	------	------	------	------	------	------	------	------	------	------	266.4	------	------	------	------	------	------	------	------	------	------	529.5

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0-10.*	*0-10.*	*mm.*
1	58.68	57.66	24.5	29.5	92	79	Calm	SW 1	6	7	------	59.33	57.96	23	28.7	93	78	Calm	SW 1	10	8	------
2	59.42	57.41	25	30	93	76	Calm	W 1	8	3	------	59.60	58.74	24.2	29	78	82	NNE 1	SE 1	7	8	------
3	56.94	51.27	24	28.5	85	80	NE 1	NE 2	8	10	------	59.35	57.95	23.4	28.6	85	77	Calm	W 1	5	7	------
4	48.81	52.89	28.5?	33.2	62?	48	SSE 2	SSW 2	10	8	------	59.19	57.79	22.2	28.5	85	77	Calm	S 1	8	2	------
5	58.47	57.90	25	30.6	80	66	Calm	W 1	1	3	1.8	58.34	57.05	22.4	29	89	78	Calm	S 1	6	5	------
6	58.87	56.48	25.2	29.5	86	71	Calm	Calm	6	7	------	57.39	54.73	21.7	28.5	85	65	NNE 1	NW 1	8	9	------
7	58.61	56.98	25.4	30	84	70	Calm	NW 1	2	2	------	51.77	49.81	26	28	87	74	N 1	NNE 2	10	10	------
8	59.04	57.65	24	30	85	74	Calm	NW 1	0	0	------	49.88	51.62	26.6	28.4	83	85	Calm	SW 1	10	10	------
9	59.06	57.28	25.7	30	88	74	Calm	W 1	0	3	------	54.31	55.97	23.5	28.9	92	81	NNE 1	SW 1	8	9	------
10	57.75	55.54	24.5	30	85	75	Calm	SSW 1	4	10	2.5	57.56	57.19	25.5	29	92	81	Calm	N 2	6	5	------
11	55.14	56	25.4	28.7	86	76	NNE 1	NNW 1	9	9	------	57.28	56.39	25	27	96	90	Calm	Calm	10	10	3.8
12	57.48	57.33	24.8	29.2	89	76	Calm	W 1	10	8	5.1	56.95	55.60	24	28.2	96	85	Calm	W 1	10	9	------
13	59.08	57.99	23.5	29.2	90	71	Calm	NW 1	7	2	------	56.78	55.25	25	28.5	96	85	Calm	NW 1	7	6	------
14	60.86	58.73	24.5	29.5	87	78	Calm	NNW 2	3	3	------	56.86	55.59	25.7	29.2	98	87	Calm	NNW 2	10	9	------
15	60.90	59.13	24.6	29.5	88	63	NNE 1	NNW 1	1	4	------	57.44	56.57	24	29	97	83	Calm	Calm	5	4	------
16	60.17	58.39	24.3	29	89	74	NNE 1	W 1	4	8	------	58.48	57.29	24	29	93	85	Calm	SW 1	3	8	------
17	58.83	57.75	24.6	29.7	88	70	Calm	SW 1	2	3	------	59.87	57.61	25	28.5	92	85	Calm	N 3	9	2	------
18	60.71	58.60	22.5	31.5	78	62	N 1	S 2	1	0	------	59.30	58.20	23.7	29	87	68	NNE 1	NNE 3	3	8	------
19	60.97	59.69	21.4	29.5	82	61	Calm	SSW 1	0	3	------	60.03	59.25	23	29.5	76	64	NNE 1	SSW 1	3	6	------
20	61.34	58.68	22.7	31.5	84	62	SSE 1	S 1	0	0	------	60.89	59.74	22.6	29	77	65	NNE 1	SW 1	8	5	------
21	59.97	57.92	23.4	31.2	84	64	Calm	S 1	0	3	------	61.04	60.09	23.2	28.7	78	69	Calm	NW 1	2	3	------
22	58.88	57.34	24.8	31.5	79	63	Calm	SW 1	4	2	------	60.06	58.53	22.9	30	84	68	Calm	SW 1	2	4	------
23	59	56.90	23.8	30	81	68	Calm	SSW 1	0	7	------	60.19	59.42	22.2	29.1	72	68	Calm	SSW 1	3	5	------
24	57.98	56.46	24.4	30.5	84	65	Calm	W 1	8	7	------	60.83	58.45	21.6	28.8	82	73	NNE 1	NW 1	2	4	------
25	56.88	55.11	24.5	30	87	75	Calm	W 1	3	4	------	60.46	58.45	24	28.7	84	73	Calm	NW 2	8	0	------
26	55.87	54.46	25.5	30.7	88	71	Calm	SW 1	1	1	------	59.78	58.44	23	29.2	86	83	N 1	SSW 1	6	8	------
27	56.58	55.89	27.2	29.1	90	81	Calm	WNW 1	10	6	9.1	58.80	56.23	23.5	29.7	71	75	Calm	W 1	3	1	------
28	57.63	56.49	24	29.5	95	76	N 1	NW 1	4	3	------	57.05	55.74	23.5	29.5	90	80	Calm	W 1	0	0	------
29	58.38	57.53	24.5	27.4	92	84	Calm	N 1	8	10	14.8	57.48	56.86	25	29.1	89	83	Calm	NW 1	5	8	------
30	60.20	58.46	22.9	23.5	89	87	E 3	NE 2	10	10	10.2	58.93	57.83	25	29.7	92	84	Calm	NW 1	4	5	------
31	------	------	------	------	------	------	------	------	------	------	------	58.89	58.09	25.5	29.6	92	82	Calm	SW 1	2	8	------
Mean	58.42	57	24.5	29.7	85.7	71.3	0.4	1.1	4.3	4.9	------	58.20	57.05	23.9	28.9	87	77.8	0.3	1.2	5.9	6	------
Total	------	------	------	------	------	------	------	------	------	------	43.5	------	------	------	------	------	------	------	------	------	------	3.8

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 9.5 meters; gravity correction not applied, −1.58 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a.m.
	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.		6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	6 a.m.	2 p.m.	
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10.*	*0–10.*	*mm.*
1	61.98	60.99	18.7	30	99	65	Calm	NW 3	0	3	------	61.92	61.10	19.9	31.6	93	56	Calm	WNW 3	0	1	------
2	62.97	60.51	18.4	30.6	98	70	Calm	WNW 2	0	3	------	61.20	59.76	20	31.3	98	55	Calm	WNW 3	0	1	------
3	61.75	60.87	17	31.2	98	62	Calm	WNW 3	0	4	------	60.34	58.38	19.8	31.6	96	57	Calm	WSW 3	0	1	------
4	61.98	60.80	16.9	31.3	99	65	Calm	WNW 3	0	1	------	60.09	59.81	21.2	30.1	98	64	Calm	NW 3	0	2	------
5	62	60.67	20.1	31	93	65	Calm	W 3	0	2	------	61.50	59.66	20	33	98	52	Calm	WNW 3	0	2	------
6	62	60.25	21.8	30.9	96	61	Calm	WNW 3	0	4	------	61.07	59.87	22.3	30	94	66	Calm	WNW 1	4	8	------
7	61.46	61.09	23.9	25.4	91	85	WNW 2	NNW 3	10	10	------	60.34	59.11	22.1	31.5	94	57	E 1	W 3	0	1	------
8	62.37	59.69	16.9	29.2	99	70	Calm	WSW 3	0	4	------	61.06	60.37	23.4	31.7	93	55	E 1	WSW 3	0	1	------
9	61.26	59.57	20.1	35.2	93	49	Calm	WSW 2	0	3	------	61.60	59.61	20	32.5	98	54	Calm	W 3	0	2	------
10	61.32	60.87	19.9	30	93	65	Calm	WNW 3	0	3	------	60.82	59.36	22.1	30.6	94	63	E 1	WNW 3	0	2	------
11	62.27	61.92	18.7	31.2	99	62	Calm	WNW 3	0	4	------	60.27	59.26	21.2	32.6	95	56	E 1	NW 3	3	3	------
12	62.32	61.63	18.3	30	99	65	Calm	WNW 3	0	1	------	60.89	59.86	23.4	32.1	93	56	Calm	W 3	0	2	------
13	62.98	61.75	18	32.5	99	54	Calm	NW 3	0	3	------	60.86	59.05	21.2	33.5	98	49	Calm	NW 3	0	4	------
14	63.10	62.41	20.1	31.6	93	63	Calm	NNW 3	0	3	------	60.64	60.11	22.1	32.6	94	56	E 1	NW 3	0	3	------
15	64	62.19	18.7	33.6	99	53	Calm	S 2	0	3	------	62.02	61.82	20	31.5	98	57	Calm	NW 3	0	4	------
16	64	63.68	19.9	30.3	93	63	Calm	NW 3	5	3	------	62.02	61.34	19.9	29.2	98	70	Calm	NW 3	0	5	------
17	64.99	62.92	22.6	29.5	89	66	N 2	N 5	10	4	------	61.89	61.03	20.6	30.7	96	60	Calm	WNW 3	0	3	------
18	64.33	62.90	18.3	31.1	99	69	Calm	WSW 3	0	3	------	61.39	60.72	20	30.6	98	64	Calm	W 3	0	2	------
19	63.39	61.48	20	30.1	98	64	Calm	NW 4	0	2	------	62.25	62.57	21.5	26.6	92	86	E 1	NNW 3	8	10	2.3
20	62.50	60.23	21.8	29.3	96	66	Calm	NW 3	8	1	------	62.30	60.93	18.4	31.2	99	58	Calm	NNW 4	1	3	------
21	61.62	60.36	20.1	30.6	93	63	Calm	NW 3	0	2	------	62	60.32	18	33.1	100	54	Calm	W 3	0	1	------
22	63.10	60.97	19.9	30.7	93	60	Calm	NW 3	0	1	------	61.84	60.71	21.2	32.6	95	56	Calm	NW 3	0	2	------
23	62.50	60.43	19	32.1	96	60	Calm	NW 4	0	1	------	61.95	60.92	21.2	32.7	95	53	Calm	NW 3	0	3	------
24	61.52	60.37	21.8	30	96	65	Calm	N 4	0	3	------	61.96	59.96	22.3	33.1	94	55	Calm	NNW 4	0	2	------
25	62.33	60.21	18.3	32.5	99	56	Calm	NW 4	0	2	------	62.02	60.45	22.1	30.6	94	67	E 1	NNW 4	0	2	------
26	62.08	60.86	23	29.3	97	69	Calm	NW 2	3	7	------	62.19	60.60	21.5	31.7	92	63	E 1	NNW 3	0	1	------
27	61.05	60.07	21	30.1	98	65	Calm	NW 3	0	2	------	62.02	60.41	19,9	30.6	98	67	Calm	NW 3	0	1	------
28	61.94	60.23	19.6	31.2	98	62	Calm	NW 3	0	1	------	63.07	60.56	23	31.1	95	53	N 3	N 5	5	0	------
29	61.59	59.97	18	31.6	99	56	Calm	NW 2	0	1	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
30	62.05	60.62	20	31.2	98	60	Calm	NW 3	0	1	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
31	61.82	60.85	21.8	30.5	98	62	Calm	NW 3	0	1	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	62.41	61.01	19.8	30.8	96.4	63.2	0.1	3	1.2	2.8	------	61.48	60.27	21	31.4	95.7	59.2	0.4	3.1	0.8	2.6	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2.3

Day.	MARCH.											APRIL.										
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10.*	*0–10.*	*mm.*
1	61.95	60.80	19.9	30.6	98	63	Calm	NW 3	0	2	------	60.63	59.46	23	33.1	95	55	Calm	NW 3	1	4	------
2	63.02	61.22	21.3	33.3	97	50	Calm	N 4	0	2	------	59.98	58.50	24	33.9	91	52	Calm	SW 4	8	4	------
3	62.58	61.50	21.2	30.6	95	60	Calm	NW 3	0	1	------	60	59.05	25.2	35.1	95	50	Calm	SW 5	8	3	------
4	63.02	62.14	22	32.5	95	52	Calm	W 3	1	2	------	60	59.20	24.3	33.5	92	56	Calm	W 4	5	4	------
5	63.25	60.94	20.4	34.1	98	47	Calm	WNW 3	0	1	------	60.51	60.15	25.1	33.4	92	53	Calm	WNW 3	2	3	------
6	61.93	60.35	23	32.7	95	54	ENE 1	WSW 3	1	1	------	61.05	59.78	24.8	33.1	88	55	Calm	SW 4	1	3	------
7	61.80	60.70	21.3	31.6	97	55	Calm	WSW 8	3	3	------	61.10	61.49	26.5	32	92	61	Calm	NNW 5	4	4	------
8	62.95	61.32	20.4	32.7	98	53	Calm	WNW 4	1	3	------	61.38	59.41	21.6	33.2	95	58	Calm	W 3	2	3	------
9	62.49	60.75	21.8	32.9	98	56	Calm	WSW 4	0	1	------	61.25	60.64	24.8	33.5	88	54	Calm	W 3	2	4	------
10	62.33	62.24	22	33.1	95	54	Calm	WSW 4	4	3	------	61	59.89	24.3	33.7	92	56	Calm	WNW 3	2	3	------
11	62.92	60.11	21.3	34	97	49	Calm	WNW 4	0	2	------	60	59	25.1	33.5	92	53	Calm	WNW 3	3	2	------
12	60.73	58.83	23	32.7	95	52	Calm	WSW 4	2	3	------	60.22	59.80	24.8	33.1	90	55	Calm	WNW 3	1	3	------
13	60.54	59.90	24	32.6	91	55	ESE 1	WSW 4	0	3	12.7	61.50	60.40	24	32.9	91	55	Calm	NW 4	4	4	------
14	60.98	60.37	23	29.5	95	64	NNE 1	NNE 5	10	10	.8	60.88	60	25.2	33.2	93	58	Calm	NW 3	3	4	------
15	62	60.45	22.8	36.1	86	38	NNE 1	NE 2	6	2	------	60.95?	58.54	24.3	33.7	91	52	ESE 1	SW 4	2	3	------
16	61.89	60.30	21.8	31.5	98	56	Calm	NW 3	1	2	------	60.46	58.40	25.1	32.9	92	58	Calm	SW 4	2	4	------
17	61.33	61.48	24	29.6	91	63	ESE 1	NNE 4	6	8	------	59.18	56.49	25.3	33.7	89	55	Calm	SW 4	3	3	------
18	62.94	60.95	21.3	32	97	55	Calm	NW 5	2	4	------	58.97	57.92	25.1	28.8	92	71	ESE 1	SSE 5	3	10	------
19	63.47	61.85	20.4	30.6	98	65	Calm	NNW 3	0	3	------	59.30	59.08	25.5	32.2	91	56	Calm	WNW 4	6	10	------
20	63.07	61.04	19.1	29.6	97	63	Calm	WNW 3	0	3	------	60.30	59.58	24.6	33.9	95	54	ESE 1	WNW 4	3	3	------
21	61.08	60.95	23	30.2	95	65	E 1	WNW 4	4	6	------	60.37	59	25.1	34	92	55	Calm	WNW 4	2	3	------
22	60.67	60.04	22.3	31.9	96	55	ESE 1	WNW 4	2	3	------	60.21	58.87	24.3	34.7	92	53	Calm	NW 3	3	1	------
23	61.03	60.87	23.8	31.5	91	58	Calm	NW 4	5	4	------	60.11	58.98	23.5	36.8	92	47	Calm	NW 3	1	1	------
24	61.94	61.21	22	31.4	95	56	Calm	NW 4	2	4	------	61.33	59.01	21.6	37.5	89	42	Calm	E 5	1	1	------
25	62.08	60.20	21.8	30.3	98	63	Calm	NNW 6	2	3	------	60.61	58.11	25	37.3	92	43	Calm	E 4	0	4	------
26	61.01	59.36	23	32.6	95	54	Calm	NW 5	1	4	------	59.90	58.53	24.9	35.1	91	51	Calm	NNW 4	1	3	------
27	61.12	59.46	22.7	36	96	42	Calm	ESE 2	1	3	------	59.39	58.07	25.1	34.2	92	53	Calm	SW 4	0	1	------
28	61.07	60.85	21.5	32.9	92	63	Calm	NW 4	1	4	------	59.05	58.55	25.5	34.6	91	47	Calm	WSW 4	0	1	------
29	61.12	61.46	23	33.1	95	55	Calm	WNW 4	0	4	------	59.09	57.98	25.3	33.7	89	55	Calm	WNW 4	0	2	------
30	62.01	60.40	22.4	31.6	94	61	Calm	W 3	1	7	------	58.68	57.38	26	32.8	90	57	Calm	SW 4	0	4	------
31	60,93	59.90	24	31.7	91	59	ESE 1	WSW 4	3	4	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------
Mean	61.91	60.71	22	32.1	95.1	56	0.3	3.7	1.9	3.4	------	60.25	59.04	24.6	33.8	91.5	54	0.1	3.8	2.4	8.4	------
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	13.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0

NOTE.—The temperatures of this station at 2 p. m. are not reliable: they seem to be too high.

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 9.5 meters; gravity correction not applied, —1.58 mm.]

Day.	MAY.											JUNE.											
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.64	57.40	25.5	34	80	65?	Calm	WSW 3	0	2	------	57.07	57.42	24.7	30.5	94	74	Calm	WSW 3	3	4	------
2	58.94	57.23	25.2	32.8	93	------	Calm	W 4	0	1	------	58.44	58.30	25.3	32	94	63	Calm	WSW 2	3	5	------
3	58.24	56.24	24.4	34	97	------	Calm	WSW 4	1	1	19	59.39	58.41	25.5	31.7	91	69	Calm	WSW 2	2	4	------
4	58.04	55.93	25	31.8	98	------	Calm	WSW 4	4	10	13.5	58.76	57.62	25	33.1	97	60	Calm	WSW 3	0	4	------
5	57.77	57.15	24.9	34	99	------	Calm	WNW 2	2	3	------	57.97	57.19	25.3	32.6	94	59	Calm	WSW 3	0	3	------
6	58.29	57.10	26.2	33.4	97	66	Calm	WNW 2	0	9	------	58.91	58.01	25.8	32.9	95	56	Calm	W 3	0	4	------
7	58.23	56.38	26.5	33	93	67	Calm	WNW 2	8	8	10.2	59.04	57.46	26	32.6	94	62	Calm	WNW 3	0	2	------
8	58.73	57	25.1	33.2	98	51	Calm	WNW 1	9	7	------	58.01	56.61	25.3	33.5	94	55	Calm	SW 3	0	2	8.1
9	57.75	57.11	26.5	33.4	77	64	Calm	SW 4	1	1	------	56.78	56.02	25	33.2	93	54	Calm	WSW 2	0	3	7.4
10	59.32	56.46	27.3?	33.7	88?	57	Calm	SW 3	0	1	------	56.97	56.19	24.7	32.4	94	57	Calm	WSW 2	0	5	------
11	58	56.53	28	35.1	85	55	Calm	SW 4	2	3	------	57.42	56.12	24.1	33.9	96	53	Calm	WSW 2	1	3	------
12	58.48	57	26.5	34.2	91	48	Calm	W 3	2	4	------	56.97	56.57	26	33.1	94	59	SSE 1	W 2	0	3	------
13	58.42	55.97	26	35.1	94	51	ESE 1	SW 4	0	3	8.9	57.83	56.70	24.7	33.5	94	55	Calm	WNW 2	0	3	------
14	57.02	55.20	25.3	33.1	93	59	SE 1	SSW 6	10	10	105.6	57.76	56.59	25	33.7	93	56	Calm	SW 2	0	2	------
15	57.94	57.45	24.8	29.9	93	73	Calm	SSW 3	10	10	54.6	57.38	56.76	25	34.1	93	53	Calm	SW 2	0	3	5.3
16	57.44	57.07	25.2	29.9	93	76	Calm	Calm	9	7	12.4	58.01	57.89	25.3	33.1	94	59	Calm	WSW 2	0	3	13.5
17	57.06	56.86	25.5	30.6	89	80	Calm	SSW 1	10	10	------	58.32	56.95	25.5	34.2	91	51	Calm	WSW 3	0	2	------
18	58.04	57.14	25.4	33	88	63	Calm	SW 4	10	10	58.4	57.57	56.61	26.4	33.5	93	53	Calm	WSW 2	0	3	4.6
19	58.92	58.25	25.2	31.5	95	68	Calm	SW 4	10	10	75.4	57.62	56.05	26	33.2	93	52	Calm	WSW 2	0	4	9.4
20	58.12	56.39	25.1	30.4	92	76	Calm	SW 3	10	10	53.3	57.77	56.59	25.9	29.8	91	73	Calm	WNW 2	6	8	1.5
21	56.54	56.47	25	26.2	93	92	Calm	SW 4	6	10	6.6	57.01	56.84	25.3	30.5	94	65	Calm	WSW 2	0	6	------
22	56.97	55.75	25.2	33.5	93	58	Calm	SSW 4	3	4	------	57.54	56.41	25.8	32.6	92	58	Calm	W 2	0	6	.8
23	57.02	55.69	27.8	31.5	86	78	Calm	WNW 5	1	2	8.4	56.94	56.03	26	32.5	92	50	Calm	W 3	0	5	13.2
24	58.03	57.06	25.5	30.6	93	74	Calm	WSW 4	3	6	24.9	56.99	56.09	25.5	33.6	91	48	Calm	SW 2	0	3	------
25	58.43	57.57	25	31.5	93	74	Calm	WSW 2	3	2	54.6	57.13	55.90	26.1	33.7	91	49	Calm	W 2	0	2	16.5
26	59.01	57.27	25.2	32.6	95	65	Calm	WSW 3	1	4	65	56.97	56	25.4	33.1	95	49	Calm	WSW 2	0	2	------
27	58.01	57.39	25.4	30.3	88	71	Calm	SW 4	1	8	50.8	56.01	55.31	26	32.9	93	51	SSE 1	WSW 2	0	3	.8
28	58.89	58.45	25.5	25	93	95	Calm	SSE 3	10	10	143.5	55.97	55.53	26.1	34.2	88	44	Calm	S 5	2	3	------
29	57.99	57.27	24.2	31.4	97	70	Calm	WSW 2	10	10	8.3	56.54	56.10	25.9	34.1	89	42	Calm	S 5	0	2	------
30	57.07	56.14	25.5	30.3	93	75	Calm	SSW 5	4	10	19.6	56.97	56.03	26	33.8	93	49	Calm	S 5	0	3	9.4
31	56.82	55.11	24.9	31.1	94	67	SSW 2	SSW 3	10	10	59.7	------	------	------	------	------	------	------	------	------	------	------
Mean	58.04	56.78	25.6	31.9	92	68.1	0.1	3.2	4.8	6.3	------	57.54	56.68	25.5	32.9	93	55.9	0.1	2.6	0.6	3.5	------
Total	------	------	------	------	------	------	------	------	------	------	852.7	------	------	------	------	------	------	------	------	------	------	90.5

Day.	JULY.											AUGUST.											
	mm.	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°C.	°C.	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.44	56.10	25	32.5	93	60	SSE 1	S 5	10	9	50.8	53.53	53	25.5	32.6	96	62	SE 1	SSW 3	10	6	14.7
2	56.01	56.35	24.8	25.5	93	93	Calm	S 6	8	10	26.2	54.22	54.68	26.1	32.5	93	61	SSE 1	SSW 4	10	7	------
3	55.02	54.06	25	31.4	93	68	Calm	SSW 5	4	10	------	55.91	55.33	26.4	27.5	92	90	Calm	SSW 4	4	10	9.2
4	56.08	55.30	26.6	33.1	92	63	Calm	SSW 4	4	3	------	55.25	54.85	26.8	33.4	86	58	Calm	SSW 4	4	5	1.8
5	57.14	57.32	26.3	33.5	90	60	Calm	SW 4	3	4	------	55.23	56.37	26	25.4	94	97	SW 1	SSW 3	10	10	38.4
6	58.16	57.20	25.7	33.8	92	56	Calm	SW 4	0	3	------	56.09	55.50	25.5	30.6	96	73	Calm	SSW 3	4	7	24.9
7	58.28	57.61	26	32.6	92	63	Calm	WSW 2	0	3	------	56.91	56.50	25.2	30	92	78	Calm	SSW 4	10	10	15.2
8	59.03	58.12	26.1	32.7	91	61	Calm	SW 2	0	2	3.6	55.44	55.04	25.1	27	94	92	Calm	SSW 4	10	10	27.6
9	59.55	59.01	26.3	33.6	90	60	Calm	WSW 2	0	2	------	54.22	54.44	26	30.3	94	75	SSW 2	SSW 5	10	10	11.9
10	60.25	58.98	26	33.8	94	57	Calm	WSW 2	0	1	.8	55.19	55.39	25.8	31.6	90	71	Calm	SSW 4	10	6	5.1
11	58.94	57.94	26.2	34.1	92	58	Calm	WSW 2	1	2	1.8	56.32	56.47	25.2	26.5	92	93	Calm	S 4	4	10	17.8
12	59.02	57.48	26.9	33.6	90	57	Calm	W 2	0	1	------	56.29	55.01	25.4	30	95	78	Calm	S 4	4	10	41.9
13	58.12	56.60	26.7	32.9	87	57	Calm	WNW 2	0	1	2.5	55.44	55.04	24.7	30.1	94	75	Calm	S 3	7	10	7.1
14	57.90	56.46	26.3	32.7	90	57	Calm	W 2	0	1	.3	56.22	55.22	25.3	32.2	93	69	Calm	SSW 4	4	7	------
15	57.93	56.40	26	36.5	94	45	Calm	W 1	0	4	------	56.24	56.32	25.4	31.6	95	71	Calm	SSW 4	6	6	7.1
16	57.95	57.42	26.1	35	91	52	Calm	NW 2	7	4	------	58.32	57.22	24.1	31.6	97	70	Calm	SSW 4	0	3	------
17	57.51	56.96	26.9	32.7	88	61	Calm	WSW 3	1	6	------	58.07	56.05	24.3	31.5	94	69	Calm	WNW 2	2	4	------
18	57.77	56.46	26	30.4	92	69	Calm	WSW 1	1	10	------	56.34	54.45	25	31.4	93	68	Calm	NNW 4	1	7	2.5
19	56.91	55.21	25.8	32.5	90	56	Calm	WNW 3	0	4	3	55.38	53.60	25.9	33.5	93	60	Calm	NNW 3	3	4	1
20	55.77	54.96	26	32.7	94	59	Calm	SW 2	0	3	70.6	55.48	53.97	26	32.1	95	63	Calm	NW 3	3	5	14.5
21	56.01	55.84	25.8	33.1	90	65	Calm	WSW 3	1	4	------	55.29	54.94	25	25	93	95	Calm	SSE 1	10	10	87.2
22	56.55	56.29	26	33.4	92	60	Calm	SSW 4	0	4	59.7	55.28	55.02	25.9	30	93	78	Calm	S 4	10	9	15.7
23	57.98	57.25	25.6	30.4	93	78	Calm	SSW 3	6	10	25.1	55.27	54.52	24.9	31.4	94	68	Calm	SSW 4	4	5	------
24	56.44	54.75	25.8	30.5	87	75	Calm	SSW 2	5	10	2	55.73	54.94	25.1	26.1	96	94	Calm	SSW 2	6	10	78.7
25	54.73	53.72	26	31.4	90	67	Calm	NW 2	10	8	4.9	55.34	55.97	25	26.5	95	93	Calm	SSW 3	9	10	46.5
26	54.83	53.27	25.9	30.4	86	74	Calm	W 3	5	10	36.1	56.99	56.60	26	30	94	71	Calm	SSW 5	10	10	10.2
27	53.02	52.07	26	31.5	94	78	Calm	W 4	10	10	3	58.44	57.57	26.2	32.6	94	62	Calm	SW 4	4	5	.3
28	52.03	50.59	25.9	33.4	89	60	Calm	SSW 3	4	3	------	59	58.50	25	31.3	95	68	SE 1	SW 5	4	4	------
29	51.03	48.67	25.6	33.5	93	63	Calm	S 1	5	10	2.5	59.29	57.74	24.9	32.1	94	66	Calm	SW 3	3	4	------
30	49.46	49.56	27	30.6	94	78	SSE 1	SW 2	10	10	48	58.74	58.30	24.5	31.4	94	68	Calm	SW 4	2	5	------
31	51.13	52.03	26	30.5	94	78	SE 1	SE 1	10	10	2.5	57.64	57.10	25	30.5	95	76	Calm	SW 3	2	7	44.4
Mean	56.39	55.48	26	32.4	91.3	64.1	0.1	2.7	3.4	5.5	------	56.23	55.67	25.4	30.3	93.7	74.6	0.2	3.6	5.8	7.3	------
Total	------	------	------	------	------	------	------	------	------	------	343.4	------	------	------	------	------	------	------	------	------	------	523.7

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 9.5 meters; gravity correction not applied, —1.58 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	57.04	55.92	24.3	30.6	94	74	Calm	SW 4	10	10	33.3
2	57.02	55.36	25.8	30	93	77	Calm	WSW 3	10	8	9.4
3	56.87	55.37	24.5	29.6	93	77	Calm	WSW 4	6	10	100.6
4	56.02	54.38	25	31.9	93	65	Calm	SW 3	10	6	50.8
5	55.05	53.93	25	31.4	92	67	Calm	SW 4	3	5	8.1
6	54.94	53.72	26	31.5	94	63	Calm	WSW 4	10	7	16.6
7	53.94	53.03	25.6	26.1	93	96	Calm	WSW 4	4	10	57.9
8	52.24	52.12	24.8	23.6	88	97	Calm	NNE 1	5	10	43.9
9	53.15	53.12	24.5	28.5	90	75	Calm	NW 2	8	10	6.3
10	53.84	53.62	25.8	30.9	93	75	Calm	SW 2	6	10	63.8
11	54.74	54.84	26	28.2	94	88	Calm	SW 2	6	10	7.1
12	55.43	54.76	23.9	32	94	65	Calm	WNW 2	0	4	------
13	55.82	55.42	25.8	32.6	93	62	SE 1	WSW 3	0	3	------
14	56.35	56.26	24.1	32.7	96	62	Calm	SW 3	0	1	------
15	56.99	56.72	25	31.9	95	65	Calm	SW 3	0	8	50.8
16	58.69	58.12	25.5	31.6	96	67	Calm	W 3	0	5	12.4
17	59.37	59.04	24.4	31.5	95	73	Calm	SW 3	0	4	------
18	58.40	56.86	25.3	35.1	93	55	Calm	WNW 2	1	3	------
19	57.89	56.03	26.5	35.4	91	51	NE 1	SW 3	0	3	------
20	57.91	57.04	26.3	32.2	90	65	Calm	SW 3	4	4	8.1
21	58.73	57.67	25.5	31	93	75	Calm	SW 3	3	5	1.8
22	57.92	57.32	24	33	98	62	Calm	W 3	0	3	------
23	58.47	56.48	25.1	33.4	97	59	Calm	SW 4	0	3	------
24	57.94	56.29	25	33.5	93	61	Calm	SW 3	0	4	------
25	57.88	57	24.4	31	98	71	Calm	WNW 4	0	6	------
26	58.04	57.03	25	30.1	96	75	Calm	WNW 4	0	7	------
27	58.27	57.76	24	30.6	98	74	Calm	SSW 2	2	7	2.8
28	58.53	57.60	24	31.9	96	68	Calm	WSW 3	1	5	------
29	58.29	57.66	23.7	32.1	97	64	Calm	WNW 3	0	4	------
30	59.02	58.30	24.4	31.6	97	72	Calm	WNW 3	0	4	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	56.83	55.96	25	31.2	94.1	70	0.1	3	3	6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	473.2

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.95	58.40	24.4	32.5	98	67	Calm	WNW 3	0	2	------
2	58.78	55.84	24.5	34.8	96	55	Calm	NW 3	0	3	------
3	56.73	54.72	25.2	34.5	97	55	NE 1	E 2	4	4	------
4	56.07	54.70	23.9	33.1	97	60	Calm	NW 2	1	1	------
5	56.02	54.68	23.6	34.1	98	60	Calm	SW 2	0	0	------
6	55.50	53.95	23.7	33.6	98	59	Calm	WNW 3	0	1	------
7	55.07	53.80	23.9	32.7	97	62	Calm	WNW 3	0	2	------
8	55	54.21	23.6	33.1	98	59	Calm	WNW 3	0	2	------
9	55.53	54.60	24	33	97	61	Calm	WNW 3	0	2	------
10	56.02	55.51	23.9	33.6	97	57	Calm	SW 3	0	1	50
11	59.24	58.49	24.5	31.4	97	72	Calm	WNW 3	9	8	1.3
12	60.05	58.44	25	31.3	97	70	SE 1	WNW 4	1	6	------
13	59.19	56.35	23.5	33.5	98	60	SE 1	WSW 3	1	4	------
14	57.20	55.57	24	34.1	97	58	Calm	WNW 2	1	3	------
15	57.28	55.72	26.2	32	92	66	Calm	WSW 2	4	7	57.9
16	58.13	56.42	25.9	32.2	94	63	Calm	WSW 3	6	4	50.3
17	58.97	57.06	24.5	32.1	98	62	Calm	SW 2	8	6	1.3
18	58.97	57.20	24.8	31.6	97	67	Calm	NW 4	3	2	1
19	58.14	56.40	24.3	33.9	97	56	Calm	NW 8	2	1	------
20	58.48	57.09	25	32.5	97	60	Calm	NW 3	1	3	------
21	58.42	56.20	24.2	35.8	99	49	Calm	SSE 1	1	1	------
22	57.98	55.85	22	34.1	99	55	Calm	NE 2	0	4	------
23	56.01	53.37	25.6	32.3	95	62	NE 2	NNE 3	7	7	1.3
24	52.03	48.91	26.5	27.5	88	85	NNE 3	NNE 2	10	10	17.2
25	48.35	48.12	26.3	34	90	56	SE 2	SE 3	10	6	------
26	53.01	53.90	24.5	33.2	98	58	S 1	WSW 2	1	1	------
27	56.44	55.46	24.3	29.6	97	77	Calm	NW 3	1	7	10.4
28	56.08	54.62	26	27.5	85	84	N 4	N 6	10	10	55.1
29	51.40	44.69	24.5	24	97	98	NW 9	NW 10	10	10	239.1
30	40.85	48.88	*	*	*	*	S 12	S 11	10	10	------
31	55.24	55.03	*	30.5	*	79	S 1	SW 1	10	10	------
Mean	56	54.65	24.6	32.3	96	64.4	1.2	3.2	3.6	4.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	484.9

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.79	57.56	24.5	31	96	73	Calm	SW 2	3	4	------
2	59.03	57.06	24.6	31.9	97	72	Calm	W 3	3	5	------
3	57.61	53.44	24.1	29.4	96	78	Calm	NNE 5	4	10	------
4	49.84	53.29	27	34.2	97	55	SSE 4	SW 1	10	8	------
5	58.03	58.02	24.6	30.1	97	73	Calm	WNW 3	4	4	------
6	58.24	56.80	24.5	30.5	97	74	Calm	W 1	0	3	------
7	58.81	57.31	24.6	30.6	97	78	Calm	NW 2	3	2	------
8	59.29	57.30	24.5	31.1	96	74	Calm	NNW 3	4	2	------
9	58.91	57.49	24.5	30.7	94	75	Calm	NW 3	1	3	------
10	58.11	55.82	23.9	33.5	96	58	NNE 1	ENE 3	4	4	5.8
11	56.03	55.77	24.5	30.6	97	72	NNW 1	E 2	10	10	------
12	57.34	56.92	24.5	31.8	96	66	NE 1	NW 3	10	4	9.7
13	59.14	57.82	24.2	31.1	97	74	E 1	NNW 3	0	3	------
14	60.24	58.61	24.1	31.3	96	71	NE 1	NNE 4	0	3	------
15	60.28	59.20	22.4	31.5	96	72	Calm	NW 3	0	2	------
16	59.74	58.71	24	30.5	97	75	Calm	NW 2	4	6	------
17	59.21	57.97	22	33.1	98	61	Calm	ENE 2	0	0	------
18	60.91	59.32	21.7	33.5	97	57	Calm	ENE 3	0	1	------
19	61.04	60.02	23.3	28.6	97	85	NE 1	NW 2	0	7	------
20	61.72	59.56	24.2	32	95	67	NNE 2	NE 3	7	3	------
21	60.32	58.88	24.5	32.1	96	62	NNE 1	NNE 3	0	2	2.8
22	58.80	58.50	24	30.6	97	69	NNE 1	NE 4	2	2	------
23	59.74	57.92	23.3	30	97	74	NE 1	NNE 4	1	2	------
24	58.24	56.85	25.4	31.9	97	64	Calm	N 4	3	2	------
25	57.38	55.54	24.5	31.8	96	66	NE 1	NNE 4	2	1	------
26	56.86	54.40	23.3	33.2	97	61	NE 2	NNE 4	1	1	------
27	57.29	55.70	24.4	31.1	98	67	Calm	NNW 4	0	3	17
28	58.09	57	23.3	30	97	75	Calm	NNE 4	0	6	9.7
29	59.04	58.87	25.1	26.5	98	90	NNE 3	NNE 4	6	10	14.5
30	60.05	59.42	24	27.1	97	94	NE 2	NE 4	10	10	3.8
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	58.60	57.37	24.1	31	96.6	71.1	0.8	3.1	3.1	4.1	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	63.3

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.49	58.25	24	30.6	97	69	NNE 3	NNE 4	10	4	------
2	59.91	58.21	23.9	31.1	96	65	NE 2	NE 4	3	3	------
3	59.51	57.98	22.3	33.5	97	57	NE 2	NE 4	1	2	------
4	59.76	57.57	20.2	32.6	98	64	Calm	E 3	0	2	------
5	58.92	56.85	21.4	32	98	65	Calm	E 4	0	3	------
6	58.01	55.14	19.5	31.3	99	68	Calm	NNE 3	1	2	------
7	53.95	52.04	26.1	27	96	86	N 3	NNE 5	10	10	9.4
8	51.55	51.61	26.9	30.5	96	70	E 5	E 2	10	10	------
9	53.74	54.10	26.4	33.4	97	58	Calm	NW 2	7	3	------
10	56.98	56.80	23.9	31.6	96	66	Calm	W 2	0	2	------
11	57.43	56.37	24.7	26	94	95	Calm	NE 1	10	10	27.9
12	56.88	55.61	24	29.3	97	77	E 1	N 3	3	3	------
13	56.84	55.51	23.9	29.6	96	74	Calm	NNE 4	4	6	------
14	57.34	56.03	25.4	29.6	97	75	NNE 1	NE 4	10	3	------
15	58.05	56.81	23.9	30.4	96	69	NE 1	NNW 3	4	1	------
16	58.92	56.82	22	32.1	99	64	Calm	NNW 3	0	1	------
17	60.04	59.32	22.2	27.7	98	88	Calm	NE 4	0	4	------
18	60.21	59.79	23.9	29.2	97	79	NNE 2	NE 4	0	3	------
19	61.01	59.98	23.3	29.6	97	74	NE 1	NE 3	0	1	------
20	61.01	59.52	23	33.1	98	56	Calm	ESE 3	0	1	------
21	61.69	60.01	20.5	30.7	98	70	Calm	NW 4	0	2	------
22	61.01	59.93	23	29.3	98	76	NNE 3	NE 4	1	1	------
23	61.08	59.83	22.2	29.6	98	75	NNE 8	NE 4	0	3	------
24	61.71	59.29	18.4	31.5	100	66	Calm	NE 2	1	6	------
25	61.01	58.98	21.1	30.6	97	69	NE 1	NNE 3	2	4	------
26	60.72	58.40	20.8	32.2	99	61	NE 1	E 2	1	4	------
27	60.24	56.17	20.7	32.4	99	63	Calm	NNW 3	1	3	------
28	57.52	55.97	23	30.7	98	70	NE 1	NNW 4	1	2	------
29	57.30	56.63	21.3	30.2	97	71	Calm	NW 4	1	2	------
30	58.94	56.97	22.2	30.6	98	69	Calm	NW 4	0	2	------
31	58.92	57.91	20.8	31.3	99	66	Calm	NW 3	1	4	------
Mean	58.70	57.24	22.7	30.6	97.4	70.2	1	3.3	2.6	3.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	37.3

* The thermometers were dismounted: the thermometer shelter was unroofed during a typhoon on October 30.

SANTO DOMINGO, BATANES.

[$\phi=20° 28'$ N; $\lambda=121° 59'$ E; barometer above sea, 18.7 meters; gravity correction not applied, —1.49 mm.]

Day.	JANUARY.											FEBRUARY.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	61.69	60.37	24.3	28.6	87	76	SSE 2	SSW 2	5	4	1.5	62.90	61.52	23	27.4	90	68	SE 1	SE 2	6	8	------
2	62.10	61.68	22	23.8	91	86	N 2	NNE 1	10	10	14.2	60.32	59.65	21.2	27.7	91	72	Calm	SSW 3	5	3	------
3	62.73	62.92	22	24.6	89	82	NE 3	NNE 3	8	8	69.3	59.65	58.22	21.4	28.6	87	73	Calm	SE 2	0	1	------
4	63.91	63.35	21.6	24.1	93	81	NNE 5	E 2	10	8	52.1	59.57	59.73	21.8	28.1	87	74	Calm	SW 3	0	4	0.7
5	62.98	61.02	22.4	27.6	89	80	ENE 2	ESE 3	10	6	25.5	61.99	61.22	22.4	24.2	86	82	ENE 1	NE 3	8	7	9.4
6	61.92	60.42	23.3	26.2	90	76	NNE 3	NNE 3	8	4	------	62.12	61.62	20.9	22	91	89	NNE 4	NE 4	10	10	4
7	60.62	59.77	21.6	23.9	86	79	W 3	WNW 4	4	8	31	60.94	59.97	22.1	27.2	88	77	E 2	ESE 3	6	7	------
8	62.21	62.31	20.1	21.4	82	80	N 5	NE 5	10	8	9.9	60.48	60.56	24.2	28	88	73	WSW 3	SW 3	6	3	------
9	64.18	62.88	21.4	24	83	80	NE 4	E 5	9	7	------	61.64	60.92	22	27.7	89	70	SW 1	SW 2	1	5	------
10	62.70	61.29	23.4	27.4	88	77	ESE 5	SE 4	6	4	------	60.89	59.72	24.2	28.4	89	72	SE 2	SE 3	4	6	------
11	62.05	61.16	24.4	27.1	88	80	W 2	WNW 4	3	2	------	59.98	59.57	25	29.2	85	72	SE 2	S 2	1	3	------
12	61.94	62.11	22.6	26.1	89	82	N 1	N 1	3	4	3.1	61.08	60.60	21.7	27	92	71	Calm	N 3	1	4	2.3
13	64.60	65.47	21.8	20.4	93	91	N 4	NNE 5	10	10	47	62.73	61.92	22	24.6	84	75	NE 2	NE 1	8	5	26.7
14	67.33	66.99	19	20.4	88	81	NE 5	NE 5	10	10	9.7	62.75	62.81	22.1	24.7	88	75	NE 3	NE 3	10	6	------
15	67.09	66.90	20	20.6	87	87	NE 3	NNE 4	10	10	20.5	64.27	62.96	22.4	25.9	88	76	NNE 1	NNE 3	9	3	------
16	66.29	66.30	19.8	21.8	89	75	NE 3	NE 4	10	10	28.9	63.65	62.85	22	27.6	77	64	NNE 3	NE 2	5	4	------
17	67.27	67.19	18.7	20.3	85	81	NNE 5	NNE 5	10	9	16	62.27	61.64	21.4	24.9	87	73	S 1	NNW 3	8	10	------
18	67.08	65.72	19.4	21.2	87	89	NE 4	NE 3	10	10	11.2	62.32	61.20	21.4	27.3	85	66	Calm	SSE 3	3	3	------
19	63.42	61.82	20.8	23.2	85	88	E 1	NNE 3	10	10	10.7	62.05	62.17	22.3	24	88	77	N 3	NNE 4	8	9	------
20	62.10	60.69	21.6	25.6	89	75	NNE 2	ENE 3	8	7	1.2	62.83	62.49	21	25.6	81	62	NE 2	NE 2	8	5	------
21	61.60	60.69	20	26.7	89	80	Calm	ESE 1	1	7	------	64	63.35	21.7	26.2	81	75	ENE 1	E 4	4	6	------
22	62.92	62.30	20.6	25.8	91	75	Calm	N 1	1	1	------	63.92	62.82	22.4	25.5	82	66	E 3	ESE 4	8	8	------
23	63.42	63.32	19.4	23.1	95	80	Calm	N 5	3	9	35.2	62.12	61.30	23.2	28	85	71	SE 4	SE 4	3	4	------
24	64.20	63.65	19.6	22.1	86	81	NE 4	NE 4	10	6	------	62.22	62.27	23.2	25.6	90	76	N 1	NNE 3	4	4	------
25	64.92	63.75	21.4	24.9	87	79	NE 1	ENE 3	6	5	.3	62.67	61.35	20.2	28	89	71	Calm	SSE 3	1	5	------
26	63.61	62.76	22.1	24.1	83	82	E 5	E 4	9	10	2	61.59	60.97	23.5	28.7	82	64	SE 3	SE 3	0	3	------
27	61.97	60.59	23.5	28	87	76	ESE 5	SE 4	4	5	------	61.33	60.42	20.1	28.7	93	64	Calm	SW 2	0	0	20.3
28	61.13	61.12	24	23.6	85	83	NW 1	N 4	8	10	7.7	66.40	64.87	18.2	19.4	88	74	N 5	NNE 5	10	10	12.6
29	63.50	63.50	21.7	22.8	81	74	NE 5	NE 3	10	9	.3	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
30	63.41	62.72	21.4	26.1	80	65	ENE 3	ESE 3	10	5	2.6	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
31	61.90	61	23.4	27.7	83	68	SE 3	SSW 3	7	5	------	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	63.44	62.77	21.5	24.3	87.3	79.6	2.9	3.4	7.5	7.1	------	62.10	61.38	22	26.4	86.8	72.2	1.7	2.9	4.9	5.2	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	399.9	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	76

Day.	MARCH.											APRIL.										
	mm.	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	64.93	63.60	19.6	23.1	76	66	ENE 2	E 8	7	6	------	60.32	59.70	23.4	25.9	90	80	NNE 2	NNE 4	7	8	------
2	64.72	63.75	21.3	25.3	84	69	N 1	NNE 2	4	4	------	58.29	58.68	25	30.2	92	74	SSE 3	SSE 3	5	6	------
3	63.22	62.43	22.8	26.8	88	75	E 1	ESE 2	5	6	------	58.61	59.18	24.2	30.3	90	70	SE 1	SSE 2	8	4	------
4	62.29	62.28	24.2	29.6	90	66	SE 3	S 8	4	5	------	59.42	59.67	24	29.6	90	78	Calm	SSW 2	3	6	------
5	63.07	62.34	21.4	27	91	75	Calm	SSW 2	1	0	------	59.17	60.29	24.5	28.9	94	71	SW 1	SW 3	6	6	0.2
6	62.50	60.82	23	28.1	83	70	ESE 2	SE 4	4	3	------	60.83	59.92	24.8	31	93	69	SE 1	S 3	3	3	------
7	60.89	61.01	23.3	28.4	92	72	SSW 2	SW 3	3	2	------	61.17	62.35	24.6	25.2	85	76	NNE 1	NE 4	7	8	5.8
8	62.62	63.68	23	22.6	90	82	Calm	N 5	1	9	8.4	63.62	63.67	20.7	22.6	76	65	ENE 4	ENE 4	10	10	.2
9	65.21	62.84	20.5	25.1	90	73	NE 4	ENE 3	10	8	.3	62.27	61.64	24.9	27	79	77	ESE 3	SE 4	5	7	------
10	62.25	61.74	22.5	26.5	80	66	E 2	E 3	5	4	------	61.43	61.20	26	29.2	90	74	SSE 4	SSE 4	6	5	------
11	63.52	62.70	23.6	27.5	80	67	ESE 1	ESE 2	5	4	------	59.30	59.86	25.8	30.6	92	69	SSE 4	S 4	7	6	------
12	60.78	58.80	23.5	27.6	91	74	SE 2	S 2	6	7	2.7	60.22	60.34	25.3	31	94	69	SE 4	SSE 4	5	4	------
13	59.13	60.72	21	20.6	93	85	NNE 3	NE 4	10	10	21.6	62.08	61.75	26.2	30.6	87	71	SE 4	SE 4	4	4	------
14	63.59	64.88	19	21.8	86	66	NE 5	NE 5	8	8	16.7	61.09	61.03	26.2	30	81	66	SE 4	SE 4	3	4	------
15	66.34	66.01	19.4	21.6	81	67	NE 5	NE 5	10	10	4.6	60.60	59.23	25	30.1	92	64	SE 4	SE 4	5	5	------
16	63.92	62.65	21.3	24.3	83	78	E 3	SE 3	7	7	3.8	59.59	59.08	26	30.8	84	69	SE 4	SE 4	4	5	------
17	59.80	61.74	22.6	21.2	77	77	WNW 2	N 5	10	10	3.2	58.42	57.39	26	30.7	84	69	SE 4	SE 4	5	4	------
18	64.72	65.11	20.9	23	86	74	NE 5	NE 4	10	10	1.4	57.91	58.55	26.6	31.1	82	66	SE 4	SSE 3	3	5	------
19	64.26	64.08	22.2	24.6	81	79	NNE 2	ENE 3	8	6	------	60.35	59.93	26.4	30.9	85	67	SE 4	SE 4	6	6	------
20	65.02	64.02	20.2	24.6	76	63	N 8	N 4	4	5	------	61.53	61.47	26	31	92	68	ESE 2	SE 3	3	4	------
21	62.02	61.85	23.1	27.6	83	66	E 3	SE 3	4	3	------	61.98	61.17	25.7	30.3	82	66	E 2	E 3	4	6	------
22	61.14	61	23.8	27.8	86	71	SE 4	SE 4	5	5	------	62.05	61.99	25.4	27.9	84	64	E 2	NE 2	2	7	.5
23	61.34	61.42	24.4	28.5	89	74	SE 4	SE 4	3	6	.3	62.88	62.93	24.8	25.1	83	84	NE 3	NE 3	6	8	9.2
24	61.99	62.15	22.4	25.8	88	72	N 3	N 3	10	8	.2	63.97	63.52	23.2	22.8	85	89	NE 4	NE 5	10	10	37
25	61.90	61.86	22.3	25.9	90	69	NNE 3	NNE 4	8	6	2.1	62.61	61.86	22.8	25.2	91	82	NE 4	ENE 3	10	10	7.9
26	63.30	63.03	20	23.8	81	68	NNE 5	NNE 5	8	8	------	62.25	61.23	25.3	29.2	89	76	E 3	ESE 3	4	5	------
27	64.06	64.57	20.8	23.4	82	73	NNE 5	NE 4	8	10	------	60.62	59.89	25.6	29.6	87	74	ESE 2	ESE 3	5	6	------
28	63.50	62.92	21	25.4	77	71	E 4	ESE 4	10	9	1	60.01	60.49	25.6	30.2	83	71	E 3	E 3	3	4	------
29	61.46	62.28	21.6	23.8	81	70	N 3	N 4	10	8	18.9	60.38	59.63	25.8	28.1	90	74	E 3	E 3	7	7	------
30	63.66	63.40	21.1	23.9	81	73	NNE 4	ENE 3	10	8	------	59.91	58.87	24.7	29.4	82	68	E 2	ESE 3	4	4	------
31	61.82	60.85	23	27.2	93	75	ESE 3	SE 2	6	9	.7	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	------
Mean	62.87	62.60	21.9	25.2	84.8	71.8	2.9	3.5	6.6	6.6	------	60.76	60.55	25	28.8	86.9	72	2.9	3.4	5.3	5.9	------
Total	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	85.9	-----	-----	-----	-----	-----	-----	-------	-------	-----	-----	60.8

SANTO DOMINGO, BATANES.

[ϕ=20° 28′ N ; λ=121° 59′ E ; barometer above sea, 18.7 meters ; gravity correction not applied, —1.49 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	58.56	57.35	25	31.1	92	71	SSE 1	S 2	5	6	------
2	57.42	57.24	25.5	30.1	92	67	WSW 2	W 3	3	3	------
3	57.72	56.87	24.5	28.7	91	70	ENE 1	ESE 2	4	8	24.8
4	57.27	56.26	24.5	25.1	90	88	NE 3	N 3	10	10	55.9
5	58.77	58.64	24.2	27.8	83	71	NE 3	NE 3	8	5	4.8
6	60.20	59.45	24.9	28.3	90	80	ENE 2	ENE 3	8	7	50.7
7	60.13	59.60	25.8	26.2	83	82	E 3	ENE 4	8	10	35
8	60.06	59.75	24.9	24.6	87	87	ENE 3	ENE 4	10	10	59.7
9	59.31	58.49	25	30	92	71	E 3	E 3	5	5	------
10	57.57	56.20	26.1	30.4	91	74	SSE 4	SSE 3	6	5	------
11	56.72	55.18	25.2	29.9	90	77	SW 1	SW 3	1	4	------
12	56.81	56.80	26.8	29.2	86	73	WNW 2	W 3	8	6	3.9
13	57.37	55.13	25.4	29.4	92	80	S 1	SW 3	9	8	12.8
14	55.37	53.65	24.8	27.6	95	87	SSW 2	SW 4	10	10	21.6
15	56.27	56.95	23.9	27.2	84	76	N 3	N 2	8	7	------
16	57.87	57.39	24.5	29.1	87	65	NNE 3	WSW 1	8	8	------
17	58.50	57.50	25.7	27.9	80	81	E 2	E 3	8	6	20.6
18	58.25	58.27	26.4	26.4	86	90	SE 1	SW 2	9	10	.6
19	57.76	57.49	27	29	87	82	SW 3	WSW 4	10	9	23.2
20	57.82	56.60	25.2	27.5	90	87	E 1	SE 1	10	10	51.6
21	56.47	55.53	26.5	29.6	87	79	SW 1	SW 3	10	7	10.1
22	56.01	55.16	27.1	28.6	88	86	SW 4	SW 4	6	8	19.2
23	56.65	56.23	26.7	31	86	79?	SW 4	WSW 4	8	5	1.1
24	58.34	57.64	26.2	28.6	90	80	N 3	E 3	8	7	26.3
25	59.47	58.53	25.7	28.6	93	83	E 1	E 3	10	7	14.4
26	58.13	57.19	27.4	30.6	89	78	SE 2	SSW 2	10	5	15
27	57.13	57.09	27.2	27.6	86	84	SW 2	SW 4	5	10	15.8
28	56.82	55.53	26	27.1	82	88	S 3	SSW 5	10	10	58.5
29	57.31	56.59	26.3	29.6	86	77	WSW 4	W 4	5	5	------
30	56.21	55.75	27	29	89	85	SW 3	SSW 4	10	10	27.5
31	54.88	55.38	26.6	29.3	87	77	SW 4	SW 3	10	5	39.9
Mean	57.65	56.95	25.7	28.6	88.1	79.2	2.4	3.1	7.7	7.3	------
Total	------	------	------	------	------	------	------	------	------	------	593

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	56.84	58.07	25.6	24.8	89	92	WSW 2	NNW 1	10	10	19.5
2	59.77	59.75	24.6	27.3	86	70	NE 1	NE 3	7	8	------
3	60.46	59.28	23.6	29.1	89	75	Calm	E 1	6	8	.1
4	58.77	57.65	24.2	27.1	94	87	Calm	SSE 1	4	8	2.8
5	57.80	57.54	26.4	30.1	89	77	SSE 1	SSW 2	4	5	------
6	58.73	58.19	27.4	30.4	89	74	S 1	SSW 3	7	6	------
7	59.60	58.46	27.4	31.9	81	70	SE 3	SE 3	4	4	------
8	58.79	57.44	27.6	32	81	70	SE 3	SE 3	4	4	------
9	57	56.77	27.1	31.8	78	70	SE 3	SE 3	3	4	------
10	57.08	56.76	27.6	31.3	86	73	SE 1	SSE 3	5	5	3.8
11	57.15	57.02	27.6	31.7	86	72	SE 3	SE 3	7	5	5.1
12	57.40	56.92	27.2	31.2	87	71	SE 4	SE 4	4	6	10.9
13	57.58	57.57	27.3	31.1	87	75	SSE 2	SSE 3	4	4	------
14	58.05	57.68	27.8	32	83	71	SSE 3	SSE 3	6	6	------
15	58.33	58.18	28.2	32	88	74	SE 4	SE 4	7	7	------
16	59.15	59.31	28.3	32.1	84	70	SE 4	SE 4	6	6	------
17	59.55	59.23	28.2	31.8	83	72	SE 3	E 3	6	7	------
18	59.33	58.38	28	32.3	83	70	SE 3	SE 4	7	6	3.8
19	58.38	57.44	27.7	31.1	83	74	SE 2	SE 4	8	6	29
20	57.38	57.23	27.6	31.6	86	71	SE 3	SE 4	8	7	------
21	57.95	57.47	27.7	31.7	82	62	SE 4	SE 4	7	6	------
22	58.28	57.33	27.6	32.3	77	68	SE 3	SE 4	5	4	------
23	57.88	57.17	27.9	32.4	84	73	SE 4	SE 3	6	4	3.8
24	57.64	56.43	28	32.1	83	68	SE 4	SE 4	5	4	------
25	57.40	56.41	28	32.3	83	69	SSE 4	SSE 4	5	4	------
26	57.60	56.53	28.2	32.7	81	68	SE 4	SSE 4	5	6	------
27	57.87	56.27	28.1	31.9	82	70	SE 4	SE 5	6	7	------
28	56.58	56.06	28.8	32	76	70	SE 5	SSE 5	7	4	------
29	55.84	56.11	28.7	32.6	87	65	S 2	SSW 3	7	6	------
30	55.92	56.02	28.6	31.4	85	75	SSE 2	SSW 4	6	5	------
31	------	------	------	------	------	------	------	------	------	------	------
Mean	58	57.49	27.4	31.1	84.4	72.2	2.7	3.3	5.9	5.7	------
Total	------	------	------	------	------	------	------	------	------	------	78.8

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	56.04	55.10	28.6	30	78	75	SW 4	SW 3	8	8	4.8
2	54.38	54.36	28.6	28	78	79	SW 4	SW 4	10	10	11
3	53.43	53.50	28	28.6	85	83	SW 4	SW 4	8	10	8.6
4	55.13	55.19	28.4	30.5	82	80	SW 4	SW 4	7	7	------
5	56	56.33	28.6	30.8	85	80	SW 4	SW 5	4	4	------
6	57.40	57.34	28.2	30.6	88	80	SW 3	SW 4	2	7	------
7	58.13	58.38	26.6	32.8	87	69	SE 1	SE 3	4	4	------
8	59.53	59.40	28.4	32.6	85	68	SSE 4	SE 4	4	4	------
9	60.33	60.01	28.5	33.1	84	66	SE 3	SE 3	5	3	.5
10	60.64	60.06	28.1	33.1	86	67	ESE 1	ESE 4	1	4	------
11	59.82	59.23	28.3	32.6	81	66	ESE 2	SE 3	3	3	------
12	59.14	58.43	28.6	32.9	85	65	SE 3	SE 3	4	1	------
13	58.13	57.82	28.4	33.1	85	65	SE 3	SE 3	4	5	.8
14	58.38	58.23	28	33.1	85	63	E 2	ESE 3	6	4	25.4
15	59.08	59.23	27	30.9	86	72	E 3	ENE 3	7	7	62.3
16	60.13	60.13	25.8	28.1	93	75	Calm	NE 4	10	9	18.7
17	59.15	58.82	27.6	31.3	81	70	E 1	ENE 3	9	7	3.5
18	58.20	57.46	26.2	29.7	85	73	NE 1	NE 3	5	8	3.8
19	56.98	55.86	27	30.8	85	70	ENE 1	NE 3	6	5	5.4
20	55.22	54.91	26.2	31.1	93	73	NNW 1	NW 3	6	7	1.3
21	55.63	56.04	27.4	31.2	83	75	W 2	W 3	4	7	------
22	56.33	56.78	28.2	29.6	82	84	WSW 3	WSW 3	6	7	6.1
23	56.33	55.93	28.1	29.7	87	84	SW 4	SW 4	5	7	------
24	55	54.11	28.2	31.5	83	72	WSW 3	WSW 3	5	4	10.2
25	53.35	53.38	28	31	88	75	W 3	WNW 2	5	4	------
26	53.39	52.43	25.7	31.6	93	75	Calm	WNW 4	4	5	.5
27	50.90	50.38	28	31.2	89	75	W 4	W 4	7	7	------
28	50.45	50.42	28.7	31.3	85	77	WSW 4	WSW 3	6	4	1.3
29	51.07	49.93	25.6	32.1	94	73	NNE 2	E 4	9	7	3.7
30	50.84	50.86	28	32.1	86	71	E 4	E 4	4	7	25.3
31	51.19	51.95	27	29.1	87	84	E 2	E 2	9	10	.6
Mean	56.12	55.87	27.7	31.1	85.6	73.7	2.6	3.4	5.7	6	------
Total	------	------	------	------	------	------	------	------	------	------	193.8

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	mm.	°C.	°C.	P. ct.	P. ct.			0-10.	0-10.	mm.
1	53.62	54.04	26.8	29.6	90	80	Calm	Variable 1	10	10	3.3
2	53.88	54.18	27.9	31	85	79	WSW 4	WSW 4	8	7	1.1
3	54.85	54.33	26.8	20.6	92	78	WSW 3	WSW 3	8	6	------
4	54.28	54.14	28	30.5	92	79	WSW 4	WSW 4	7	7	.1
5	54.28	54.62	28	30.8	91	80	WSW 3	WSW 4	7	8	------
6	54.74	54.35	28.4	30	86	81	WSW 3	WSW 4	5	8	1.3
7	55.17	54.08	27.7	30	87	79	SW 4	SW 4	7	8	1
8	53.09	51.83	27.8	30.1	82	79	SW 5	SW 5	6	6	.3
9	51.04	52.10	28.4	30.3	88	82	SW 5	SW 5	8	9	------
10	53.25	53.33	28.2	30.8	89	77	WSW 5	WSW 5	8	7	------
11	55.08	54.35	28.1	30.5	88	75	SW 5	SW 5	8	8	------
12	54.68	53.53	28.2	30.1	86	78	SW 5	SW 5	10	7	.3
13	53.72	53.89	27.4	30.9	84	74	SW 4	SW 5	9	8	------
14	55.05	54.98	27.7	30.1	87	73	swbys 3	swbys 3	9	7	11.6
15	55.50	56.13	26	31	92	76	WSW 1	WSW 3	10	7	------
16	57.31	56.91	27	31.7	92	72	WSW 3	W 3	5	4	------
17	57.15	55.88	27.2	31.6	90	72	WNW 1	WNW 3	1	7	------
18	56.47	54.89	25.3	32.2	91	70	Calm	ENE 3	1	4	2.4
19	55.62	55.06	26.1	31.1	91	74	Calm	NE 2	6	7	------
20	55.33	54.31	26.4	31.6	89	73	NE 1	NNE 2	6	8	6.9
21	51.41	50.40	27.2	27.1	85	92	NNE 3	NW 4	9	10	42
22	52.13	52.88	28	28.6	87	86	WSW 6	WSW 5	10	8	.8
23	53.46	53.80	27.8	27.1	86	91	SW 5	SW 5	5	10	4.9
24	53.11	52.73	27.5	29.3	86	81	SW 5	WSW 5	9	7	------
25	53.55	54.45	27	29.7	89	75	SW 4	SW 4	7	6	11.4
26	55.97	56.17	27	30.3	89	71	S 1	SSW 3	4	5	2.2
27	56.97	57.09	27.2	30.4	90	70	SW 3	SW 4	7	7	.3
28	57.84	57.70	27	30.3	90	76	SW 3	SW 3	5	3	------
29	57.63	56.98	27	31	90	76	SW 3	SW 3	7	5	------
30	57.29	57.32	27.2	30.8	90	77	WSW 3	WSW 4	5	7	------
31	56.18	55.95	27.8	28.6	91	85	WNW 3	WNW 4	8	8	22.1
Mean	54.83	54.59	27.4	30.2	88.5	77.8	3.2	3.8	6.9	7.1	------
Total	------	------	------	------	------	------	------	------	------	------	112

SANTO DOMINGO, BATANES.

[ϕ=20° 28′ N; λ=121° 59′ E; barometer above sea, 18.7 meters; gravity correction not applied, —1.49 mm.]

Day.	SEPTEMBER.											OCTOBER.										
	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	55.82	55.18	26.9	30.3	85	82	N 1	N 1	8	4	16	60.61	60.30	25.6	29.7	91	77	Calm	NE 2	2	7	2
2	55.75	54.73	26	29.8	88	78	WNW 1	WNW 2	10	6	6.2	59.35	58.11	26.2	31.1	89	74	NE 1	NE 3	5	7	14.7
3	54.93	54.78	27.1	30	91	78	Calm	NNW 2	8	8	9.4	57.54	56.53	26.7	30.1	86	69	ENE 2	ENE 3	8	7	1
4	54.40	53.93	27	30.8	92	76	NNE 1	NNE 2	7	5	17.3	56.50	56.27	25.6	30.6	90	76	ENE 1	ENE 2	8	7	5.6
5	54.05	53.24	27.2	30.7	90	76	NW 1	NNW 2	8	5	14.1	56.61	55.80	25.6	30.2	91	81	ENE 2	NE 1	6	6	1.9
6	52.91	51.97	27.1	30.6	85	77	NNW 1	NW 2	10	6	3.8	55.92	54.75	23.7	29.1	91	78	Calm	NE 3	8	8	-----
7	51.24	50.78	25.6	29	90	78	NNW 2	N 1	10	9	17.8	55.56	54.60	24.1	30.1	91	69	Calm	NNE 1	1	3	.3
8	50.63	50.73	25.4	30.2	88	65	NNE 3	NNW 2	7	7	-----	56.07	56.03	23.3	31.4	90	66	Calm	ESE 2	1	8	1.5
9	52.70	53.79	24.8	27.4	91	74	NNE 2	NE 3	8	8	-----	57.16	56.90	25.4	31.4	84	60	E 1	E 3	4	3	-----
10	54.68	54.88	26.2	30.9	79	64	ENE 3	EbyN 3	7	6	-----	57.40	57.22	26.7	29	89	86	ENE 2	ESE 3	9	9	19.3
11	55.35	55.07	25.4	30.2	77	62	Calm	NE 4	2	4	-----	59.48	59.70	26.9	31	91	72	ESE 4	ESE 2	8	2	-----
12	56.82	56	25.7	29.5	78	66	NE 2	NE 3	8	2	-----	60.60	58.92	24.5	30.1	92	73	Calm	NNE 3	1	3	21.3
13	57.02	56.33	25.3	31	80	64	Calm	NE 2	8	5	-----	59.12	57.91	26.1	27.1	87	87	NE 4	NNE 4	9	10	73.3
14	57.26	57.48	27	30.9	86	66	E 2	E 3	4	5	21.9	58.40	57.59	25.7	30.2	93	78	E 1	ESE 3	3	4	1
15	58.15	58.24	26.6	30.8	87	69	ESE 3	ESE 3	8	4	3.6	58.59	58.16	27	27.7	86	87	SE 2	SE 2	8	9	7.6
16	59.19	59.34	27	30.7	88	71	E 2	E 3	4	4	1.8	58.77	57.25	27.2	31.1	87	71	SE 2	SE 3	5	5	11.7
17	59.99	59.88	27.4	31.8	86	72	ESE 1	ESE 2	6	6	4.7	58.12	57.03	26.6	28.8	90	83	ESE 1	SE 1	10	9	1.4
18	60	58.97	26.5	30.9	86	75	E 1	ENE 2	3	4	4.4	58.13	57.59	25	30.6	93	76	Calm	NW 2	1	4	-----
19	59.25	58.47	27.2	30.8	84	73	NE 3	ENE 3	7	6	-----	58.42	57.63	26.1	28.1	86	87	ESE 1	SE 1	6	10	8.8
20	58.68	58.08	26.6	31	89	75	E 2	ESE 3	3	4	2.5	59.23	58.85	27.5	30.6	84	70	SE 1	SE 3	8	7	1.8
21	58.89	58.62	27.2	32.2	90	73	ESE 1	ESE 2	7	4	-----	59.74	58.62	26.7	30.3	88	76	ESE 2	ESE 4	7	6	20.9
22	59.39	58.81	27	31	84	72	E 1	ENE 3	4	3	-----	59.23	57.57	27.2	29.7	84	78	ENE 2	NE 4	8	7	.8
23	59.72	58.32	25.3	31	89	72	Calm	NE 3	2	5	-----	58.25	56.67	27.6	28.7	80	83	NE 5	NE 4	8	8	.1
24	58.63	57.73	27.6	31	.84	72	ENE 2	ENE 3	6	5	-----	56.06	54.58	27.8	28.1	79	79	E 5	ENE 5	10	10	25.7
25	58.37	57.58	27.5	29.9	85	76	NE 2	NNE 2	6	7	-----	53.57	53.84	26.9	27.6	89	81	E 6	ESE 5	10	10	56.3
26	58.41	58	23.9	30	92	75	Calm	NE 2	2	6	4.5	56.39	56.29	25.6	27.8	87	82	ESE 2	ENE 2	10	9	4.2
27	58.41	58.05	24.5	30.4	94	71	Calm	NNW 2	7	6	-----	57.26	56.47	27.1	28	83	77	NNE 5	NE 6	10	10	13.9
28	58.29	58.21	26	31.4	92	72	SE 1	S 3	7	5	2.5	56.02	54.14	25	27.2	90	*	N 6	N 5	10	10	12.8
29	58.24	58.26	25	30.2	93	74	Calm	E 2	6	8	3.8	50.88	44.76	26.7	27.1	-----	-----	NNE 6	NE 4	10	10	167.2
30	59.70	59.88	26.6	31.1	89	70	E 2	E 3	8	6	12.9	45.61	48.80	26.9	28.3	-----	-----	ESE 6	ESE 5	10	9	.3
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	56.62	55.97	26.8	29	-----	-----	SE 3	SE 4	7	5	2.6
Mean	56.90	56.51	26.3	30.5	87.1	72.3	1.3	2.4	6.4	5.4	-----	57.14	56.29	26.1	29.3	87.9	76.9	2.4	3.1	6.8	7.2	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	147.2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	478

Day.	NOVEMBER.											DECEMBER.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.97	59.21	25.5	27	-----	-----	NE 2	N 3	6	8	2.1	64.32	62.69	22.6	23.7	-----	-----	NE 5	NE 5	7	9	-----
2	61.36	59.89	25.9	30.1	-----	-----	ENE 2	ENE 3	6	5	2.2	63.82	62.42	22.6	24.9	-----	-----	ENE 1	ENE 3	0	3	-----
3	60.27	58.28	27	28	-----	-----	NE 4	NE 4	4	10	9.3	62.80	61.72	23.3	26.6	-----	-----	ENE 3	ENE 3	3	4	-----
4	57.35	57.25	27.4	29.6	-----	-----	E 5	SE 5	8	7	-----	61.90	60.86	24	24.5	-----	-----	ENE 2	NE 4	3	8	-----
5	59.75	58.88	27	29.7	-----	-----	ESE 3	ESE 4	8	6	-----	61.02	59.59	22.8	24.3	93	91	NE 2	ENE 2	5	4	0.4
6	60	58.74	25.6	29	-----	-----	ESE 2	ESE 2	3	6	-----	59.85	59.97	23	25.9	91	81	ENE 3	EbyN 4	8	6	8.5
7	59.45	58.18	25.7	29.6	-----	-----	E 2	ESE 2	5	7	-----	58.19	57.41	24.5	23.9	92	96	ENE 4	NE 4	10	10	62.8
8	59.27	58.86	26.2	30.9	-----	-----	ESE 2	SE 3	5	4	-----	57.57	56.86	25.2	27.6	92	84	ESE 3	ESE 3	5	6	1.3
9	60.32	59.06	25.4	29.5	-----	-----	E 2	ENE 3	4	5	-----	57.69	57.10	25.6	27.9	90	82	ESE 3	ESE 3	4	5	36.1
10	60.66	58.88	26.9	28.9	-----	-----	ENE 3	E 3	6	5	3.8	60.54	59.57	22.8	24	98	87	NNE 4	NE 4	10	9	49.4
11	59.61	58.89	26.2	29.5	-----	-----	ENE 3	E 3	7	4	6.1	59.97	58.92	24.6	26.2	95	90	ENE 4	ENE 4	7	9	37.2
12	60.05	59.46	24.6	25	-----	-----	NE 4	NE 4	10	10	85	58.28	56.37	24.2	24.6	95	94	EbyN 3	ESE 2	10	8	7.7
13	60.37	60.29	24.1	25.1	-----	-----	N 5	N 5	10	10	73.9	57.07	56.55	24.1	25.2	91	90	NNE 4	NNE 3	8	8	7.9
14	61.60	60.85	24.3	26.1	-----	-----	NNE 4	NE 4	10	7	12.2	58.49	59.30	23.8	26.5	91	85	N 5	N 5	10	10	3.1
15	62.23	61.26	24.8	29.2	-----	-----	ENE 4	ENE 3	8	5	1.4	60.59	60.22	23.6	25.5	93	88	N 4	N 4	10	10	2
16	61.45	60.45	25.6	29.4	-----	-----	ENE 3	ENE 3	8	4	-----	61.19	60.41	22.5	25.2	90	80	N 4	N 4	10	9	8.3
17	61.23	60.42	25.3	28.7	-----	-----	ENE 4	ENE 4	6	5	3.8	61.28	60.97	22	22	96	95	N 4	N 4	10	10	3.8
18	62.76	62.34	24.2	24.8	-----	-----	NE 2	NE 4	8	8	1.5	63.97	64.08	19.2	20.3	83	73	N 5	NNE 5	10	10	3.7
19	63.95	63.86	24	27.4	-----	-----	NE 4	NE 4	8	5	.5	65.19	64.33	20	20.6	75	80	NNE 4	NE 4	10	10	2.9
20	65.15	63.98	24.3	26.2	-----	-----	NE 4	NE 4	6	5	4.8	64.89	64.09	19.8	21.7	76	70	NE 5	NE 5	10	10	.8
21	63.37	62.63	24.5	26	-----	-----	ENE 4	ENE 4	7	8	2.6	64.27	63.29	19.4	21.2	82	74	NE 4	NE 5	10	9	1.7
22	62.99	61.37	24.4	28	-----	-----	ENE 3	E 4	5	7	3.3	63.88	63.86	19.2	21.6	85	72	NE 5	NE 4	8	8	4.3
23	61.58	60.28	24.7	27.8	-----	-----	NE 4	NE 4	7	8	5.3	65.21	64.33	19.4	21.9	83	73	NNE 5	NNE 5	9	9	-----
24	60.32	58.90	24.4	26.4	-----	-----	NNE 5	NNE 5	9	8	23.6	64.13	62.11	20.1	24.7	90	77	NNE 4	NNE 4	10	8	.8
25	59.08	57.78	24.8	24.9	-----	-----	NNE 5	NNE 5	8	9	35.8	62.65	61.97	21.8	25.3	84	79	NNE 4	NNE 4	7	8	-----
26	58.56	57.15	24.2	25.2	-----	-----	NE 4	NE 5	10	10	48.1	62.71	61.36	21.8	25.3	86	75	NNE 4	NE 3	10	8	-----
27	58.01	57.48	24.6	25.7	-----	-----	ENE 4	ENE 5	10	10	24.9	61.67	59.66	23.5	26.3	87	82	ENE 3	ENE 4	5	7	1.5
28	59.44	59.72	24.1	26.4	-----	-----	NE 4	NE 5	10	10	13.9	58.67	57	23.5	26.5	96	84	E 2	E 3	7	3	-----
29	61.70	62.07	22.7	22.5	-----	-----	NE 5	NE 6	10	10	3.2	58.49	57.71	23.7	26.8	87	82	E 2	E 3	5	4	-----
30	63.62	62.83	22.4	22.2	-----	-----	NE 5	NE 5	10	10	2.2	58.43	58.67	23.9	27	89	80	E 3	ESE 4	7	6	3.3
31	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	60.87	60.73	24	27.5	91	78	ESE 3	E 4	3	5	-----
Mean	60.85	59.97	25	27.3	-----	-----	3.6	3.9	7.4	7.2	-----	61.28	60.46	22.6	24.7	88.9	82.3	3.6	3.8	7.5	7.5	-----
Total	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	369.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	247.5

* The wet thermometer was broken on October 28, 2 p. m.

YAP, WESTERN CAROLINES, 1914. (Received Late.)

[$\phi = 9° 29' N$; $\lambda = 138° 08' E$; barometer above sea, 31.85 meters; gravity correction not applied, —1.87 mm.]

OCTOBER.[a]

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.85	57.86	24.6	29.5	90	65	Calm	Calm	1	8	------
2	58.54	57.91	23.6	30.3	91	63	Calm	ENE 1	2	3	------
3	59.36	58.64	24.3	29	91	76	Calm	Calm	2	7	------
4	59.42	58.29	25	31.5	93	66	Calm	Calm	6	7	0.5
5	59.33	57.84	25	31.5	88	68	Calm	NNW 2	5	8	.5
6	58.37	56.89	25.7	32.3	90	68	NNW 2	NW 1	7	7	1.3
7	57.06	56.14	26	23.6	92	74	NNE 1	NNE 1	5	7	------
8	57.78	56.80	25	29.6	92	74	Calm	W 1	9	10	------
9	57.93	57	26.7	26.5	83	85	WSW 1	WSW 2	9	10	3.3
10	56.80	56.07	26.4	28.6	85	80	WSW 2	W 2	10	10	2.5
11	56.58	54.65	26.5	29.6	85	77	W 2	W 3	10	10	6.4
12	56.71	55.81	26.3	29	86	75	WbyS 2	swbyw 2	9	10	4.3
13	58.72	57.61	24	29.9	95	69	WSW 2	W 2	10	7	.8
14	60.11	58.53	24.5	30.7	95	64	Calm	WSW 1	5	4	.5
15	59.66	58.05	25.4	31.4	86	60	Calm	SW 1	2	5	------
16	59.38	58.63	24.5	29.7	88	70	Calm	Calm	2	7	------
17	60.66	59.34	24.1	29.4	92	70	Calm	Calm	7	8	------
18	60.78	59.29	25.3	29.4	85	65	Calm	NE 1	2	7	------
19	60.68	59.51	23.9	31.3	88	57	Calm	ENE 1	1	1	------
20	60.81	59.89	25.2	28.6	88	77	Calm	NW 1	7	5	------
21	60.36	59.25	25	31	92	63	NNW 2	N 1	2	6	9.7
22	58.91	58.18	25.1	27.1	94	91	Calm	NNE 2	9	10	12.2
23	59.64	58.82	26.5	26.8	84	90	E 1	Calm	9	8	32.8
24	60.34	59.44	25	29.9	91	72	NE 1	E 1	3	9	------
25	60.56	59.28	24.5	30.4	89	69	Calm	E 1	3	6	8.4
26	60.46	59.16	24.7	25.1	94	91	E 3	Calm	10	10	20.6
27	60.10	-----	24.1	-----	95	-----	Calm	--------	6	-----	3
28	60.56	58.94	25	28.2	91	77	Calm	NE 3	4	9	5.8
29	59.59	57.76	24.7	29.2	96	80	N 1	Calm	10	10	19.3
30	59.87	59.24	27	30	78	71	ENE 2	E 2	2	4	2.1
31	60.46	59.42	24.5	26.5	92	92	Calm	NE 2	2	10	4.3
Mean	59.30	58.14	25.1	29.4	89.6	73.3	0.7	1.1	5.5	7.4	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	138.3

NOVEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.26	58.97	24.9	30.9	92	69	Calm	Calm	2	7	0.3
2	59.98	59.03	24.8	30	90	71	Calm	ENE 1	2	7	------
3	59.44	58.46	24.3	31.1	93	68	Calm	Calm	2	4	------
4	60.13	58.63	25	30.5	87	65	Calm	SE 1	2	5	------
5	60.13	58.83	24.7	29.4	92	76	Calm	Calm	2	7	------
6	59.34	57.33	25	30.5	92	68	Calm	E 1	4	6	------
7	59.01	57.61	23.6	31.6	92	65	Calm	N 1	1	6	------
8	58.12	57.43	26	31.1	88	69	NE 2	ENE 2	4	7	------
9	58.22	57.14	25.3	30.6	95	72	NNE 1	Calm	8	5	5.1
10	57.97	56.89	25.4	30.6	93	68	NE 2	E 2	9	4	.3
11	57.84	56.66	24.9	26.2	90	93	NNE 1	ENE 2	7	10	12
12	58.02	57.19	25	30.4	94	72	Calm	ESE 2	5	7	20.8
13	58.23	57.19	25.6	31	92	70	E 2	NE 2	10	6	------
14	58.70	57	25.1	30.5	93	66	Calm	NE 2	8	10	7.6
15	58.26	56.82	24	28	92	75	NNE 2	E 2	10	10	1.6
16	58.21	56.44	24.3	30.4	97	72	Calm	ENE 1	4	8	1
17	57.73	56.76	26.5	30.6	88	74	ENE 2	ENE 1	5	6	8.1
18	58.08	-----	23.1	-----	95	-----	Calm	--------	10	-----	.3
19	59.53	58.29	25	29	96	78	Calm	ENE 2	10	8	------
20	59.13	57.89	26	30	92	74	NNE 2	ENE 3	10	8	------
21	58.33	57.49	25.7	28.4	89	80	NNE 1	Calm	5	10	2
22	58.13	57.85	26	31.4	93	68	ENE 1	NE 1	9	5	6.4
23	59.03	57.49	25.3	30	93	72	ENE 2	ENE 2	9	7	27.2
24	57.43	56.59	23.6	25.2	95	90	Calm	NNE 2	10	10	7.1
25	57.68	57.53	24.1	30.3	96	76	Calm	E 1	8	7	.5
26	59.68	58.31	25.8	29.5	93	75	Calm	NE 3	6	10	------
27	59.63	58.40	26.3	26.2	82	90	NE 3	E 2	10	10	9.7
28	58.26	56.97	26.1	28.6	90	77	NE 3	NNE 2	10	10	.6
29	57.93	57.04	25.8	30.5	84	73	ENE 1	E 2	6	7	.5
30	58.31	57.76	25.5	29.3	88	79	NE 1	E 1	5	6	.3
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	-----
Mean	58.69	57.59	25.1	29.7	91.6	74	0.9	1.4	6.4	7.3	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	111.4

DECEMBER.

Day.	Pressure, 700 mm. +		Temperature.		Relative humidity.		Wind, direction and force (0–12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.98	57.60	26	30.3	89	73	NE 1	ENE 2	7	7	------
2	58.72	57.58	25.1	31.1	95	72	Calm	ENE 2	6	5	0.3
3	58.09	57.48	25.3	29.8	95	74	Calm	E 2	7	8	24.4
4	58.71	57.56	25	31	92	73	NE 1	E 2	9	9	1.5
5	58.70	57.86	25.5	30.7	92	71	Calm	NNE 1	10	7	.3
6	58.58	58.08	25.2	26.5	94	88	Calm	NE 1	10	10	4.6
7	57.87	57.41	26.5	29.5	84	75	ENE 2	NE 2	10	10	13.5
8	57.46	56.28	25.5	26.5	93	84	NE 2	NE 3	10	10	6.1
9	57.78	56.04	25.9	29.1	85	74	ENE 3	NNE 3	8	8	.3
10	57.53	56.71	25.8	29.8	78	71	NE 3	ENE 3	2	8	4.3
11	59.07	57.89	24.5	28.7	96	73	NE 1	NE 3	10	7	3.8
12	59.13	57.76	25.5	28	84	71	NE 2	NNE 2	10	7	------
13	58.61	57.30	24.6	28.6	89	70	NNE 1	NNE 2	3	7	------
14	58.57	57.47	24.6	29.1	81	60	N 1	ENE 2	10	6	------
15	58.63	57.54	23.9	29.5	91	71	Calm	NNE 2	6	9	1.8
16	59.18	58.31	24.6	29.6	87	71	NNW 1	WNW 1	4	7	------
17	59.56	58.66	25.3	27.5	90	84	Calm	E 2	10	10	3.8
18	58.84	58.40	25.5	27.8	95	86	ENE 1	NE 2	10	8	1
19	58.89	58.16	24.7	28.9	95	72	Calm	E 2	7	7	.3
20	59.40	58.45	24.2	30.7	91	69	Calm	E 1	10	7	.5
21	59.61	58.01	25	29.4	92	79	NE 1	NE 3	10	8	------
22	59.39	57.67	25.6	30	90	69	NNE 1	E 2	7	7	------
23	58.84	58.72	25.5	30.4	80	63	E 2	E 2	5	5	------
24	60.71	58.87	24.6	29.5	87	68	NNE 1	E 2	5	5	1.3
25	60.34	59.02	25.9	29.5	85	67	NE 2	E 3	10	7	1.5
26	60.16	58.82	25	29.4	92	68	ENE 2	ENE 3	10	7	------
27	60.36	58.09	25	29.6	80	56	ENE 2	NNE 3	7	2	.5
28	58.53	57.31	25.5	27.7	80	81	NE 3	NE 3	8	10	3.5
29	58.23	57.06	25.5	29.6	84	71	ENE 3	ENE 3	7	7	2.1
30	58.14	57.93	25.5	30.2	87	70	E 1	ESE 1	8	7	------
31	58.49	58.25	25.6	28.9	88	82	NE 1	NE 2	7	10	------
Mean	58.87	57.82	25.2	29.3	88.4	72.8	1.2	2.2	7.8	7.5	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	75.4

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[a] The observations from January to September, 1914 were published in the Annual Report for 1914.

YAP, WESTERN CAROLINES, 1915. (Received Late.)

[φ = 9° 29′ N ; λ = 138° 08′ E ; barometer above sea, 31.85 meters ; gravity correction not applied, —1.87 mm.]

JANUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	58.93	57.86	25.2	28.5	95	81	Calm	ENE 3	9	10	4.9
2	58.99	57.86	25.9	30.2	89	68	NE 2	NE 3	6	5	------
3	58.78	58.47	25.8	30.1	85	71	EbyN 3	EbyN 2	10	5	7.4
4	60.43	59.34	24.8	30.1	98	71	NE 2	ENE 2	8	5	2.5
5	60.91	59.20	25.6	29.5	84	71	NE 3	ENE 2	10	7	------
6	60.68	59.01	25.5	27.8	88	79	Calm	E 3	9	8	1.3
7	59.53	58.44	25.2	30	76	71	NE 3	E 3	3	7	------
8	59.68	58.76	24	31.1	85	64	Calm	ESE 2	6	7	2.5
9	60.23	59.30	24	29.5	92	66	Calm	NNE 2	10	8	.3
10	60.36	58.90	25.2	30	86	65	NE 2	NE 3	7	7	------
11	59.81	58.65	26	28.7	83	80	NE 3	NE 2	7	8	5.1
12	60.16	58.59	25.5	29.5	78	68	E 2	ENE 3	8	7	1
13	60.88	59.21	25	29.7	83	61	NNE 2	NE 3	10	7	------
14	61.08	-----	25.7	-----	78	-----	NE 3	--------	10	-----	6.6
15	60.24	58.64	24.7	28.7	81	69	NE 3	NE 3	3	8	1.3
16	60.57	60.10	24.6	29	79	68	NE 2	NE 3	4	8	------
17	61.84	60.11	25.5	29.4	84	68	ENE 3	NE 3	8	8	.5
18	61.31	59.96	25.3	27.9	84	78	NE 2	ENE 2	10	10	1.8
19	59.97	58.96	25.3	30	85	65	NE 2	NE 3	5	6	24.4
20	60.55	58.38	24	28.3	96	68	NE 3	ENE 3	10	10	.5
21	60.68	59.76	24	29.8	68?	63	E 2	E 2	2	2	1.3
22	61.27	59.91	23.6	29	95	68	NE 2	NE 2	5	7	.5
23	60.75	59.47	24.5	30.1	88	68	NE 2	E 2	8	7	------
24	60.23	59.27	24.6	29.1	87	70	NNE 2	NE 2	4	7	------
25	61.10	59.85	24.5	29.7	92	70	Calm	ENE 2	2	5	9.4
26	60.83	59.10	23.5	28.7	97	76	NNE 1	ESE 1	10	7	1.3
27	59.81	58.11	25.5	28.3	86	75	NNE 1	NNE 2	4	5	2.3
28	58.92	57.75	24.5	27.5	96	88	NE 1	ENE 1	7	8	1.1
29	59.17	-----	24	-----	95	-----	Calm	--------	3	-----	2
30	59.95	59.02	24	29.6	93	68	Calm	ESE 2	5	5	1.6
31	60.51	59.76	25	29.8	84	63	NE 3	NE 2	6	8	.5
Mean	60.26	59.03	24.9	29.3	86.8	70.4	1.7	2.3	6.7	7	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	80.1

FEBRUARY.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	61.03	59.86	23.6	28.3	82	62	NNE 1	NE 2	7	3	------
2	60.67	59.24	24.7	29.5	85	59	ENE 1	ENE 2	2	3	------
3	59.88	58.71	23.7	29.8	85	60	Calm	NNE 2	5	6	------
4	60.38	58.60	23	30.7	91	57	Calm	ENE 2	7	5	------
5	60.94	59.29	23.4	30.4	88	66	Calm	ESE 2	2	2	------
6	60.12	58.77	23.5	31.1	91	56	Calm	NNE 2	4	6	------
7	59.85	58.55	24.2	28.5	84	74	NNE 1	ENE 2	9	9	1.5
8	60.84	59.36	25.1	30.5	75	66	ENE 2	ENE 3	4	5	------
9	60.77	59.41	24.6	29.5	80	75	ENE 2	NE 2	2	8	.3
10	60.04	58.47	25	30.4	81	76	NE 2	ENE 2	3	8	------
11	59.26	58.16	25.3	28.4	85	82	NE 2	NE 3	5	8	------
12	59.22	57.74	25.4	31	77	68	ENE 2	NNE 2	4	2	------
13	59.61	58.95	25.5	30.4	88	79	NE 2	ENE 3	7	5	2.1
14	59.81	59.92	25.7	30.7	86	59	ENE 3	ENE 3	10	5	.3
15	61.06	57.90	25.4	29.3	80	66	NE 2	NE 3	6	7	4.1
16	60.40	58.22	24.7	29.9	87	79	NE 3	NNE 3	9	8	------
17	59.94	58.36	24.4	31	86	79	Calm	ENE 3	8	8	2.5
18	59.87	58.81	24.1	30.6	94	81	NE 2	NE 2	8	7	------
19	60.38	59.35	24	31.9	86	55	NE 2	NE 2	4	6	------
20	60.19	58.87	25.5	30.5	73	50	NE 2	NE 2	4	8	.8
21	60.35	58.88	22.7	27	95	81	NE 1	ENE 3	10	10	3.8
22	60.39	59.11	24.7	30.7	86	58	NE 2	NE 3	7	8	1
23	60.76	58.51	25.7	30	80	60	ENE 2	NE 2	2	3	------
24	60.42	59	24.5	30.9	83	54	ENE 1	ENE 2	3	5	.8
25	60.50	58.64	24	30.3	91	73	Calm	NE 2	9	7	------
26	59.84	58.90	26	29.6	76	59	NE 2	ENE 2	10	7	.5
27	59.85	58.05	24.6	30.5	81	53	ENE 2	NE 3	8	3	------
28	59.63	58.95	23.9	29.6	86	61	NE 1	ENE 2	2	5	------
29	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
30	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	60.21	58.81	24.5	30	84.4	66	1.4	2.4	5.6	6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	17.7

MARCH.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	59.91	59.30	25	30.5	80	65	ENE 2	NE 2	5	5	------
2	60.56	60.14	25.4	31	77	56	ENE 2	NE 3	2	1	------
3	61.04	59.65	25	30.4	80	58	NNE 2	NNE 3	5	9	10.4
4	60.78	-----	25.4	-----	93	-----	NE 3	--------	10	-----	.5
5	61.49	60.16	25.8	30.3	78	61	NE 3	ENE 3	8	8	1.3
6	60.73	59.35	25	30	92	64	NEbyE 2	ENE 3	6	8	.8
7	61.18	59.84	24.1	30.4	86	60	NE 1	ENE 2	4	5	------
8	62.03	61.06	25.2	29.7	82	63	NE 1	ENE 2	4	6	------
9	62.30	60.69	25.5	31.6	69	57	ENE 2	ENE 2	7	4	------
10	62.51	61.01	25.6	31.9	73	55	ENE 2	ENE 2	1	1	------
11	62.57	60.21	25.4	28.6	84	66	NE 2	ENE 2	2	9	3.3
12	60.93	59.39	25.7	31.1	77	53	NNE 2	ENE 2	2	1	------
13	60.68	60.12	25	32	83	53	ENE 1	E 2	2	6	------
14	61.16	60.04	25.1	31.4	83	57	ENE 1	ENE 2	6	4	------
15	61.18	60.25	24	31.2	87	54	Calm	NE 2	5	6	------
16	60.78	59.20	24.4	32	80	54	NNE 1	NE 2	2	8	------
17	60.55	59.24	24.5	32.6	86	54	Calm	ENE 2	3	2	------
18	60.83	60.37	23.5	28.7	87	71	Calm	Calm	4	8	------
19	61.38	60.07	23	29.4	87	59	Calm	Calm	3	8	------
20	60.93	59.70	24.3	28	84	77	Calm	NNE 1	8	10	4.3
21	59.61	58.77	24.5	29.6	95	67	Calm	ENE 2	6	10	------
22	60.80	59.31	24.3	32.7	96	52	Calm	NE 2	7	7	------
23	60.77	58.94	24.9	30	80	62	NE 1	NE 2	2	8	1.3
24	60.76	59.65	24.7	28.7	94	74	Calm	E 2	10	10	2.5
25	60	58.72	24	30.5	96	65	Calm	NE 2	2	10	7.6
26	58.84	58.01	24.5	27.4	94	88	Calm	Calm	10	10	39.6
27	59.89	59.61	24.9	28.5	94	75	NNE 2	ENE 2	10	10	1
28	60.29	59.32	25.7	29.5	87	71	NE 2	NE 3	8	9	------
29	60.54	59.61	25.6	30.6	79	62	EbyN 2	ENE 2	2	3	------
30	60.94	60.67	25.6	30.5	91	65	ENE 2	ENE 2	10	4	.5
31	61.09	59.44	25.6	28.4	82	71	NE 2	NE 2	5	8	.3
Mean	60.87	59.73	24.9	30.2	85	63	1.2	1.9	5.2	6.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	73.4

APRIL.

Day.	Pressure, 700 mm. + 6 a. m.	Pressure, 700 mm. + 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0–10.*	*0–10.*	*mm.*
1	60.81	59.26	25.3	31	85	56	NE 2	ENE 2	2	2	------
2	60.61	60.14	25.3	31.2	84	59	Calm	NE 2	10	5	0.8
3	60.83	60.04	25.3	30	89	67	Calm	ENE 3	8	7	2.3
4	61.32	60.02	25.2	30	79	61	NE 1	ENE 2	2	5	------
5	61.59	60.02	25	29.2	80	62	Calm	ENE 2	1	6	------
6	62.04	60.02	25.7	29.7	78	67	ENE 1	ENE 2	3	7	------
7	60.64	60.05	26	31	84	61	NE 1	ENE 2	5	5	.3
8	61.01	59.46	25	30.5	83	68	Calm	NE 2	5	9	13.5
9	60.91	59.19	26	30	80	62	ENE 2	ENE 4	5	5	2.3
10	59.99	58.91	26	29.7	82	67	ENE 3	NE 3	4	8	------
11	59.66	58.49	26.8	28.9	84	74	NE 2	ENE 2	9	8	10.2
12	60.09	59.39	26.2	29	84	71	ENE 2	NE 2	6	8	------
13	60.98	60	26.3	29.2	74	70	NE 3	ENE 2	6	6	------
14	60.63	59.39	26	30	78	65	NE 2	NE 2	5	8	2.5
15	60.04	58.14	25.6	30	91	65	NE 2	ENE 2	8	6	------
16	59.71	58.21	26.2	29.8	84	69	ENE 2	NE 2	5	6	------
17	59.14	57.66	25.5	31	84	65	ENE 1	ESE 2	4	5	------
18	58.91	58.39	25.5	29.6	85	67	ENE 1	NE 2	5	6	------
19	59.06	58.36	27	28.6	80	67	ENE 1	NE 2	8	5	------
20	59.23	58.17	26	27.3	88	86	ENE 2	NE 2	6	10	3
21	58.89	57.74	26.2	30.5	84	60	NE 2	NE 2	8	8	1.5
22	58.61	58.09	25.6	31.4	79	59	NE 2	NE 2	6	8	------
23	58.83	58.05	25.6	30.5	88	66	NE 1	ENE 2	5	8	9.1
24	59.26	57.95	24.3	28.6	96	73	NE 2	NE 2	10	9	6.6
25	59.24	57.92	25.2	28.7	83	68	Calm	NE 1	2	5	------
26	58.59	57.58	24.6	30.4	89	65	Calm	E 1	1	5	------
27	58.42	57.76	25.5	32	92	59	Calm	E 2	5	3	6.9
28	58.85	58.25	26	29.5	94	81	E 2	E 2	9	10	11.9
29	58.77	57.54	27	29.2	86	74	ENE 2	ENE 3	5	8	------
30	58.88	57.56	26.6	31.5	87	66	ENE 1	E 1	5	7	------
31	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	------
Mean	59.85	58.72	25.8	29.9	84.5	66.7	1.3	2.1	5.4	6.6	------
Total	-----	-----	-----	-----	-----	-----	--------	--------	-----	-----	70.9

YAP (WESTERN CAROLINES).

[ϕ=9° 29′ N; λ=138° 08′ E; barometer above sea, 31.85 meters; gravity correction not applied, —1.87 mm.]

Day.	MAY.											JUNE.										
	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain, 24 hrs. beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.		6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	58.38	58.51	25.5	31	90	64	Calm	E 2	10	9	30	57.81	57.90	25.4	31.3	85	73	Calm	E 1	10	8	7.9
2	58.59	57.48	25	31.2	92	68	Calm	E 1	5	9	----	59.43	58.10	25	30.7	98	67	E 1	E 2	10	4	4.3
3	58.53	57.43	24.8	29.5	92	75	Calm	ENE 2	6	9	----	59.73	57.98	26	29.5	92	76	Calm	ENE 2	6	8	----
4	58.65	57.09	26.1	29.5	91	72	Calm	ESE 2	5	9	4.3	59.18	57.79	25.9	29.6	88	75	ENE 2	E 2	2	8	----
5	57.92	57.09	26.6	31.5	86	69	NE 2	E 2	5	5	.5	58.67	57.06	25.2	31.7	94	71	NE 1	ENE 2	4	9	1.5
6	57.87	56.69	26.5	31.1	84	59	NE 2	NE 2	4	2	----	57.83	57.41	26	28.6	93	84	ENE 2	E 2	7	10	12.7
7	57.67	56.44	26.1	30.6	93	65	NE 2	E 2	10	6	2	58.39	56.79	26.1	29	95	81	E 2	E 2	10	9	.3
8	57.37	55.95	27.4	29.5	83	78	NE 2	ENE 2	5	9	23.9	57.31	56.24	27	31.6	85	72	E 2	E 2	8	8	.3
9	58.08	56.28	24	27.8	96	81	E 2	E 1	10	10	8.4	57.33	56.74	26.6	28.3	91	86	ESE 1	ENE 1	6	9	----
10	58.12	56.42	25.5	28	97	83	ENE 1	ENE 2	10	10	2.5	57.73	56.91	26.1	30.6	94	75	Calm	NE 2	8	9	3.6
11	57.01	56.65	27	29.1	90	82	E 1	ENE 2	10	10	13.8	58.16	57.51	27	28.5	85	88	E 2	E 2	8	10	5.9
12	58.77	57.86	25.1	29	99	82	Calm	ENE 2	10	10	35	57.71	56.96	27.3	31	84	73	ENE 2	E 3	7	8	8.9
13	58.91	59.36	25.2	26	95	89	Calm	ESE 2	10	10	.3	57.48	56.80	26.3	30.5	90	75	Calm	E 2	10	8	3
14	58.83	58.26	25.6	30.6	94	73	Calm	E 2	4	9	----	57.68	----	26.5	----	87	----	E 3	----	10	----	----
15	58.07	58.44	26.4	30	92	75	Calm	ENE 2	9	10	----	58.36	57.30	27	29.4	91	80	ENE 1	NE 2	10	10	1
16	59.13	57.66	26	31.2	88	71	NE 1	ESE 1	6	7	----	57.62	57.45	26.5	28.6	93	85	NE 1	E 2	10	10	18.3
17	59.77	58.58	26.5	32	85	58	Calm	ENE 2	4	5	----	58.23	57.84	26.3	29	87	79	ENE 2	ENE 2	10	10	2
18	60.08	59.11	26.4	30	82	69	N 1	NE 2	5	8	----	57.80	56.94	25.9	29.5	94	81	ENE 2	ENE 2	10	10	21.6
19	59.66	58.51	27	31	86	63	Calm	ENE 1	6	7	----	57.33	56.24	24.9	30.9	97	72	E 2	ENE 2	10	6	2.8
20	58.88	57.65	26.1	28	91	85	Calm	Calm	3	9	5.6	56.13	55.35	27.1	28.6	87	77	ENE 2	NE 2	8	10	22.4
21	58.42	57.34	26.6	27.2	91	90	Calm	Calm	2	10	4.6	56.84	56.93	25.7	25.5	95	96	ENE 2	E 2	10	10	63.7
22	59.06	57.43	25.2	30.9	92	72	ESE 2	ESE 1	10	7	6.8	57.71	56.74	25	30	98	74	Calm	E 1	10	7	4.1
23	59.94	59.54	24.5	24.4	97	94	Calm	ESE 1	10	10	25.9	58.16	57	25	28	96	81	Calm	E 2	10	10	2.5
24	60.63	59.51	26.4	31	91	72	E 2	E 2	10	7	5.1	57.55	57.01	26.5	30.5	92	72	E 2	E 2	8	9	132.1
25	60.40	59.11	27.2	31	87	72	E 2	E 2	6	5	1.5	58.94	58.75	23.7	24	98	97	ESE 2	S 1	10	10	44.2
26	60.15	58.99	26.8	29.5	87	76	ESE 2	SE 1	10	9	2	59.11	58.33	25.7	26.4	94	86	Calm	Calm	10	10	2.1
27	60.23	59.16	26.2	31	93	71	Calm	SE 2	6	8	5.4	59.78	58.75	25	28.9	95	78	Calm	ENE 2	10	10	27
28	60.07	59.29	26.1	28.9	93	82	Calm	Calm	4	9	20.1	59.87	58.30	25.6	29.7	88	77	Calm	ESE 2	10	10	.5
29	59.53	58.10	26.6	31	87	72	Calm	E 2	2	4	----	60.06	58.26	25.9	30.5	90	75	Calm	Calm	10	10	----
30	58.47	57.28	27	29	88	78	E 2	E 2	9	10	43.7	59.63	58.36	26.6	30.5	95	76	Calm	E 2	7	6	3
31	58.08	57.12	23.8	26	97	92	N 1	SW 1	10	10	60.4	----	----	----	----	----	----	----	----	----	----	----
Mean	58.88	57.88	26	29.6	90.6	75.2	0.8	1.5	7	8.1	----	58.25	57.37	26	29.3	91.7	78.7	1.1	1.8	8.6	8.8	----
Total	----	----	----	----	----	----	----	----	----	----	301.8	----	----	----	----	----	----	----	----	----	----	395.7

Day.	JULY.											AUGUST.										
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	59.53	57.86	25.6	31.2	95	71	Calm	Calm	6	5	4.9	57.73	56.76	26	31	94	72	Calm	Calm	10	8	----
2	58.18	56.60	25.2	31.2	96	77	Calm	Calm	4	5	1.8	57.78	56.18	25.5	30.3	96	72	Calm	W 1	5	8	----
3	57.86	56.96	27	27	90	94	Calm	Calm	2	7	25.9	57.70	56.67	26.5	27.4	88	89	Calm	NW 1	9	10	3.3
4	58.21	57.48	25.3	27.5	98	91	Calm	Calm	7	8	2.5	57.57	56.40	25.6	29.9	95	79	Calm	Calm	6	9	13.5
5	58.27	58.81	25.3	27.2	94	90	Calm	Calm	10	10	10.7	58.97	58.05	24	30.5	97	75	Calm	SE 1	10	5	.5
6	58.54	57.93	25.6	31.2	98	73	Calm	SE 1	7	6	6.4	59.03	58.33	26.1	28.6	91	84	Calm	Calm	5	10	----
7	59.87	58.96	26.6	31.6	96	69	Calm	Calm	6	2	----	59.10	57.01	26.1	30.6	91	72	Calm	SW 2	10	3	16.3
8	60.87	58.59	26.9	32.2	90	69	Calm	ENE 2	4	7	13.8	57.54	58.15	25	25.4	96	94	SW 1	Calm	10	10	56.9
9	59.25	58.36	26.5	30.6	94	76	NE 1	E 2	6	8	6.4	57.62	57.97	26	24.3	88	96	Calm	WSW 1	10	10	9.4
10	59.07	58.71	26	28.8	97	79	Calm	Calm	5	10	.3	58.89	58.49	26	26.5	88	90	Calm	Calm	5	10	40.9
11	58.63	58.55	26	29.5	94	83	NNE 1	Calm	9	8	.8	59.42	58.96	25.5	29.3	93	81	Calm	Calm	4	8	74.9
12	59.13	57.50	25.5	29.1	92	81	Calm	Calm	10	10	4.1	58.63	56.87	26.5	31	89	72	Calm	WNW 1	7	6	----
13	57.46	56.64	25.5	30	96	75	Calm	E 1	6	7	----	57.15	56.30	26.5	31.2	94	74	NW 1	NW 1	10	6	48.5
14	57.01	56.16	27.6	29.8	87	79	ENE 1	E 1	9	10	6.1	58.52	56.46	23.5	28	97	79	SSW 1	WSW 2	10	9	10.7
15	57.23	56.30	27.1	31.9	91	70	Calm	E 1	5	5	18.3	57.12	56.28	25.5	30.9	90	72	Calm	WNW 1	9	9	1
16	57.25	56.56	25.5	31.3	97	70	Calm	ESE 1	10	8	2.3	57.35	56.52	25.5	28.3	92	80	Calm	SW 1	10	10	2.8
17	57.27	56.38	25.8	32	94	71	Calm	E 1	7	7	1	56.58	55.65	24.5	28.5	97	83	Calm	SW 2	10	9	11.4
18	56.71	55.38	26.8	31.2	94	71	Calm	SE 1	8	6	11.4	56.54	----	25.1	----	91	----	WSW 2	----	10	----	6.1
19	56.51	55.76	25.8	32.4	98	70	Calm	Calm	7	7	2	----	----	----	----	----	----	----	----	----	----	----
20	56.53	55.73	25.8	30.6	95	74	Calm	SW 1	2	5	5.6	57.66	----	26	----	92	----	Calm	----	4	----	8.4
21	56.68	56.91	25.5	30.7	96	74	Calm	SE 1	2	9	.3	56.29	55.73	27	25.5	86	90	NW 1	NE 1	10	10	46
22	58.82	57.54	26.5	33.5	91	68	Calm	SE 1	9	9	----	56.99	56.87	25.4	29	84	81	SW 2	SW 1	10	10	3
23	57.69	56.81	26.5	32.1	92	72	Calm	SW 1	7	9	13	58.13	57.88	26	31	93	72	Calm	Calm	7	6	----
24	57.51	55.54	26.5	31.2	91	77	Calm	SSE 1	9	5	5.4	58.53	57.36	26.3	30.4	91	78	NE 1	ENE 1	5	9	12.7
25	56.72	56.03	26.5	27.7	89	87	SW 1	Calm	9	10	57.4	58.81	57.96	25	29.6	100	75	E 1	E 1	10	9	5.6
26	57.77	56.14	24	24.5	97	96	Calm	SW 3	10	10	14.2	59.67	57.76	26	29.9	93	80	Calm	Calm	6	5	1.5
27	55.31	54.94	26.8	29	82	76	WSW 3	W 3	10	10	32.2	59.33	57.89	25.5	31.9	92	67	Calm	N 1	4	6	1
28	55.50	55.20	24.5	25.1	96	92	WSW 1	SW 1	10	10	37.9	59.13	58.01	25.6	29.6	91	70	Calm	WSW 2	9	10	12.2
29	55.66	54.13	23.6	29.7	99	80	WSW 1	SW 2	10	10	19.3	58.29	58.60	25	23.5	97	100	Calm	Calm	9	10	90.7
30	57.63	56.72	23.1	26.5	100	88	S 2	WSW 2	10	10	3	58.69	57.81	24.9	29.3	97	72	WSW 2	W 1	9	10	1.1
31	57.08	56.66	25.6	29.7	95	73	Calm	Calm	9	10	----	57.77	56.81	25.5	29.3	92	79	Calm	SW 2	8	9	----
Mean	57.73	56.83	25.8	29.9	94	77.9	0.4	0.9	7.3	7.8	----	58.08	57.28	25.6	29	92.5	79.6	0.4	0.9	8	8.4	----
Total	----	----	----	----	----	----	----	----	----	----	307	----	----	----	----	----	----	----	----	----	----	[a]478.4

[a] 30 days of observation.

YAP (WESTERN CAROLINES).

[$\phi=9° 29'$ N; $\lambda=138° 08'$ E; barometer above sea, 31.85 meters; gravity correction not applied, -1.87 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	57.91	56.86	26	29.5	84	75	WSW 1	SW 2	10	9	------
2	57.68	56.09	26.6	29	83	78	SW 1	SSW 2	10	9	------
3	56.78	56.15	26.5	29.6	90	74	SSW 2	SW 2	10	9	.5
4	57.18	56.17	26.2	30.2	90	75	Calm	S 2	1	8	------
5	56.71	54.95	26.1	30.6	91	68	SW 1	S 2	7	7	------
6	56.53	55.44	26.3	30.5	90	76	SSW 1	SW 2	10	8	2.5
7	56.03	55.13	26.6	29.5	87	79	SW 2	SW 2	10	10	1.1
8	56.61	55.59	26.9	30.5	85	74	SW 1	SW 2	8	9	.8
9	56.56	55.78	26.6	30.6	90	71	Calm	SW 2	10	9	------
10	56.51	54.90	27.3	29.5	94	76	SW 1	SW 2	10	9	1.5
11	55.61	54.57	26.6	27.6	84	76	SW 1	SW 3	10	10	14.2
12	56	55.55	26	26.6	94	91	WSW 1	SW 3	10	10	6.6
13	57.59	57.04	26	29.2	96	80	SW 1	SW 1	8	9	9.7
14	59.28	58.71	24.4	29	95	83	Calm	N 1	10	10	2.6
15	58.13	58.04	26.4	29	94	78	NE 1	SE 1	10	10	------
16	58.65	57.46	26.3	29	94	78	Calm	Calm	2	9	------
17	57.92	56.80	25.6	29.6	92	78	Calm	SE 1	3	9	1.5
18	58.77	57.44	26.5	31	88	72	SSW 1	Calm	7	5	------
19	59.42	57.51	25.4	30.5	93	75	Calm	SSE 1	8	9	------
20	58.97	56.90	25.9	31.6	92	70	Calm	NE 2	6	8	------
21	57.51	56.69	26	31.3	88	68	Calm	Calm	1	8	1.8
22	57.36	56.31	25.9	29.6	88	81	Calm	Calm	2	2	.8
23	58.03	56.55	26	31.2	89	71	Calm	Calm	5	2	------
24	57.96	57.44	26.7	30.5	88	75	Calm	Calm	8	2	3
25	58.50	58.09	27	29.7	91	77	Calm	Calm	2	10	33.5
26	58.86	58.05	24.5	29.5	97	82	Calm	E 1	5	8	1.6
27	58.42	57.45	26.9	31.2	86	68	NE 2	ENE 2	8	7	1
28	58.18	56.81	25.1	29.6	87	77	Calm	E 1	10	10	------
29	57.73	56.30	24.8	31.6	94	68	N 1	ESE 1	10	5	1
30	57.88	56.37	25.4	26.5	93	95	Calm	Calm	10	10	64.8
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.64	56.57	26.1	29.8	90.2	76.3	0.6	1.3	7.4	8	------
Total	------	------	------	------	------	------	------	------	------	------	148.5

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.68	55.19	24.8	24.9	93	95	W 2	W 4	10	10	87.6
2	54.61	52.93	23.5	28	100	77	SW 5	SW 4	10	10	9.9
3	54.35	53.52	26	26.6	92	83	SSW 5	SW 6	10	10	11.4
4	55.89	54.93	25.4	25.8	88	86	SW 3	WSW 4	10	10	7.4
5	55.86	54.54	26.8	24.2	87	98	SSW 2	W 2	10	10	42.1
6	56.18	55.60	25.5	24	97	100	SW 1	SW 2	10	10	27.7
7	57.38	56.36	24.9	30	93	69	SW 1	SSW 1	5	7	.8
8	57.14	55.96	25.1	30.6	95	72	Calm	NbyE 2	9	9	16
9	57.01	55.88	25.6	30.4	95	57	Calm	Calm	2	7	.5
10	57.96	57.67	24.5	28.6	96	81	NNE 1	NE 1	10	10	.8
11	59.48	57.95	25.1	29.7	95	78	Calm	E 1	10	10	2.8
12	58.93	57.53	25.8	30.4	94	80	Calm	Calm	7	7	4.1
13	58.32	57.01	25.6	29.5	95	79	Calm	Calm	4	9	5.1
14	59.08	57.36	25.2	29.6	94	75	Calm	WSW 2	6	6	3.6
15	59.43	57.83	24.9	30	97	75	NE 1	NW 1	8	8	1
16	58.56	57.25	25	29	93	78	Calm	Calm	5	10	.8
17	56.93	56.05	26	26.6	88	94	Calm	N 1	10	10	1.5
18	56.19	55.14	25.6	31.1	95	72	Calm	ENE 2	4	6	------
19	56.46	55.31	25.7	30.3	90	80	Calm	ENE 2	4	8	5.1
20	56.21	53.64	26.1	30	93	82	Calm	NNW 2	10	10	34.8
21	55.81	55.26	23.5	28.3	96	80	ESE 4	SE 4	10	10	6.6
22	56.63	55.80	25.8	30.1	94	78	SbyW 2	ESE 1	10	10	------
23	56.69	55.76	25.5	29.8	95	78	Calm	NW 1	7	9	3
24	55.28	53.20	25.5	29.7	92	82	NW 1	WNW 2	10	9	------
25	52.49	51.62	27.3	28.3	79	79	W 4	WSW 4	9	10	1
26	54.90	54.88	25.7	24.3	94	93	Calm	WSW 3	10	10	6.8
27	57.56	56.55	25.9	30.4	94	73	SW 1	SW 2	10	7	.5
28	57.93	57.29	24.5	24.5	92	100	Calm	Calm	7	10	38.1
29	59.34	58.16	25.6	28.6	91	80	Calm	Calm	4	10	2
30	59.16	57.66	25.1	30	95	75	Calm	NE 1	8	6	.8
31	57.64	56.20	25.6	28.6	93	80	Calm	NbyE 2	6	10	3.3
Mean	56.97	55.81	25.4	28.4	93.1	80.9	1.1	1.8	7.9	9	------
Total	------	------	------	------	------	------	------	------	------	------	325.1

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	55.54	52.51	26.7	26.7	90	90	NbyW 1	N 1	10	10	84.1
2	55.48	56.69	26	29.2	88	76	SE 3	SE 4	10	8	------
3	59.47	57.80	26.4	29.8	90	76	Calm	NE 2	9	9	------
4	58.68	56.48	26.5	29.5	84	71	NE 2	NE 3	5	7	.3
5	57.43	55.75	26.1	30.6	91	74	NE 1	ENE 3	8	9	2
6	57.39	56.50	25.4	25.5	93	91	Calm	S 2	7	10	3.6
7	57.48	56.21	25	29.5	96	77	Calm	SSE 1	10	9	3.3
8	58.24	57.81	25	28.8	92	79	SE 2	SSE 2	10	10	.3
9	58.93	57.46	25.9	30.9	88	72	Calm	E 1	3	8	.3
10	58.76	57.18	25.8	31	93	72	NE 1	ENE 2	4	6	1
11	58.71	58.56	24.6	31.1	97	72	Calm	E 2	9	8	2.8
12	58.07	57.43	25.1	29.1	92	81	NE 1	Calm	9	10	.3
13	59.23	58.12	25	26.9	95	94	Calm	Calm	2	10	8.6
14	58.94	57.51	25	31	95	69	Calm	NEbyE 2	3	7	9.7
15	58.57	56.66	26	29.5	90	78	E 1	NEbyE 2	10	9	2
16	57.13	55.94	25.2	31.5	93	69	Calm	SE 1	3	6	5.3
17	57.72	56.42	24.5	27.9	96	82	Calm	N 1	6	9	4.6
18	58.57	58.21	25	28.6	95	81	Calm	E 1	5	9	57.2
19	59.35	57.40	24.5	26.8	93	88	Calm	Calm	9	10	2
20	57.87	56.21	24.8	31	94	72	Calm	E 2	9	10	1.8
21	56.08	55.45	24.7	29.5	95	79	Calm	Calm	7	9	------
22	55.88	55.25	25.2	29	91	81	Calm	Calm	4	8	11.9
23	56.64	55.51	25.5	31.1	92	68	Calm	SEbyS 1	7	5	------
24	57.36	56.26	25	29.6	92	77	Calm	ESE 1	6	10	3.3
25	57.23	55.75	26.8	31	88	75	ESE 1	SSE 1	10	7	3.6
26	56.96	55.29	26	29	94	78	Calm	Calm	8	6	.5
27	56.84	54.94	25	31	96	69	Calm	SE 1	6	3	------
28	56.72	55.20	25.5	29.5	93	77	Calm	NE 2	5	8	1.5
29	57.03	55.94	25.6	30	88	71	NNE 1	SE 1	10	9	------
30	57.66	56.06	25.6	29.6	95	77	NE 1	NE 2	9	9	4.6
31	------	------	------	------	------	------	------	------	------	------	------
Mean	57.67	56.42	25.4	29.5	92.3	77.2	0.5	1.4	7.1	8.3	------
Total	------	------	------	------	------	------	------	------	------	------	214.6

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain, 24 hrs. beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*			*0-10.*	*0-10.*	*mm.*
1	56.71	55.49	24.4	29.5	93	76	Calm	EbyS 1	9	10	2
2	56.53	54.70	25.1	29.4	95	74	NE 1	NE 1	10	8	8.4
3	56.45	54.60	23.9	26	97	93	SE 1	SW 1	10	10	9.4
4	55.65	55.14	25.5	26.9	87	93	S 1	SbyW 2	10	10	21.1
5	57.62	55.86	23.8	27.7	97	85	Calm	SbyW 1	10	10	.3
6	57.57	56.59	25.5	29.8	96	77	Calm	ENE 1	10	9	14
7	57.73	55.94	25.5	30.5	93	74	Calm	NNE 1	9	9	3.3
8	56.32	55.33	25.5	30.2	92	77	Calm	NE 2	8	10	41.9
9	55.68	54.57	24.4	27	97	88	SE 1	SE 2	10	10	21.3
10	57.23	56.40	26.5	29.7	95	77	SE 1	SE 2	10	8	.5
11	57.73	56.67	26.5	29.7	91	76	NE 2	E 2	10	10	2
12	57.72	56.23	25.8	30.1	96	77	Calm	Calm	10	10	------
13	57.02	55.14	25.2	30	98	77	Calm	E 1	10	5	------
14	56.66	55.43	26.4	31	93	74	Calm	E 2	3	7	9.7
15	57.69	55.81	24.8	30.5	98	72	NE 1	ENE 2	10	8	------
16	57.59	56.29	27	29.2	88	83	EbyN 2	ENE 2	10	10	3.6
17	57.90	56.61	26.6	30.9	90	76	ENE 2	E 1	9	8	14.7
18	58.67	57.21	24.2	29.6	99	78	Calm	Calm	10	8	4.1
19	58.34	57.31	24.6	27.1	96	88	Calm	NE 1	7	10	9.7
20	57.51	56.85	25.9	31.5	96	75	NE 2	ENE 2	10	8	4
21	57.86	56.86	25.7	27.1	95	90	NE 1	NE 1	10	10	3.8
22	56.87	56.21	25.5	28.1	90	79	NE 1	ENE 2	10	10	------
23	56.93	55.41	25.2	29	90	81	Calm	ENE 2	10	10	6.6
24	56.18	55.27	25.9	26.6	93	88	NE 1	NNE 1	7	10	4.6
25	56.97	56.96	25.6	24.9	91	92	SEbyS 1	SE 2	10	10	10.9
26	58.13	56.64	25.5	29.5	93	79	Calm	Calm	10	10	3.9
27	57.58	55.64	25.4	29	93	81	Calm	ENE 2	10	10	10.7
28	56.74	54.71	25.5	28.3	96	80	E 2	NE 1	10	10	29.5
29	56	53.30	23.5	24.5	97	97	WNW 2	N 2	10	10	75.2
30	54.61	54.56	25.2	25.4	95	97	SSW 2	SSE 2	10	10	20.1
31	56.92	55.16	26.3	29.5	94	79	E 2	E 2	10	10	31.7
Mean	57.07	55.77	25.4	28.7	94	81.7	0.8	1.4	9.4	9.3	------
Total	------	------	------	------	------	------	------	------	------	------	367

ANNUAL SUMMARIES FOR FIRST AND SECOND CLASS STATIONS, 1915.

CEBU.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.											
												Number of winds from six daily observations.									Total monthly velocity.	Average daily velocity.[a]	Average hourly velocity.
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.			
	mm.	*°C.*	*°C.*		*°C.*		*P.ct.*	*mm.*	*mm.*		*0-10*										*Km.*	*Km.*	*Km.*
January	761.20	26.5	31.6	7	20.9	26	73.7	54.1	23.1	17	4	91	86	0	0	0	0	0	7	2	12,212.1	393.9	16.4
February	61.11	26.6	32	27	22	3	67.9	0	0	0	2.7	73	87	1	1	0	1	0	3	2	10,457.4	373.5	15.6
March	61.61	27.4	32.6	24	22.5	12	71.5	8.3	3	28	3.3	71	102	4	3	0	0	1	5	0	11,532.6	372	15.5
April	60.16	28.2	32.4	30	23.4	8	72.9	1	1	20	2.8	68	103	6	1	0	0	0	2	0	12,525.7	417.5	17.4
May	58.46	28.9	35	11	23.5	22	78.1	36.6	22.4	1	4.4	34	55	10	10	36	16	14	10	1	8,499.9	274.2	11.4
June	57.96	28.8	34	11	22.3	24	76.6	92.2	25.9	24	4.9	43	70	11	7	16	11	6	9	7	8,449.9	281.7	11.7
July	57.53	28.5	34.2	9	23	3	76.8	120.4	32	2	5.2	14	27	5	9	31	57	10	11	22	12,083.1	389.8	16.2
August	57.90	28.2	33.6	29	21	27	74.6	186.1	47	26	5.1	3	5	0	4	42	102	14	2	14	12,619.7	407.1	17
September	57.72	28	33.7	29	21.3	29	75.9	207.1	47.8	14	5.6	22	31	4	3	25	55	14	9	17	10,335	344.5	14.4
October	56.90	27.9	33.5	10	22.3	15	78.3	199.1	57.1	6	6	15	23	1	1	37	78	10	6	15	13,307.7	429.3	17.9
November	57.83	28	33.8	9	23.2	12	77.2	37.9	10.2	2	4.2	61	57	6	5	10	9	3	12	17	--------	287.9	12
December	57.60	27.4	32.2	15	23	24	78.5	92.1	22.9	13,31	5.9	54	55	1	2	11	25	6	9	23	9,904.4	319.5	13.3
Year	758.83	27.9	35	---------	20.9	-------	75.2	1,034.9	57.1	-----	4.5	549	701	49	46	208	354	78	85	120	--------	357.6	14.9

ILOILO.

January	760.92	26.2	31	Various	20.9	28	73.6	63.2	35.8	10	4.2	93	91	2	0	0	0	0	0	0	--------	481.3	20.1
February	60.59	26.5	32.5	4	20.5	4	65.6	0	0	0	2.3	75	91	1	0	0	1	0	0	0	13,080.4	467.2	19.5
March	60.99	27.9	34.4	14	22.3	13	66.2	1.6	1.6	29	2.5	87	90	2	0	1	5	0	0	.1	14,902.8	480.7	20
April	59.53	29	35.4	4	22.9	7	65.3	5.9	3.8	21	2.6	75	91	5	0	0	7	0	2	0	14,163.2	472.1	19.7
May	58.14	28.7	35.5	1	23.9	25	76.9	131	57.1	13	5.7	23	29	8	5	15	67	8	20	11	8,156.8	263.1	11
June	57.66	28.4	34.6	11	23	12	77.3	399.9	90.4	23	7.1	52	56	5	2	5	26	6	19	9	8,120.4	270.7	11.3
July	57.31	27.7	33.4	6	22.2	11	82.2	403.4	106	25	7.3	30	28	3	2	6	86	8	13	10	9,629.5	310.6	12.9
August	57.92	27.9	32.1	30	22.3	17	80	112.5	42.7	17	6.5	5	8	0	0	10	142	4	5	12	--------	------	-------
September	57.58	27.2	33	20	22.6	9	83.3	233.8	51.6	9	7.1	31	19	7	1	10	78	9	11	14	8,810.5	293.7	12.2
October	56.77	26.9	33	2	22.8	9	84.7	331.9	106	8	7.9	13	27	5	3	21	79	12	11	15	9,222.3	297.5	12.4
November	57.78	27.2	33.4	9	23.2	12	84.2	60.5	16.8	30	5.8	82	61	3	1	9	10	2	9	3	9,639.5	321.3	13.4
December	57.58	26.4	82	10, 15, 16	22	6	86.2	105.7	18.1	26	7.4	82	49	6	4	7	22	3	6	7	10,609.2	342.2	14.3
Year	758.56	27.5	35.5	---------	20.5	-------	77.1	1,849.4	106	-----	5.5	648	640	47	18	84	523	52	96	82	--------	------	-------

ORMOC.

January	761.44	25.5	32.8	1	16.9	26	80.4	144	49.7	3	5.7	22	34	6	8	7	4	7	11	87	4,333	139.8	5.8
February	61.26	25.5	33.8	13	16.4	8	72.6	3.1	1.8	28	4.5	13	58	14	6	12	7	11	3	44	4,923.8	175.8	7.3
March	61.66	26.7	35.2	8	18	15	74.8	18.8	11	30	5.1	22	70	17	24	22	12	11	6	2	5,777.3	186.4	7.8
April	60.30	27.6	34.8	11	17.4	5	73.5	14.7	6.9	13	4.3	17	81	22	19	21	9	6	3	2	5,920.9	197.4	8.2
May	58.65	27.7	34.3	7	19.9	5	81.3	74	23.9	22	5.9	18	37	13	67	31	8	2	5	5	4;901.1	158.1	6.6
June	58.16	27.6	34.6	7	21.7	9	82.2	127.6	20.4	23	7.1	22	27	17	26	23	2	9	6	48	4,113.3	137.1	5.7
July	57.70	27.5	33.9	15	22.2	13	84.7	169.2	54.1	5	7.2	3	6	6	29	35	7	2	5	93	6,233.7	201.1	8.4
August	58.19	27.3	32.5	29	20.8	28, 29	84.5	250.1	41.7	29	7	6	4	2	53	11	1	0	6	103	4,979,5	160.6	6.7
September	57.93	27.1	33	20, 30	21.7	23	84.4	172.4	47.3	12	6.8	4	4	4	21	35	5	4	8	95	4,889.2	163	6.8
October	57.13	26.9	33	11	22.1	14	86.4	256.1	66.5	3	7.3	4	3	11	30	31	5	5	6	91	6,364.9	205.3	8.6
November	58.06	26.3	33.5	4	20.8	17	86.3	284.4	91.4	2	6	8	5	6	9	20	5	9	11	107	3,831.1	127.7	5.3
December	57.76	26	32.7	28	21.4	17, 29	87.5	327.2	82.6	5	7.7	8	9	6	14	10	5	7	16	111	4,631.2	149.4	6.2
Year	759.02	26.8	35.2	---------	16.4	-------	81.6	1,841.6	91.4	-----	6.2	147	338	124	306	258	70	73	86	788	60,899	166.8	7

TACLOBAN.

January	761.57	25.4	32.6	2	19	23, 26	84.5	305.7	83.2	9	6.6	0	2	33	18	3	0	33	33	64	--------	------	-------
February	61.33	25.7	33.6	13	18.6	7	78	14	3.4	28	4.6	1	11	36	27	6	1	17	22	47	--------	------	-------
March	61.91	26.4	33	24, 25, 27	19.5	6	80	108	23.1	28	6.3	2	6	40	54	5	0	23	20	36	--------	------	-------
April	60.42	27.3	33.6	10, 23	21	16	79.7	57.6	14.2	13	5.3	0	8	58	55	3	0	28	22	6	--------	------	-------
May	58.50	28.1	33.7	13	22.5	5	81.9	127.2	75.2	22	7.6	0	6	19	108	17	6	9	16	5	6,401.4	206.5	8.6
June	58.03	27.6	33.8	2, 8	23.3	13	84.7	175.2	33.1	16	8.4	0	0	30	44	8	0	19	17	62	4,717.6	157.3	6.6
July	57.30	27.5	35.1	5	23.1	31	83.9	127.4	23.9	23	8	0	1	15	24	15	14	23	11	83	4,392	141.7	5.9
August	57.58	28.1	35.7	9	22.5	26	80.6	77.3	21.5	26	8.4	0	1	13	28	8	6	34	19	77	4,260	137.4	5.7
September	57.44	27.7	35.2	26	22.4	14	81.9	123.9	43.9	6	8.4	0	0	11	19	10	11	45	14	70	4,669.9	155.7	6.5
October	56.59	27.1	34.5	16	22.9	14	85.6	239.2	46.7	6	8.8	0	0	8	26	16	6	31	34	65	5,338.9	172.2	7.2
November	57.86	26.9	33.7	1	23.1	10	86.1	191.7	64	2	7.1	0	3	13	21	2	2	39	42	58	4,947.4	164.9	6.9
December	57.45	25.9	32.7	17	21.5?	6	88.4	552.5	117.9	5	8.9	0	2	9	12	3	3	37	60	60	6,220.5	200.7	8.4
Year	758.83	27	35.7	---------	18.6	-------	82.9	2,099.7	117.9	-----	7.4	3	40	285	436	96	49	338	310	633	--------	------	-------

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[a] Owing to some unavoidable defects in the recording instruments, the velocity of the wind had to be omitted occasionally for a few days in several of the stations included in these summaries.

CAPIZ.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.											
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		Number of winds from six daily observations.									Total monthly velocity.	Average daily velocity.	Average hourly velocity.
												N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.			
	mm.	°C.	°C.		°C.		P.ct.	mm.	mm.		0-10										Km.	Km.	Km.
January	761.63	26.1	32	31	19.8	28	80.9	51.1	16.7	5	5	6	81	23	0	0	0	0	0	76	4,945.2	159.5	6.6
February	61.30	26.1	33.3	15, 23, 25	19.2	4	75.8	19.7	10.7	25	3.4	6	46	35	0	0	0	0	0	81	4,317.4	154.2	6.4
March	61.74	27.4	34.5	24	22	13	75.1	7.1	6.8	29	3.9	17	94	35	2	0	0	0	1	37	5,273	170.1	7.1
April	60.29	28.4	35.4	30	22	6	74.1	.5	.5	24	2.6	7	105	27	0	0	0	0	0	41	--------	184.7	7.7
May	58.38	28.4	36.7	14	23.4	5	79.6	76.6	33.1	27	6.4	22	31	20	24	9	6	3	6	65	3,647.2	117.7	4.9
June	57.97	28.3	35.7	5	23.2	28	81	173.9	82.5	11	7	4	59	29	11	8	7	2	1	59	3,656.3	121.9	5.1
July	57.37	27.5	34.8	4	23	12	83.8	277	54.1	11	7.6	12	31	10	12	25	11	7	2	76	--------	114.3	4.8
August	57.83	27	34.2	1, 8	23.2	19	87.2	234.9	98.9	5	7	6	1	0	13	43	13	10	16	84	3,115.2	100.5	4.2
September	57.76	26.8	34.2	9	22.9	18, 25	87.5	212.2	37.6	25	7.6	8	25	2	7	11	11	1	13	102	2,556.8	85.2	3.6
October	56.86	26.8	33.9	31	23.2	10, 14, 17	86.3	221.6	49	13	8.3	17	16	0	13	30	18	14	10	68	--------	129.3	5.4
November	58.27	27.1	34.7	4	23.2	13	84.9	222.9	56.4	10	6.8	12	85	1	0	9	3	3	7	60	3,955.3	131.8	5.5
December	58.09	26.4	33.3	8	22.3	7	87	167.9	39.8	6	8.2	29	84	3	1	9	4	4	8	44	5,477.4	176.7	7.4
Year	758.96	27.2	36.7	--------	19.2	--------	81.9	1,665,4	98.9	-----	6.2	146	658	185	83	144	73	44	64	793	--------	137.2	5.7

CALBAYOG.

January	761.72	25.1	33.4	1	17.4	26	83.4	52.8	16.7	3	3.9	35	42	0	2	21	3	0	1	82	4,986.3	160.8	6.7
February	61.46	24.9	34.8	24	17.7	21	79.3	28.5	7.4	10	2.9	28	20	7	2	30	3	1	5	72	4,112.3	146.9	6.1
March	62.01	25.8	35.6	28	19.7	1	80.9	45.1	23.9	30	3.8	74	49	2	6	34	6	1	4	10	4.750.8	153.3	6.4
April	60.55	26.8	35.8	24	20.3	7	80.6	135.9	50	17	2.9	57	45	13	4	34	5	0	14	8	--------	148.7	6.2
May	58.60	27.8	36.6	20	21.5	5	81.3	39.5	20.9	23	4.8	47	39	15	7	41	12	6	19	0	4,397.4	141.9	5.9
June	58.25	26.8	35.4	3	22.6	6, 9	86.5	364.7	90.9	26	6.2	82	24	13	12	22	4	3	17	3	*3,526.7	117.6	4.9
July	57.44	27.3	34.7	21	22.5	13, 16	85.5	272	46.5	26	6.8	60	12	2	4	40	36	10	16	6	6,622.5	213.6	8.9
August	57.75	28.5	35.8	15	21.7	28	80.2	75.2	23.8	5	6.6	12	0	1	2	22	87	28	11	23	6,798.5	219.3	9.1
September	57.61	27.2	34.4	23	22.4	30	85	264.4	81.9	13	6.8	37	5	3	7	9	53	27	20	19	6,303.5	210.1	8.8
October	56.67	26.9	35.4	19	22.3	14	86.6	471.5	176.7	22	7	48	3	3	16	29	25	12	21	29	6,379.8	205.8	8.6
November	58.05	26.1	[a]34.4	5	20.4	19	88.4	354.3	61.5	2	5.5	77	18	1	14	10	4	4	19	33	4,487.6	149.6	6.2
December	57.65	25.5	-----	--------	22.4	17, 23, 24	90.5	716.7	266.7	6	7.9	88	12	0	12	15	5	7	13	34	5,111.9	164.9	6.9
Year	758.98	26.6	36.6	--------	17.4	--------	84	2,820.6	266.7	-----	5.4	645	269	60	88	307	243	99	160	319	--------	169.4	7.1

LEGASPI.

January	761.81	26.3	32.6	20, 21	20.4	24	79.9	143.9	30	2	4	85	70	6	0	0	0	0	0	25	--------	283.2	11.8
February	61.47	26.4	32.6	9	18.3	18	77.5	45.4	13	11	2.7	38	80	12	2	0	0	0	0	36	--------	212.8	8.9
March	61.90	27.3	33.6	31	21.2	13	77.4	55.3	19.3	17	4.1	67	81	22	0	1	0	1	2	12	--------	275.4	11.5
April	60.52	28.4	34.6	30	20.5	7	77	58.1	11.4	26	2.6	59	96	14	0	0	0	0	0	11	--------	290.4	12.1
May	58.21	28.9	36.2	31	22.4	5	78.7	62.3	23.4	16	4.9	15	61	11	0	8	30	12	0	49	--------	165.3	6.9
June	58.02	28.7	36	1	23.3	28	79.4	283.8	51.5	7	5.5	54	70	11	0	3	10	7	1	24	--------	186.8	7.8
July	56.92	28.4	36.6	5	21.6	15	80.2	186.2	44	14	6	16	48	5	1	27	51	15	2	21	--------	224	9.3
August	57.12	27.9	34.9	29	22.6	28	81.4	178.1	56.2	19	5.9	1	3	7	0	22	117	16	2	18	--------	259.8	10.8
September	57.15	27.5	34.5	22	22.7	29	84.2	261	82.2	17	6.5	18	28	6	2	37	42	13	4	30	--------	183.1	7.6
October	56.16	[b]27.6	[b]35.1	17	[b]23	10, 17	[b]84.6	364.7	120.5	22	6.4	14	34	5	3	17	29	19	4	61	--------	180.4	7.5
November	57.99	[a]27.6	[a]33.6	1, 16	[b]22.2	24	83.2	346.3	88.5	3	4.7	46	84	4	3	4	5	1	2	31	--------	249.3	10.4
December	57.64	[b]26.4	-----	--------	-----	--------	87.1	786.9	177.8	6	7.2	64	66	5	2	6	9	1	4	29	--------	275	11.5
Year	758.74	27.6	36.6	--------	18.3	--------	80.9	2,772	177.8	-----	5	477	721	108	13	125	293	85	21	347	--------	232.1	9.7

ATIMONAN.

January	762.08	25.9	30.4	19	20.9	20	81.2	156.9	32.5	9	6.3	29	130	5	0	0	0	0	8	14	--------	223.2	9.3
February	61.46	26	32.5	25	18	4	78.2	.3	.3	12	4.3	25	48	3	0	1	0	1	8	82	--------	129.1	5.4
March	61.87	26.8	33.8	13	20.3	14	79.4	69.5	17.3	27	5.8	41	85	0	5	0	5	0	4	46	7,921.6	255.5	10.6
April	60.32	28.3	34.6	5	21.7	7	77.9	33.9	12.7	23	4.1	39	96	2	2	2	3	7	10	19	9,708.2	323.6	13.5
May	57.82	28.7	36.7	30	23.4	1	77.8	33.2	9.1	3	7	20	27	7	4	25	67	4	9	23	7,146	230.5	9.6
June	57.93	28.4	35	5	23.3	28	81.4	200.7	37.3	15	6.5	38	54	6	6	12	14	3	20	27	--------	253.5	10.6
July	56.74	28	35.2	4	23.5	12	81.4	125.9	29.5	7	7	12	43	3	1	20	65	15	5	22	--------	237.9	9.9
August	56.78	28	35.5	16, 29	22.8	29	78.1	51.2	35.3	17	6.9	0	0	0	0	12	115	25	15	19	--------	232.1	9.7
September	57.08	27	33.9	6	22.7	4	84.6	238	56.9	19	7.3	24	10	1	2	7	43	26	44	23	7,697.4	256.6	10.7
October	56.14	26.8	32.9	19	22	26	86.7	556.2	114	23	8.2	38	30	8	24	8	19	5	37	17	10,493.4	338.5	14.1
November	58.47	26.7	32	2	22	3	86.4	577	121.3	3	8.1	49	87	1	8	11	5	0	12	7	14,808.9	493.6	20.6
December	58.37	25.7	32	9	22.4	6	87.4	926.2	355	6	9	68	63	1	9	7	4	4	21	9	18,107.9	584.1	24.3
Year	758.76	27.2	36.7	--------	18	--------	81.7	2,969	355	-----	6.7	383	673	37	61	105	340	90	193	308	--------	296.5	12.4

* 9 hours missing.

[a] 29 days of observation.

[b] 28 days of observation.

PARACALE.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.											
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		Number of winds from six daily observations.									Total monthly velocity.	Average daily velocity.	Average hourly velocity.
												N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.			
	mm.	*°C.*	*°C.*		*°C.*		*P.ct.*	*mm.*	*mm.*		*0-10*										*Km.*	*Km.*	*Km.*
January	762.48	25.5	30.4	7	20.5	20	83.4	362.7	84.6	8	6.6	2	118	0	0	0	0	0	0	66	5,312.9	171.4	7.1
February	61.91	25.4	30.8	24	18.8	4	84.6	17	6.6	11	3.5	0	70	2	0	0	0	0	0	96	3,102.6	110.8	4.6
March	62.42	26.3	32.9	14	21.4	7	83	89	20.6	16	5.3	3	104	0	0	0	0	0	0	79	4,862.8	156.9	6.5
April	60.92	27.7	32.8	4, 5	21.7	7	80.5	56.4	17	21	3.8	0	97	16	0	0	0	0	0	67	[a]4,421	147.4	6.1
May	58.23	28.1	36	15	23.5	4	83.7	152.8	34.6	17	6.1	0	31	18	0	2	9	0	1	125	2,756.5	88.9	3.7
June	58.31	28.3	34.6	30	23.6	6	83.3	154.6	33.5	25	5.8	0	48	23	0	0	0	2	0	107	3,244.6	108.2	4.5
July	56.95	28.2	35.8	4	23.7	16	83.1	199.5	46	10	6.6	0	26	3	0	7	13	3	0	134	2,749.5	88.7	3.7
August	56.90	28.1	35.4	4	23.5	28	82.7	189.2	52.3	17	7.3	1	2	1	0	25	21	0	2	134	2,623.6	84.6	3.5
September	57.26	27.5	34.2	11	23.3	30	85.2	213.1	48.2	26	7.4	1	16	2	0	3	19	3	0	136	2,417.1	80.6	3.4
October	56.36	27	32.8	25, 30	22.5	7	86.6	484.9	97	22	8	11	43	3	0	3	14	0	0	112	3,434.1	110.8	4.6
November	58.59	26.8	32.4	4	22.9	12, 13	86.5	699.9	177.2	3	7.6	7	93	4	0	3	3	1	0	69	5,854.2	195.1	8.1
December	58.54	26	31.8	8	22	7	88.2	998.3	204.1	6	8.8	16	105	4	1	0	0	2	4	54	7,966.7	257	10.7
Year	759.07	27.1	36	----------	18.8	-------	84.2	3,617.4	204.1	-------	6.4	41	753	76	1	43	79	11	7	1,179	48,745.6	133.4	5.6

DAGUPAN.

Month.	Pressure (mean).	Mean.	Maximum.	Date.	Minimum.	Date.	Relative humidity (mean).	Total.	Maximum in 24 hours.	Date.	Cloudiness (mean).	N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Total monthly velocity.	Average daily velocity.	Average hourly velocity.
January	761.45	26	35.7?	29	19.4	2	74.1	4.9	4.1	31	3	14	4	6	50	20	5	0	75	12	8,038.3	259.3	10.8
February	60.70	26.6	36.4	26	18.6	17	71.4	10.7	10.7	22	1.9	6	9	6	46	17	1	6	68	9	6,979.1	249.3	10.4
March	61.10	27.6	37.8	30, 31	19.6	6	71.3	35.1	34.3	16	2.9	8	8	3	48	19	6	3	88	3	8,838.1	285.1	11.9
April	59.42	29.5	39.9	12	22.6	8	67.3	107.4	50.8	17	2.9	9	1	5	51	33	7	8	62	4	8,727.4	290.9	12.1
May	57.32	28.7	38.4	6	23.6	6	77	177.5	39.3	18	6.3	7	5	10	49	22	10	13	60	10	[b]7,451.5	240.4	10
June	57.18	28.9	38.4	18	23	11	77.4	182.4	38.6	18	6.1	7	4	6	70	27	17	7	30	12	7,083.1	236.1	9.8
July	56.18	28	38.2	7	23.1	3, 18	81.4	239.8	67.9	30	6.9	6	3	15	68	23	7	10	33	21	6,994.1	225.6	9.4
August	56.54	27	35.2	20	22.9	25	87.5	509.2	60.9	5	8.2	19	3	7	60	27	9	15	29	17	5,837.5	188.3	7.8
September	56.58	27.7	35.5	17, 22	22.6	29	84	214.7	74.5	10	6.9	14	7	11	73	13	10	11	27	14	6,039.1	201.3	8.4
October	55.62	27.8	35.9	19	22.5	31	81.4	160.8	58.2	5	6.9	8	5	10	78	20	7	9	31	18	--------	236	9.8
November	57.74	27.1	34.9	1	20.4	19	81.6	192.9	117.1	3	4.8	21	3	6	55	25	4	7	24	35	6,432.4	214.4	8.9
December	57.83	26.5	34.8	10	20.6	6	79.4	20.1	11.6	7	5.9	22	5	6	46	26	0	3	34	44	6,335.5	204.4	8.5
Year	758.14	27.6	39.9	---------	18.6	-------	77.8	1,855.5	117.1	-------	5.2	141	57	91	694	272	83	92	561	199	--------	235.9	9.8

BAGUIO.[c]

Month.	Pressure (mean).	Mean.	Maximum.	Date.	Minimum.	Date.	Relative humidity (mean).	Total.	Maximum in 24 hours.	Date.	Cloudiness (mean).	N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Total monthly velocity.	Average daily velocity.	Average hourly velocity.
January	638.87	17.2	25.5	25	11.5	1	80.3	3.1	2.3	23	4.1	2	6	64	37	3	30	23	3	18	--------	321.8	13.4
February	38.30	17.5	27.2	4	11.6	17	76.1	0	0	0	3.3	3	6	41	37	2	24	24	2	29	9,306.1	332.4	13.8
March	38.88	18.1	26.4	29, 31	12.9	1	79.4	5.1	5.1	26	4.9	3	10	45	35	3	28	55	6	1	10,969	353.8	14.7
April	38.21	19.9	28.6	11	14.1	24	75.2	74.7	30.5	2	5.3	3	6	49	43	5	22	46	5	1	11,215.1	373.8	15.6
May	36.61	19.2	27.2	12	15	6	85.5	304.1	48	19	6.7	[d]5	2	27	29	9	29	66	18	0	--------	377.1	15.7
June	36.55	19.5	26.8	17	15.3	10	85.7	286.3	45.9	30	6.5	1	11	62	41	6	22	31	3	3	--------	334.1	13.9
July	35.48	18.9	26.3	9	15.3	2	88.9	421.6	40.9	22,24,28	7.4	8	8	42	31	6	26	58	6	1	11,212.2	361.7	15.1
August	35.51	17.9	24.7	18	14.7	29	94.8	1,120	139.2	9	8.9	10	8	4	7	6	35	103	13	0	14,129.4	455.8	19
September	35.58	18.4	26.2	20	15	27	91.6	602.8	67	21	7.5	4	9	42	21	9	17	68	9	1	7,939.9	264.7	11
October	34.68	18.5	25.6	9	14.4	30	88.9	882.8	650.1	29	7.1	8	16	60	22	11	21	37	11	0	--------	366	15.2
November	36.42	18.2	25.4	6, 24	13.2	19	83.4	145.4	54.2	3	5.6	7	9	64	55	5	16	21	2	1	--------	315.2	13.1
December	36.20	17.5	24.4	27, 28	12.7	23	85.9	93	27.5	14	6.2	11	9	75	49	8	13	20	1	0	--------	412	17.2
Year	636.77	18.4	28.6	---------	11.5	-------	84.6	3,938.9	650.1	-------	6.1	65	100	575	407	73	283	552	79	55	--------	355.7	14.8

VIGAN.

Month.	Pressure (mean).	Mean.	Maximum.	Date.	Minimum.	Date.	Relative humidity (mean).	Total.	Maximum in 24 hours.	Date.	Cloudiness (mean).	N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Total monthly velocity.	Average daily velocity.	Average hourly velocity.
January	761.93	25.1	33.2	14	18.2	2	78.2	0.3	0.3	7	2.5	24	11	15	1	0	1	10	71	53	--------	248.4	10.4
February	61.06	26	32.5	25	19.2	20	78.1	0	0	0	2.8	14	0	4	1	2	6	14	23	104	5,508.1	196.7	8.2
March	61.50	26.6	34.1	15	19.7	20	73.6	5.3	5.3	17	3.1	27	12	20	3	7	11	24	51	31	7,157	230.9	9.6
April	59.88	28.8	35.6	23	21.1	8	74.2	15.5	8.6	18	2.4	10	7	10	7	8	17	21	37	63	--------	200.4	8.4
May	57.64	28.6	35.2	13	21.3	28	76.9	354.8	90.2	28	6.4	2	2	19	6	41	22	9	22	63	--------	205.4	8.6
June	57.48	29.1	34.7	18	20.3	9	76.2	85.9	44.1	9	4.5	0	20	22	1	29	19	18	15	56	--------	200.7	8.4
July	56.30	28.3	33.8	11	22.2	15, 25	80.3	259.8	76.2	1	6.5	3	3	20	6	41	22	7	15	69	6,065.2	195.7	8.2
August	56.46	27.3	33	20	22.4	25	84.3	579.2	82.4	20	8	0	1	12	7	89	23	3	5	46	--------	257	10.7
September	56.78	27.6	33.5	24	22.5	11	82.3	183.8	52.5	8	5.9	5	1	8	11	25	21	8	21	80	4,463.6	148.8	6.2
October	55.59	[e]28.1	[e]37.1	25	[e]22.7?	29	[e]77.5	543.5	243.3	29	5.9	25	3	10	5	5	9	8	32	89	--------	246	10.2
November	58.13	27.2	35.4	10	22.1	30	75	45.9	13.5	13	4.3	[f]46	18	2	1	4	4	5	59	40	--------	--------	--------
December	58.25	26.5	33	4	20.5	24	74.1	44.9	40.9	31	4.7	47	17	8	0	1	4	6	54	49	9,213.3	297.2	12.4
Year	758.42	27.4	37.1	---------	18.2	-------	77.6	2,118.9	243.3	-------	4.8	203	95	150	49	252	159	133	405	743	--------	------	------

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[a] 8 hours missing.

[b] 4 hours missing.

[c] The barometric readings of this station are not reduced to sea level.

[d] No observation was made of wind direction on May 27, 2 a. m.

[e] 29 days of observation.

[f] No observation was made of wind direction on November 1, 2 a. m.

APARRI.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.											
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		Number of winds from six daily observations.									Total monthly velocity.	Average daily velocity.	Average hourly velocity.
												N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.			
	mm.	*°C.*	*°C.*		*°C.*		*P. ct.*	*mm.*	*mm.*		*0-10*										*Km.*	*Km.*	*Km.*
January	763.44	23.5	30.5	27, 31	18.6	16	83.4	144	33.1	24	5.6	12	48	36	17	11	12	12	17	21	-------	294.4	12.3
February	62	24.8	32	26	20.2	10, 27	80.9	7.6	2.4	28	4	13	57	21	8	28	9	10	11	11	7,997	285.6	11.9
March	62.83	24.6	33.3	12	19.6	2	79.9	75.5	28.4	13	5.8	18	70	29	13	26	9	3	3	15	-------	324.1	13.5
April	60.72	26.9	34.3	12, 17	21.3	15	79.5	52.1	42.7	7	3	13	52	20	27	23	14	12	2	17		-------	-------
May	57.81	27.3	35.6	14	23	6	82.5	130.6	28.4	17	7.1	23	38	13	10	46	14	10	5	27	6,856.7	221.2	9.2
June	57.91	28.5	35.2	28, 29	23.4	5	78.7	48.6	37.6	2	5	7	27	15	28	71	15	8	4	5	7,925	264.2	11
July	56.44	28.3	35.5	4, 8	23.2	17	79.6	83	26.2	20	5.7	14	33	10	15	54	23	7	12	18	-------	276.5	11.5
August	55.82	27.6	33.6	11	23.3	29	83.4	140.3	28.5	21	7	18	14	4	19	74	24	9	16	8	9,241.6	298.1	12.4
September	57.17	27.5	33.3	27	23	28, 29	82.3	75.2	44.7	4	5.1	5	44	12	9	33	27	10	22	18	8,219.7	274	11.4
October	56.18	27.2	33.4	31	22.8	31	83	170.1	49.7	29	5.4	12	40	20	44	14	10	3	10	33	-------	263.5	11
November	60.14	25.8	32.4	5	21.8	18	86.6	296.2	66.3	19	6	3	95	33	20	4	0	0	0	25	-------	299.3	12.5
December	60.77	23.8	29.6	9	19.4	19	87.3	302.9	82.5	11	8.5	7	92	49	8	3	1	0	0	26	10,588.6	341.6	14.2
Year	759.35	26.3	35.6	-------	18.6	-------	82.3	1,496.1	82.5	-------	5.7	145	610	262	218	387	158	84	102	224	-------	-------	-------

TAGBILARAN.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.									
		Mean.	Maximun.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		Number of winds from six daily observations.									Velocity, monthly mean.
												N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	
	mm.	*°C.*	*°C.*		*°C.*		*P. ct.*	*mm.*	*mm.*		*0-10*										*0-12.*
January	760.92	25.4	33.4	29	17.8	25, 26	82.1	21.6	8.8	21	4.1	25	30	12	29	2	2	3	2	81	1.3
February	60.72	25.4	34.4	13	17.6	9	75.6	0	0	0	2.6	11	17	10	26	4	5	3	4	88	1.3
March	61.29	26.4	33.4	16	19.6	12	75.7	3.6	3.6	30	3.1	1	8	7	38	3	6	4	5	114	1
April[a]	59.67	27.4	34.6?	13?	20.8?	8?	74.3	20.1?	10.7?	25?	3	3	5	8	38	5	2	5	1	83	1.2
May[b]	58.36	27.8	34.8	8	22.7	5	78.6	59.3	22.6	27	4.4	2	1	6	59	10	1	1	0	100	1.3
June																					
July	57.61	27.4	33.6	20	22.7	16	83.5	133.1	84.1	29	5.8	0	0	7	36	39	2	1	4	97	1.2
August	58.05	28	34.4	10, 15	22.8	16, 27, 28	79.8	117.7	67.6	17	5.1	0	0	0	32	36	1	1	1	115	1
September	57.79	27.1	33.3	2, 9	21.6	16	82.6	293.8	61.5	25	6.7	0	1	0	17	44	5	4	5	104	1
October	57.10	26.9	32.7	11	22.9	16	[b]85	212.4	116.9	2	[b]7.3	[c]0	0	0	19	56	7	5	7	86	[b]1.4
November	57.81	26.7	34.3	2	22	20	85.3	74.2	17.8	9	4.7	2	1	2	27	23	0	7	5	113	.7
December	57.52	26.1	32.3	1, 17	22.1	24	[b]87.2	[b]98.4	16.8	2	[b]7.3	[d]7	0	0	8	35	1	3	15	111	[b].6

SURIGAO.

January	761.09	25.6	31.1	10	19.3	25	85.6	390.8	56.4	14	6.8	2	32	67	1	1	0	0	4	79	1
February	61.08	25.4	32.3	22	19.7	19	81.6	58.5	15.3	28	5.3	0	43	47	6	3	0	0	4	65	.9
March	61.73	26	32	23	20.3	13, 15	84.7	87.1	26.6	30	5.3	5	28	81	36	4	2	0	1	29	1.6
April	60.24	26.7	32.8	9	21.2	5	83.5	173.5	32.1	25	5.4	2	22	101	35	7	0	0	1	12	1.9
May	58.54	27.5	33.8	23	22.4	5	83.5	45	18.4	9	5.8	4	14	58	20	24	12	8	8	38	1.3
June	57.98	27	33.7	5	22	7	85.9	205.7	39.4	21	7.7	6	7	50	25	16	11	4	6	55	1.1
July	57.47	27.7	33.3	1, 4, 31	22.1	14	80	43.9	14.8	12	7.2	7	9	20	5	27	41	34	11	32	1.5
August	57.87	28	34.8	9	22.3	27	75.5	81.3	41.7	18	7.2	2	0	0	0	15	74	61	14	20	1.5
September	57.58	28	34.3	11	22	28	78.2	76.4	31.3	27	7.7	9	2	22	5	29	60	41	3	9	1.8
October	56.88	27.5	35.1	30	21.8	14	82.8	216.8	41.2	22	8.2	5	4	12	8	32	.69	35	10	11	1.8
November	57.82	26.8	34.5	25	21.9	20, 21	86.4	182.6	58.9	2	6.6	14	24	43	15	36	21	4	17	6	1.5
December	57.35	26.1	34.1	7	20	5	87.2	334.2	98	31	6.8	24	20	20	0	5	22	13	16	66	1.3
Year	758.80	26.9	35.1	-------	19.3	-------	82.9	1,895.8	98	-------	6.7	80	205	521	156	199	312	200	95	422	1.4

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[a] 25 days of observation.

[b] 30 days of observation.

[c] No observation was made of wind direction on October 26.

[d] No observation was made of wind direction on December 9.

AMBULONG, TANAUAN.

Month.	Pressure (mean).	Temperature.					Relative humidity (mean).	Rainfall.			Cloudiness (mean).	Wind.									
		Mean.	Maximum.	Date.	Minimum.	Date.		Total.	Maximum in 24 hours.	Date.		Number of winds from six daily observations.									Velocity, monthly mean.
												N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	
	mm.	*°C.*	*°C.*		*°C.*		*P. ct.*	*mm.*	*mm.*		*0-10*										*0-12*
January	761.65	26.1	33.8	28	19.2	18	76.2	2.8	1.5	13	6.5	3	169	8	3	1	2	0	0	0	1.9
February	61.09	26.4	34.2	8	17.5	4	72.4	0	0	0	5.9	4	105	43	2	2	10	0	0	2	1.7
March	61.64	27.2	36.6	10	20.4	7	73.7	5.4	2.8	1	6.6	1	165	14	2	1	2	0	1	0	1.8
April	60.04	28.3	37.9	11	21	7	72	39.1	34.3	18	6.2	1	120	26	2	4	25	0	0	2	1.8
May	57.84	28.9	38	1	21.8	1	74.1	98.4	49.1	5	7	2	86	20	4	21	43	6	0	4	1.5
June	57.30	28.3	36.8	11, 19	22	28	77.5	134.2	28.9	22	7	4	70	33	11	5	16	0	0	41	1.1
July	56.32	27.6	37	5, 6	22.9	19	80.6	224.8	56.9	28	7.6	8	73	10	2	16	43	7	0	27	1.7
August	56.73	27	35.3	30	21.9	29	82.7	176	22.3	24	7.9	3	37	8	5	13	80	11	0	29	1.8
September	56.78	26.7	34.8	24	22	28	84.4	320.9	113.3	8	7.4	6	56	17	2	11	47	7	1	33	1.5
October	55.67	26.4	34.1	7	20.3	26	84.3	325.6	141.6	23	7.7	4	88	15	8	3	22	8	5	33	1.8
November	57.80	26.1	32.3	5	22.2	1, 19	85.1	195.6	106	10	7.2	27	102	14	7	5	3	3	2	17	2
December	57.62	25.5	32.5	13, 28	19.1	6	85.7	264.8	143.5	7	7.7	13	116	15	7	3	4	3	5	20	2.3
Year	758.37	27	38	--------	17.5	--------	79.1	1,737.6	143.5	-------	7.1	76	1,187	223	55	85	297	45	14	208	1.7

SAN ISIDRO.

January	762.43	25.5	34.1	21	17.5	2	75.3	2.1	0.8	8, 28	4.1	102	8	66	4	0	0	0	4	2	2.1
February	61.67	25.9	34.6	19	16.5	17	70.9	2.1	1.8	22	2.9	90	8	49	12	4	1	0	0	4	2
March	62.08	27.5	37	31	18.6	7	68.8	5.9	5.1	25	4.3	89	6	54	19	4	4	0	0	10	2.1
April	60.56	29.6	39.1	5	21.6	15, 24	64.6	0	0	0	3.4	56	15	63	22	4	7	0	2	11	2.1
May	58.34	28.7	39.6	1, 2	23	2	78.1	199	40.4	12	6	30	13	20	22	25	22	0	3	51	1.6
June	58.26	29	37.4	25	23.2	11	74	22.7	9	26	5.3	40	21	47	18	18	4	0	9	23	1.8
July	57.19	27.6	37.6	10	21.9	16	83.5	309	56.7	30	6.6	30	12	27	17	38	12	5	17	28	1.7
August	57.44	26.6	33.6	30	23	14, 29	91.5	250.6	63	13	7.5	12	3	1	15	61	29	2	14	49	1.4
September	57.55	27	33.9	22, 23	22.8	29	87.7	169	35	2	6.7	53	13	17	5	32	28	3	11	18	1.5
October	56.61	26.6	33.6	11	21.4	26	87.6	164.5	46.5	14	6.9	56	23	34	15	16	6	4	19	13	1.9
November	58.71	26.4	32.7	21	19.9	19	85.3	136.3	91.1	3	4.8	77	35	44	1	8	0	1	5	9	1.8
December	58.76	25.3	32.5	28	19	4	85.9	123.7	45.6	7	5.6	77	34	32	14	1	0	0	18	10	1.7
Year	759.13	27.1	39.6	--------	16.5	--------	79.4	1,384.9	91.1	-------	5.3	712	191	454	164	211	113	15	102	228	1.8

BOLINAO.

January	761.97	26.4	32.9	5	19	3	74.7	33	30.5	16	5.9	98	8	10	52	9	0	3	6	0	3.6
February	61.20	26.8	36	25	18.9	10	75	.3	.3	22	4.2	58	1	8	63	9	1	12	16	0	3.4
March	61.58	27.5	35.3	27, 28	20.4	1	75.6	1.4	.8	16	6.3	64	3	7	54	13	0	23	21	1	3.3
April	59.86	29.4	37.9	27	22.6	9, 26	71.9	0	0	0	5.2	29	0	13	63	25	1	29	20	0	3
May	57.67	28.7	38	6	23.1	6	78.7	174.7	63.3	6	8.9	17	3	7	55	56	14	22	12	0	3.1
June	57.46	29	36.5	16	23.9	18	78.4	285.9	69.6	26	9	20	2	13	84	24	4	13	19	1	3.3
July	56.39	27.7	35	8	22.9	2	84.2	414.3	134.7	28	8.9	4	4	12	89	38	19	10	9	1	3.1
August	56.64	26.6	33.1	18, 19	22.3	13	89.2	682.5	113.7	24	9.6	5	1	2	79	58	14	14	11	2	2.9
September	56.83	27.3	34.5	19	23.1	11	87.1	391	90.4	7	9.4	13	1	10	82	41	14	6	11	2	2.6
October	55.86	27.8	34	10	22.7	26	83.3	253.4	60	29	9.1	26	5	16	82	11	11	8	26	1	3.5
November	58.03	27.1	32.5	5, 26	21.4	19, 30	83.1	210.5	149.8	3	6.4	52	5	24	69	7	0	3	19	1	3
December	58.12	26.3	31.6	3	20.4	24	81.2	29.1	10	12	8.4	63	2	12	63	15	1	3	25	2	3.3
Year	758.47	27.6	38	--------	18.9	--------	80.2	2,476.1	149.8	-------	7.6	449	35	134	835	306	79	146	195	11	3.2

TUGUEGARAO.

January	763.23	24.3	34.4	5	16.6	4	80.3	20.1	7.9	25	5.9	25	16	2	12	17	5	1	37	71	1.1
February	61.80	26	37.1	24	16.1	10	71.3	2.3	2.3	21	4.5	15	21	2	39	17	7	3	22	42	1.1
March	62.52	26.5	38.5	4, 5	18	2, 6	69.3	2.3	1	29	5.5	31	21	2	23	19	7	3	43	37	1.6
April	60.65	28.8	41.6	14	20	24	67.8	84.3	27.7	2	4.1	9	10	5	31	29	10	2	15	69	.8
May	57.86	28.2	40.4	12	22	26	77.8	242.9	69.1	26	7.2	15	17	1	40	28	8	2	15	60	.9
June	58.04	29.4	40.4	23, 28	23	5	72.6	41.6	12.7	2	5.4	6	4	2	52	47	7	5	6	51	.9
July	56.59	28.9	41	9	22.4	18	75.1	134.7	41.4	29	6.4	15	11	0	41	26	22	1	14	56	.8
August	56.15	27.6	37.4	4	22.1?	6	84.1	238.6	47.5	5	7	10	8	1	33	32	14	1	11	76	.7
September	57.23	27.6	38	27	21.9	29	81.7	141.8	59.7	28	6.6	11	12	0	35	23	9	3	20	67	.8
October	56.28	27.1	38.2	20	21.7	6	82.1	509.6	201.4	29	6.4	16	12	0	22	19	3	0	33	81	1.3
November	59.85	25.7	35.5?	6	20.4	19	87.5	545.8	222.4	29	7.4	51	34	3	7	8	4	0	8	65	1
December	60.33	24.1	33.3	29	19.2	21, 26	87.9	149.6	41.4	11	7.5	38	49	2	12	0	3	0	36	46	1.5
Year	759.21	27	41.6	--------	16.1	--------	78.1	2,113.6	222.4	-------	6.2	242	215	20	347	265	99	21	260	721	1

DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES
WEATHER BUREAU
REV. JOSÉ ALGUÉ, S. J., DIRECTOR

ANNUAL REPORT OF THE WEATHER BUREAU

FOR THE YEAR 1915

PART IV

HOURLY RESULTS OF THE OBSERVATIONS MADE AT THE MAGNETIC OBSERVATORY OF ANTIPOLO, NEAR MANILA, P. I. DURING THE CALENDAR YEAR 1915

MANILA
BUREAU OF PRINTING
1920

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DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES

Philippine I.

WEATHER BUREAU

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INTRODUCTION.

The Magnetic Observatory, which is a division or branch of the Weather Bureau, Manila Observatory, was located at Manila in the Observatory grounds until 1904, but it had to be temporarily closed on account of the electric car system established in that city. The new location at Antipolo lies due east of the old at a distance of 18.5 kilometers. The coördinates of the variation building are 121° 10′ E and 14° 36′ N, its elevation above sea level about 215 meters.

A description of the buildings, instruments, and method both of observation and of reduction, will be found in the "Annual Report of the Weather Bureau for the year 1911, Part IV." The arrangement of the magnetic values in this publication is the same as that of 1911; we adopted the distribution given by the Coast and Geodetic Survey of the United States of America to similar publications of its magnetic observatories.

For all the observations the Insular standard time of the Philippine Archipelago, eight hours (8^h) or the 120th meridian east Greenwich, is used.

Diurnal Variation of D.

1915.

[Five International quiet days. Time 8ʰ E of Greenwich; 24ʰ or 0ʰ = midnight.]

Hour.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	−0.18	--------	+0.04	+0.05	−0.04	−0.13	+0.03	+0.24	+0.25	−0.15	−0.05	−0.07	−0.10	+0.05	+0.02	0.00
2	−0.27	--------	+0.09	+0.19	+0.16	−0.01	+0.12	+0.33	+0.36	−0.01	+0.04	−0.07	−0.10	+0.16	+0.15	+0.08
3	−0.41	--------	+0.09	+0.21	+0.22	+0.07	+0.23	+0.47	+0.42	+0.05	+0.09	−0.15	−0.16	+0.19	+0.25	+0.12
4	−0.44	--------	+0.12	+0.35	+0.33	+0.19	+0.32	+0.58	+0.54	+0.07	+0.20	−0.18	−0.14	+0.27	+0.36	+0.19
5	−0.52	--------	+0.04	+0.41	+0.45	+0.42	+0.54	+0.72	+0.76	−0.01	+0.12	−0.29	−0.23	+0.30	+0.53	+0.24
6	−0.66	--------	+0.01	+0.78	+1.47	+1.07	+1.68	+1.83	+2.07	+0.36	+0.09	−0.44	−0.34	+0.80	+1.51	+0.75
7	−0.86	--------	+0.41	+1.49	+2.09	+1.97	+2.56	+2.14	+2.61	+0.81	+0.21	−0.66	−0.44	+1.33	+2.19	+1.16
8	+0.02	--------	+0.75	+1.72	+1.78	+2.12	+2.50	+1.78	+1.81	+1.04	+0.60	−0.30	+0.11	+1.33	+2.04	+1.26
9	+1.29	--------	+0.95	+1.26	+0.93	+1.32	+1.25	+0.50	+0.37	+1.04	+0.43	+0.16	+0.63	+0.90	+1.00	+0.86
10	+1.60	--------	+0.75	+0.24	−0.32	+0.24	−0.31	−0.84	−1.31	+0.53	−0.22	+0.10	+0.49	+0.05	−0.31	+0.04
11	+0.40	--------	+0.38	−1.03	−1.00	−0 66	−1.42	−1.89	−2.61	−0.07	−0.67	−0.32	−0.20	−0.83	−1.24	−0.81
12	−0.51	--------	−0.56	−2.00	−1.57	−1.38	−2.04	−2.43	−3.04	−0.69	−0.70	−0.35	−0.52	−1.57	−1.86	−1.39
13	−0.48	--------	−1.27	−2.43	−1.74	−1.52	−2.14	−2.48	−3.12	−0.83	−0.42	−0.10	−0.33	−1.91	−1.97	−1.50
14	−0.03	--------	−1.44	−1.74	−1.31	−1.52	−1.63	−2.12	−1.90	−0.41	−0.16	+0.33	+0.05	−1.37	−1.64	−1.08
15	+0.17	--------	−0.67	−0.81	−0.95	−1.12	−1.06	−1.09	−0.51	−0.07	+0.06	+0.44	+0.22	−0.52	−1.06	−0.51
16	+0.37	--------	+0.01	+0.10	−0.29	−0.44	−0.43	−0.27	+0.65	+0.16	+0.20	+0.64	+0.40	+0.23	−0.36	+0.06
17	+0.23	--------	+0.35	+0.70	+0.27	+0.10	+0.19	+0.47	+1.00	+0.02	+0.15	+0.58	+0.32	+0.52	+0.26	+0.37
18	−0.02	--------	+0.04	+0.56	+0.31	+0.10	+0.25	+0.78	+0.49	−0.24	+0.01	+0.24	+0.08	+0.21	+0.36	+0.23
19	+0.14	--------	+0.09	+0.24	+0.02	−0.04	+0.05	+0.36	+0.29	−0.30	+0.09	+0.39	+0.21	+0.08	+0.10	+0.12
20	+0.12	--------	+0.04	+0.07	−0.12	−0.10	−0.07	+0.19	+0.23	−0.18	+0.12	+0.30	+0.18	+0.04	−0.02	+0.05
21	+0.09	--------	+0.01	−0.04	−0.18	−0.15	−0.12	+0.13	+0.18	−0.24	+0.04	+0.04	+0.06	−0.02	−0.08	−0.02
22	+0.03	--------	−0.13	−0.13	−0.18	−0.21	−0.18	+0.10	+0.12	−0.30	−0.02	−0.01	0.00	−0.11	−0.12	−0.08
23	0.00	--------	−0.10	−0.10	−0.15	−0.24	−0.15	+0.18	+0.09	−0.27	−0.14	−0.10	−0.08	−0.10	−0.09	−0.09
24	−0.03	--------	−0.08	−0.04	−0.18	−0.18	−0.07	+0.21	+0.23	−0.21	−0.05	−0.12	−0.07	−0.02	−0.06	−0.05

Diurnal Variation of Y.

1915.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	−2	--------	0	+1	0	−2	0	+2	+3	−2	−1	−1	−1	0	0	0
2	−3	--------	+1	+2	+2	−1	+1	+3	+4	−1	0	−1	−1	+2	+1	+1
3	−4	--------	+1	+2	+3	0	+2	+5	+5	0	+1	−1	−1	+2	+2	+1
4	−5	--------	+1	+4	+4	+1	+3	+6	+6	0	+2	−2	−2	+3	+4	+2
5	−6	--------	0	+5	+5	+4	+5	+8	+8	−1	+1	−3	−3	+3	+6	+2
6	−7	--------	0	+9	+16	+12	+18	+20	+23	+3	+1	−5	−4	+9	+16	+8
7	−9	--------	+4	+17	+23	+22	+28	+23	+29	+8	+2	−7	−5	+14	+24	+13
8	+1	--------	+8	+19	+20	+23	+27	+20	+20	+11	+7	−3	+2	+14	+22	+14
9	+15	--------	+11	+14	+11	+15	+13	+7	+4	+11	+5	+2	+7	+10	+12	+10
10	+18	--------	+9	+3	−3	+3	−4	−9	−15	+6	−2	+2	+6	+1	−3	+1
11	+5	--------	+5	−11	−11	−7	−16	−20	−29	−1	−7	−3	−2	−9	−14	−9
12	−5	--------	−6	−21	−17	−15	−23	−26	−33	−8	−7	−3	−5	−17	−20	−15
13	−5	--------	−14	−26	−19	−17	−24	−26	−33	−9	−4	−1	−3	−20	−22	−16
14	0	--------	−16	−19	−14	−17	−18	−23	−18	−5	−2	+4	+1	−14	−18	−12
15	+2	--------	−7	−9	−10	−13	−12	−12	−5	−1	+1	+5	+3	−6	−12	−6
16	+5	--------	0	+1	−3	−5	−5	−3	+8	+1	+2	+7	+5	+2	−4	+1
17	+3	--------	+4	+8	+3	+1	+1	+5	+12	0	+2	+7	+4	+6	+2	+4
18	0	--------	0	+6	+3	+1	+2	+8	+6	−3	0	+3	+1	+2	+4	+2
19	+2	--------	+1	+3	0	0	0	+4	+4	−4	+1	+5	+3	+1	+1	+1
20	+1	--------	0	+1	−1	−1	−1	+2	+3	−2	+1	+4	+2	0	0	+1
21	+1	--------	0	0	−2	−2	−2	+1	+2	−3	0	+1	+1	0	−1	0
22	0	--------	−2	−1	−2	−3	−2	+1	+2	−4	0	0	0	−1	−2	−1
23	0	--------	−1	−1	−2	−3	−2	+2	+2	−3	−2	−1	−1	−1	−1	−1
24	0	--------	−1	0	−2	−2	−2	+2	+3	−3	−1	−1	−1	0	−1	−1

Diurnal Variation of H.

1915.

[Five International quiet days. Time 8^h E of Greenwich; 24^h or 0^h = midnight.]

Hour.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	−13	−18	−21	−24	−17	−18	−16	−19	−20	−15	−18	−13	−16	−20	−18	−18
2	−12	−16	−22	−24	−17	−15	−17	−18	−18	−15	−12	−13	−13	−20	−17	−17
3	−11	−17	−21	−22	−17	−15	−15	−18	−17	−13	−13	−11	−13	−18	−16	−16
4	−11	−18	−21	−22	−15	−14	−17	−19	−17	−14	−10	−10	−12	−18	−16	−16
5	−10	−18	−19	−21	−13	−13	−17	−17	−17	−14	−10	−11	−12	−18	−15	−15
6	− 6	−16	−16	−19	−13	−11	−13	−10	−14	−18	−11	−11	−11	−17	−12	−13
7	+ 1	−10	−12	−14	− 5	− 4	− 1	− 0	−10	−16	− 7	− 5	− 5	−13	− 2	− 7
8	+ 7	+ 4	− 1	− 2	0	+ 5	+ 9	+ 8	− 1	−11	0	+ 2	+ 3	− 4	+ 6	+ 2
9	+16	+18	+12	+15	+15	+16	+24	+20	+14	+ 2	+10	+10	+14	+11	+19	+14
10	+23	+33	+30	+37	+24	+27	+30	+32	+28	+21	+23	+22	+25	+29	+28	+28
11	+25	+45	+46	+45	+34	+34	+38	+39	+37	+35	+28	+26	+31	+41	+36	+36
12	+22	+45	+50	+44	+35	+32	+33	+37	+40	+44	+27	+27	+30	+44	+34	+36
13	+15	+35	+39	+37	+30	+27	+27	+31	+34	+36	+19	+22	+23	+36	+29	+29
14	+ 9	+21	+27	+29	+20	+18	+18	+21	+24	+23	+12	+15	+14	+26	+19	+20
15	+ 1	+10	+17	+20	+10	+ 9	+ 8	+ 9	+12	+10	+ 5	+ 8	+ 6	+15	+ 9	+10
16	− 2	+ 1	+ 8	+ 9	0	− 1	− 3	0	+ 3	+ 3	+ 1	0	0	+ 6	− 1	+ 2
17	− 2	− 3	− 2	+ 1	− 4	− 6	− 7	− 5	− 4	+ 1	− 1	− 2	− 2	− 1	− 6	−3
18	− 2	− 5	− 5	− 4	− 7	− 8	− 9	− 9	− 8	0	− 3	− 5	− 4	− 4	− 8	−5
19	− 4	− 9	− 9	− 7	− 9	− 7	−11	−10	−12	− 4	− 5	− 6	− 6	− 8	− 9	− 8
20	− 7	−13	−12	−12	− 9	−11	−12	−12	−11	− 8	− 6	− 6	− 8	−11	−11	−10
21	− 9	−14	−14	−15	−10	−12	−14	−14	−11	−10	− 8	− 9	−10	−12	−12	−12
22	− 9	−15	−15	−20	−10	−11	−13	−16	−11	− 9	− 6	−10	−10	−14	−12	−12
23	− 7	−15	−16	−20	−14	−12	−13	−16	−10	−10	− 9	−10	−10	−14	−14	−13
24	− 7	−15	−16	−21	−14	−12	−12	−15	−11	− 9	− 9	− 9	−10	−14	−13	−12

Diurnal Variation of X.

1915.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	−13	....	−21	−24	−17	−18	−16	−19	−20	−15	−18	−13	−15	−20	−18	−18
2	−12	....	−22	−24	−17	−15	−17	−18	−18	−15	−12	−13	−12	−20	−17	−17
3	−11	....	−21	−22	−17	−15	−15	−18	−17	−13	−13	−11	−12	−18	−16	−16
4	−11	....	−21	−22	−15	−14	−17	−19	−17	−14	−10	−10	−10	−18	−16	−15
5	−10	....	−19	−21	−13	−13	−17	−17	−17	−14	−10	−11	−10	−18	−15	−15
6	− 6	....	−16	−19	−13	−11	−13	−10	−14	−18	−11	−11	− 9	−17	−12	−13
7	+ 1	....	−12	−14	− 5	− 4	− 1	0	−10	−16	− 7	− 5	− 4	−13	− 2	− 7
8	+ 7	....	− 1	− 2	0	+ 5	+ 9	+ 8	− 1	−11	0	+ 2	+ 3	− 4	+ 6	+ 1
9	+16	....	+12	+15	+15	+16	+24	+20	+14	+ 2	+10	+10	+12	+11	+19	+14
10	+23	....	+30	+37	+24	+27	+30	+32	+28	+21	+23	+22	+23	+29	+28	+27
11	+25	....	+46	+45	+34	+34	+38	+39	+37	+35	+28	+26	+26	+41	+36	+35
12	+22	....	+50	+44	+35	+32	+33	+37	+40	+44	+27	+27	+25	+44	+34	+36
13	+15	....	+39	+37	+30	+27	+27	+31	+34	+36	+19	+22	+19	+36	+29	+29
14	+ 9	....	+27	+29	+20	+18	+18	+21	+24	+23	+12	+15	+12	+26	+19	+20
15	+ 1	....	+17	+20	+10	+ 9	+ 8	+ 9	+12	+10	+ 5	+ 8	+ 5	+15	+ 9	+10
16	− 2	....	+ 8	+ 9	0	− 1	− 3	0	+ 3	+ 3	+ 1	0	0	+ 6	− 1	+ 2
17	− 2	....	− 2	+ 1	− 4	− 6	− 7	− 5	− 4	+ 1	− 1	− 2	− 2	− 1	− 6	− 3
18	− 2	....	− 5	− 4	− 7	− 8	− 9	− 9	− 8	0	− 3	− 5	− 3	− 4	− 8	− 5
19	− 4	....	− 9	− 7	− 9	− 7	−11	−10	−12	− 4	− 5	− 6	− 5	− 8	− 9	− 8
20	− 7	....	−12	−12	− 9	−11	−12	−12	−11	− 8	− 6	− 6	− 6	−11	−11	−10
21	− 9	....	−14	−15	−10	−12	−14	−14	−11	−10	− 8	− 9	− 9	−12	−12	−11
22	− 9	....	−15	−20	−10	−11	−13	−16	−11	− 9	− 6	−10	− 8	−14	−12	−12
23	− 7	....	−16	−20	−14	−12	−13	−16	−10	−10	− 9	−10	− 9	−14	−14	−12
24	− 7	....	−16	−21	−14	−12	−12	−15	−11	− 9	− 9	− 9	− 8	−14	−13	−12

Diurnal Variation of Z.

1915.

[Five International quiet days. Time 8^h E of Greenwich; 24^h or 0^h=midnight.]

Hour.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	+7	+10	+12	+9	+10	+8	+10	+10	+14	+12	+9	+8	+8	+12	+10	+10
2	+6	+9	+12	+7	+9	+7	+10	+10	+13	+11	+8	+8	+8	+11	+9	+9
3	+4	+8	+10	+6	+8	+7	+9	+10	+12	+11	+7	+7	+6	+10	+8	+8
4	+3	+7	+9	+6	+7	+5	+8	+10	+10	+9	+6	+7	+6	+8	+8	+7
5	+2	+6	+8	+6	+7	+5	+6	+10	+9	+8	+6	+6	+5	+8	+7	+7
6	0	+4	+7	+4	+7	+5	+7	+11	+8	+9	+5	+7	+4	+7	+8	+6
7	−2	+1	+6	−1	+2	+1	+1	+3	+2	+6	+4	+6	+2	+3	+2	+2
8	−4	−4	0	−7	−4	−6	−5	−8	−15	−2	+2	+5	0	−6	−6	−4
9	−7	−14	−9	−11	−12	−13	−13	−15	−28	−14	−5	+2	−6	−16	−13	−12
10	−10	−22	−17	−19	−20	−20	−17	−22	−35	−25	−14	−8	−14	−24	−20	−19
11	−16	−28	−26	−24	−22	−23	−18	−28	−33	−30	−22	−17	−21	−28	−23	−24
12	−17	−25	−27	−24	−20	−22	−16	−28	−28	−29	−20	−18	−20	−27	−22	−23
13	−13	−18	−23	−14	−17	−16	−15	−23	−16	−19	−13	−16	−15	−18	−18	−17
14	−7	−7	−14	−5	−12	−11	−8	−14	−4	−8	−7	−12	−8	−8	−11	−9
15	−1	+2	−4	0	−6	−3	−3	−5	+5	+2	−2	−7	−2	+1	−4	−2
16	+2	+6	+2	+4	+1	+4	+3	+5	+8	+4	+1	−2	+2	+4	+3	+3
17	+2	+7	+3	+6	+3	+5	+5	+9	+6	+3	+2	−1	+2	+4	+6	+4
18	+2	+6	+4	+4	+3	+6	+5	+9	+5	+2	+4	0	+3	+4	+6	+4
19	+4	+8	+6	+4	+5	+8	+5	+7	+8	+4	+5	+3	+5	+6	+6	+6
20	+6	−10	+7	+6	+6	+9	+6	+6	+9	+5	+6	+4	+6	+7	+7	+7
21	+6	+10	+7	+7	+8	+9	+7	+8	+10	+6	+6	+4	+6	+8	+8	+7
22	+7	+11	+8	+8	+9	+10	+7	+9	+10	+6	+7	+4	+7	+8	+9	+8
23	+8	+12	+8	+10	+10	+10	+7	+9	+11	+8	+7	+5	+8	+9	+9	+9
24	+8	+10	+8	+11	+11	+10	+7	+10	+10	+8	+7	+5	+8	+9	+10	+9

Diurnal Variation of I.

1915.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	+0.91	+1.27	+1.51	+1.34	+1.26	+1.12	+1.19	+1.32	+1.68	+1.36	+1.18	+0.98	+1.08	+1.47	+1.22	+1.26
2	+0.80	+1.14	+1.53	+1.17	+1.18	+0.96	+1.21	+1.29	+1.55	+1.28	+0.95	+0.98	+0.97	+1.38	+1.16	+1.17
3	+0.61	+1.07	+1.35	+1.04	+1.11	+0.96	+1.08	+1.29	+1.44	+1.23	+0.89	+0.85	+0.86	+1.26	+1.11	+1.08
4	+0.52	+1.02	+1.26	+1.04	+0.96	+0.77	+1.04	+1.32	+1.27	+1.09	+0.74	+0.83	+0.78	+1.16	+1.02	+0.99
5	+0.42	+0.94	+1.13	+1.02	+0.91	+0.75	+0.87	+1.27	+1.19	+1.01	+0.74	+0.77	+0.72	+1.09	+0.95	+0.92
6	+0.15	+0.72	+0.97	+0.80	+0.91	+0.70	+0.86	+1.18	+1.03	+1.19	+0.68	+0.85	+0.60	+1.00	+0.91	+0.84
7	−0.18	+0.32	+0.79	+0.27	+0.30	+0.20	+0.07	+0.27	+0.44	+0.89	+0.50	+0.62	+0.32	+0.60	+0.21	+0.37
8	−0.49	−0.43	+0.03	−0.52	−0.31	−0.60	−0.67	−0.83	−1.19	+0.10	+0.17	+0.37	−0.10	−0.40	−0.60	−0.36
9	−0.96	−1.60	−1.04	−1.27	−1.34	−1.45	−1.70	−1.71	−2.64	−1.21	−0.66	−0.07	−0.82	−1.54	−1.55	−1.30
10	−1.38	−2.63	−2.13	−2.46	−2.23	−2.30	−2.17	−2.58	−3.55	−2.58	−1.73	−1.20	−1.74	−2.68	−2.32	−2.24
11	−1.93	−3.41	−3.26	−3.07	−2.64	−2.72	−1.45	−3.25	−3.61	−3.34	−2.51	−2.04	−2.47	−3.32	−2.76	−2.85
12	−1.94	−3.16	−3.45	−3.05	−2.49	−2.58	−2.16	−3.20	−3.25	−3.47	−2.32	−2.15	−2.39	−3.30	−2.61	−2.77
13	−1.43	−2.34	−2.85	−2.05	−2.12	−1.97	−1.94	−2.64	−2.12	−2.45	−1.54	−1.86	−1.79	−2.37	−2.17	−2.11
14	−0.79	−1.09	−1.81	−1.11	−1.46	−1.33	−1.13	−1.65	−0.88	−1.22	−0.88	−1.36	−1.03	−1.26	−1.39	−1.23
15	−0.10	−0.08	−0.74	−0.47	−0.72	−0.45	−0.48	−0.61	+0.16	−0.07	−0.29	−0.78	−0.31	−0.28	−0.56	−0.39
16	+0.22	+0.47	−0.02	+0.13	+0.10	+0.37	+0.28	+0.44	+0.63	+0.26	+0.06	−0.16	+0.15	+0.25	+0.30	+0.23
17	+0.22	+0.65	+0.30	+0.48	+0.36	+0.58	+0.55	+0.89	+0.64	+0.23	+0.19	−0.03	+0.26	+0.41	+0.60	+0.42
18	+0.22	+0.62	+0.45	+0.44	+0.44	+0.71	+0.60	+0.99	+0.65	+0.17	+0.40	+0.12	+0.34	+0.43	+0.68	+0.48
19	+0.44	+0.88	+0.72	+0.51	+0.65	+0.85	+0.65	+0.85	+0.99	+0.43	+0.54	+0.40	+0.56	+0.66	+0.75	+0.66
20	+0.68	+1.15	+0.87	+0.79	+0.73	+1.03	+0.75	+0.82	+1.05	+0.62	+0.64	+0.48	+0.74	+0.83	+0.83	+0.80
21	+0.73	+1.17	+0.92	+0.95	+0.93	+1.05	+0.88	+1.03	+1.13	+0.74	+0.69	+0.55	+0.78	+0.94	+0.97	+0.90
22	+0.81	+1.28	+1.03	+1.16	+1.01	+1.11	+0.86	+1.16	+1.13	+0.72	+0.72	+0.58	+0.85	+1.01	+1.04	+0.96
23	+0.84	+1.36	+1.05	+1.33	+1.19	+1.14	+0.86	+1.16	+1.19	+0.91	+0.80	+0.66	+0.92	+1.12	+1.09	+1.04
24	+0.84	+1.20	+1.05	+1.43	+1.27	+1.14	+0.84	+1.22	+1.13	+0.89	+0.80	+0.64	+0.87	+1.12	+1.12	+1.04

Diurnal Variation of F.

1915.

[Five International quiet days. Time 8^h E of Greenwich; 24^h or 0^h = midnight.]

Hour.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1..	−11	−14	−17	−20	−13	−15	−13	−15	−15	−11	−15	−11	−13	−16	−14	−14
2..	−10	−12	−18	−21	−13	−12	−14	−14	−13	−12	− 9	−11	−10	−16	−13	−13
3..	−10	−14	−17	−19	−13	−12	−12	−14	−12	−10	−11	− 9	−11	−14	−13	−13
4..	−10	−15	−18	−19	−12	−12	−14	−15	−13	−11	− 8	− 8	−10	−15	−13	−13
5..	− 9	−15	−16	−18	−10	−11	−15	−13	−13	−12	− 8	− 9	−10	−15	−12	−12
6..	− 6	−14	−14	−17	−10	− 9	−11	− 7	−11	−15	− 9	− 9	−10	−14	− 9	−11
7..	0	− 9	−10	−14	− 4	− 4	− 1	+ 1	− 9	−14	− 6	− 3	− 4	−12	− 2	− 6
8..	+ 5	+ 3	− 1	− 4	− 1	+ 3	+ 7	+ 5	− 5	−12	0	+ 3	+ 3	− 6	+ 4	0
9..	+13	+14	+ 9	+12	+12	+12	+19	+15	+ 6	− 2	+ 8	+10	+11	+ 6	+14	+10
10..	+19	+26	+24	+30	+18	+20	+24	+25	+17	+13	+18	+18	+20	+21	+22	+21
11..	+19	+36	+37	+37	+27	+26	+31	+30	+27	+25	+21	+20	+24	+32	+28	+28
12..	+16	+37	+40	+36	+28	+25	+27	+28	+31	+34	+20	+20	+23	+35	+27	+28
13..	+10	+29	+31	+32	+25	+21	+22	+23	+28	+29	+14	+16	+17	+30	+23	+23
14..	+ 6	+19	+22	+27	+16	+14	+15	+16	+22	+19	+ 9	+11	+11	+22	+15	+16
15..	0	+10	+15	+19	+ 8	+ 8	+ 7	+ 7	+13	+10	+ 4	+ 5	+ 5	+14	+ 8	+ 9
16..	− 2	+ 3	+ 8	+10	0	0	− 2	+ 1	+ 5	+ 4	+ 1	+ 1	0	+ 7	0	+ 2
17..	− 2	− 1	− 1	+ 3	− 2	− 4	− 5	− 2	− 2	+ 1	0	− 3	− 2	0	− 3	− 2
18..	− 2	− 3	− 4	− 2	− 5	− 6	− 7	− 6	− 6	0	− 2	− 5	− 3	− 3	− 6	− 4
19..	− 3	− 6	− 7	− 5	− 7	− 5	− 9	− 8	− 9	− 3	− 3	− 5	− 4	− 6	− 7	− 6
20..	− 5	− 9	−10	−10	− 6	− 8	−10	−10	− 8	− 7	− 4	− 5	− 6	− 9	− 8	− 8
21..	− 7	−10	−12	−12	− 7	− 9	−11	−11	− 8	− 8	− 6	− 8	− 8	−10	−10	− 9
22..	− 7	−11	−12	−17	− 7	− 8	−10	−13	− 8	− 7	− 4	− 9	− 8	−11	−10	− 9
23..	− 5	−11	−13	−16	−10	− 9	−10	−13	− 7	− 8	− 7	− 8	− 8	−11	−10	−10
24..	− 5	−11	−13	−17	−10	− 9	−10	−12	− 8	− 7	− 7	− 8	− 8	−11	−10	−10

1915.

Summary of Monthly Means, 1915.

Month.	D.	Y.	H.	X.	Z.	I.	F.
	° ′	γ	γ	γ	γ	° ′	γ
January	0 37.49	415	38076	38074	11049	16 10.90	39647
February	---	---	38111	---	11060	16 10.98	39683
March	0 37.69	418	38124	38122	11053	16 10.08	39694
April	0 37.18	412	38117	38115	11071	16 11.74	39692
May	0 37.28	413	38101	38099	11059	16 11.12	39673
June	0 37.25	413	38095	38093	11067	16 11.93	39670
July	0 36.57	406	38108	38106	11083	16 13.00	39687
August	0 36.54	405	38083	38081	11029	16 9.05	39648
September	0 37.08	410	38072	38070	11036	16 9.89	39639
October	0 37.78	419	38089	38087	11061	16 11.59	39663
November	0 37.92	420	38076	38074	11064	16 12.16	39651
December	0 37.58	416	38084	38082	11057	16 11.38	39657
Year	0 37.31	413	38095	38091	11057	16 11.15	39667

HOURLY VALUES OF DECLINATION.

JANUARY, 1915.

0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1[b]	37.16	37.16	37.16	37.16	37.02	37.02	36.73	37.16	38.58	38.58	37.44	36.59	36.59	36.73	37.16
2[a]	37.17	36.74	36.46	36.60	36.60	36.74	36.32	36.89	38.02	38.59	38.02	37.74	37.74	37.74	37.88
3[a]	37.17	37.81	37.17	37.31	37.17	36.89	36.32	36.89	38.31	39.30	38.73	37.17	37.03	37.88	38.16
4	37.45	37.45	37.31	37.45	37.31	37.03	36.60	36.74	37.17	37.17	36.60	37.45	37.74	37.03	37.03
5[b]	37.32	37.46	37.32	37.18	37.04	36.61	36.75	37.61	38.17	37.46	36.33	36.47	37.18	38.32	38.88
6[b]	36.76	36.62	36.48	36.62	36.48	36.48	36.62	37.33	37.76	37.47	36.62	36.05	36.76	37.33	38.04
7[b]	37.20	37.06	37.06	36.92	36.92	36.49	36.21	36.92	38.05	37.63	35.50	35.21	36.35	37.06	38.19
8	37.20	37.06	37.06	37.06	36.92	36.35	37.77	39.76	40.32	39.05	36.49	35.78	35.92	36.35	36.77
9	37.21	37.07	37.07	36.93	36.93	36.93	37.49	39.91	39.06	36.50	36.93	36.22	36.36	36.64	37.07
10	36.94	36.94	37.08	37.22	37.22	37.22	37.50	39.07	39.63	38.78	36.65	35.80	35.09	35.23	36.08
11[a]	37.08	36.94	36.94	36.79	36.79	36.65	36.79	38.07	39.07	38.07	35.80	35.37	35.09	35.94	36.37
12	37.23	37.09	37.09	37.09	37.23	37.37	37.80	38.93	39.50	39.36	38.65	37.80	36.66	36.38	37.09
13[b]	37.52	37.38	37.52	37.52	37.38	36.67	36.67	37.52	38.38	38.52	37.81	37.52	37.38	37.52	38.09
14	37.10	37.10	36.96	37.24	37.52	36.81	36.53	36.81	37.67	37.95	37.81	36.96	36.39	35.82	36.25
15	37.53	37.68	37.53	37.39	37.25	36.82	36.54	36.40	37.39	38.39	38.67	37.39	37.25	36.82	36.97
16	37.26	37.12	37.26	37.26	36.98	36.83	36.69	37.12	38.11	37.69	36.41	35.84	34.99	35.27	35.56
17	37.41	37.55	37.41	37.41	37.27	36.70	36.70	37.84	39.12	39.12	37.84	37.98	38.26	38.12	38.26
18[a]	37.56	37.56	37.42	37.28	37.00	36.71	36.29	37.00	38.70	38.98	36.85	35.86	36.57	37.28	37.56
19[a]	37.56	37.56	37.42	37.28	37.28	37.14	37.42	38.70	39.80	40.50	40.07	38.76	38.62	38.48	38.34
20	37.63	37.49	37.34	37.34	37.20	37.06	36.92	37.34	38.48	37.34	35.50	35.21	36.49	38.34	38.48
21	38.05	38.05	37.91	37.77	37.49	37.34	37.34	38.34	39.62	37.34	36.49	36.63	37.06	37.34	37.49
22	37.63	37.49	37.34	37.34	37.34	37.34	37.34	38.05	38.91	37.49	36.63	36.21	36.63	37.34	38.48
23															
24															
25															
26															
27															
28															
29															
30															
31															
Mean	37.32	37.27	37.20	37.19	37.11	36.87	36.88	37.75	38.63	38.24	37.17	36.64	36.73	37.00	37.46
Mean [a]	37.31	37.22	37.08	37.05	36.97	36.83	36.63	37.51	38.78	39.09	37.89	36.98	37.01	37.46	37.66
Mean [b]	37.19	37.14	37.11	37.08	36.97	36.65	36.60	37.31	38.19	37.93	36.74	36.37	36.85	37.39	38.07

FEBRUARY, 1915.

0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1															
2															
3															
4															
5															
6															
7[a]															
8[b]															
9															
10															
11[a]															
12															
13															
14[a]															
15															
16[a]															
17[a]															
18															
19[b]															
20[b]															
21															
22															
23[b]															
24[b]															
25															
26															
27															
28															
Mean															
Mean [a]															
Mean [b]															

[a] Five international quiet days; January 11 used instead of January 31.

[b] Five international disturbed days; January 6, 7 and 13 used instead of January 25, 26 and 27.

N. B.—Owing to a defect of the instrument, the declination records were interrupted from January 23rd to February 28th.

HOURLY VALUES OF DECLINATION.

JANUARY, 1915.

0° East plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
37.59	37.16	37.16	37.16	37.87	37.87	38.58	37.87	37.16	37.36	9 42	38.72	12 30	36.45	2.27	1
37.88	37.45	37.17	37.45	37.60	37.60	37.45	37.45	37.31	37.36	10 00	38.59	7 00	36.32	2.27	2
38.16	37.74	37.17	37.45	37.31	37.31	37.45	37.60	37.60	37.52	10 26	39.58	7 00	36.32	3.26	3
37.74	37.60	37.45	37.60	37.60	37.45	37.60	37.45	37.17	37.30	16 33	37.88	7 24	36.46	1.42	4
39.03	38.60	38.32	38.03	37.89	37.61	37.61	37.04	37.18	37.56	15 45	39.46	11 00	36.33	3.13	5
38.18	37.76	37.47	37.47	37.62	37.47	37.62	37.47	37.47	37.16	16 00	38.18	12 00	36.05	2.13	6
38.62	38.48	37.77	37.63	37.63	37.48	37.06	37.20	37.20	37.16	16 00	38.62	12 00	35.21	3.41	7
37.77	37.91	37.48	37.48	37.34	37.63	37.20	37.20	37.34	37.47	9 00	40.32	12 08	35.71	4.61	8
37.78	37.92	37.49	37.64	37.49	37.49	37.35	37.21	36.64	37.31	8 32	40.34	12 20	36.08	4.26	9
37.50	37.93	37.79	37.93	37.79	37.50	37.50	37.22	37.22	37.28	9 00	39.63	13 00	35.09	4.54	10
37.08	37.36	37.65	37.79	37.79	37.65	37.36	37.22	37.22	37.04	9 00	39.07	13 00	35.09	3.98	11
37.51	37.66	37.66	37.66	37.66	37.66	37.51	37.37	37.37	37.64	9 27	39.57	14 00	36.38	3.19	12
38.09	37.67	37.10	37.24	37.38	37.38	37.52	37.24	37.24	37.51	9 37	38.66	6 42	36.39	2.27	13
36.81	37.24	37.10	37.24	37.38	37.38	37.38	37.38	37.52	37.10	10 00	37.95	14 00	35.82	2.13	14
37.39	37.25	37.11	37.53	37.68	37.53	37.53	37.39	37.25	37.36	11 00	38.67	7 13	36.26	2.41	15
36.83	37.26	37.12	37.40	37.54	37.40	37.26	37.12	37.26	36.90	9 14	38.25	13 00	34.99	3.26	16
37.84	37.70	37.55	37.70	37.70	37.55	37.70	37.70	37.55	37.75	9 35	39.26	6 42	36.63	2.63	17
37.99	38.13	37.85	37.85	37.56	37.56	37.56	37.56	37.56	37.43	9 33	39.41	11 45	35.72	3.69	18
38.20	37.91	37.49	37 63	37.77	37.77	37.77	37.63	37.63	38.11	10 00	40.50	6 00	37.14	3.36	19
38.76	38.48	38.05	38.05	38.05	38.05	38.05	38.05	38.05	37.53	16 00	38.76	11 36	35.07	3.69	20
37.91	38.05	37.77	37.77	37.77	37.77	37.77	37.63	37.63	37.68	9 00	39.62	11 00	36.49	3.13	21
39.33	38.91	38.48.	38.20	37.77	37.77	37.49	37.49	37.49	37.69	16 00	39.33	12 00	36.21	3.12	22
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37.91	37.83	37.55	37.63	37.64	37.58	37.56	37.43	37.37	37.42	--------	39.11	--------	36.01	3.10	--------
37.86	37.72	37.47	37 63	37.61	37.58	37.52	37.49	37.46	37.49	--------	39.43	--------	36.12	3.31	--------
38.30	37.93	37.56	37.51	37.68	37.56	37.68	37.36	37.25	37.35	--------	38.73	--------	36.09	2.64	--------

FEBRUARY, 1915.

0° East plus tabular quantities.

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HOURLY VALUES OF DECLINATION.

MARCH, 1915.

0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
2[a]	37.85	37.85	37.85	38.00	38.00	38.28	38.56	39.13	39.70	38.99	38.56	37.00	36.58	36.72	37.71
3[a]	37.85	38.00	37.85	38.00	37.85	37.71	38.14	38.42	38.00	37.85	37.71	37.14	36.86	37.14	37.85
4	37.71	37.85	37.71	37.71	37.71	37.85	37.71	38.28	38.42	38.28	37.14	35.58	36.15	36.86	37.85
5	37.85	37.85	37.85	37.85	37.71	37.57	38.28	38.71	38.99	38.71	37.71	36.29	36.01	36.72	37.85
6	37.71	37.71	37.71	37.57	37.71	37.71	38.00	38.00	38.14	37.57	37.14	36.43	36.01	36.43	37.14
7[b]	37.71	37.57	37.43	37.29	37.29	37.43	37.71	38.14	38.28	38.85	38.42	38.28	37.71	37.43	37.00
8[b]	37.71	37.71	37.57	37.85	37.43	37.57	36.86	37.85	38.28	38.56	38.42	38.00	36.86	36.86	36.86
9	38.14	37.71	37.57	37.57	37.71	37.29	37.14	37.00	37.57	37.85	38.00	37.43	36.86	37.14	37.43
10	37.71	37.71	37.57	37.57	37.57	37.29	37.43	38.00	38.28	38.28	37.43	36.86	36.43	36.58	37.29
11	37.85	38.14	37.85	37.85	37.57	37.43	37.71	38.14	38.28	38.28	37.57	36.86	37.29	37.57	37.85
12	37.71	37.71	37.29	37.57	37.43	37.57	38.28	38.56	38.99	38.28	37.71	37.43	37.57	37.57	37.57
13	37.71	37.57	37.57	37.57	37.57	37.71	38.42	38.56	38.28	38.00	37.14	35.87	35.30	35.44	36.43
14[a]	37.71	37.71	37.71	37.57	37.43	37.43	38.00	38.71	39.13	38.99	38.14	37.00	36.01	35.72	36.43
15[a]	37.57	37.71	37.71	37.71	37.57	37.00	36.86	36.72	36.86	37.00	36.72	36.29	35.72	35.58	36.72
16	37.57	37.85	37.71	37.57	37.43	37.29	37.00	37.71	37.71	37.71	37.71	37.14	36.29	35.87	36.72
17	37.71	37.71	37.85	37.57	37.43	37.14	37.29	37.71	38.56	38.99	38.42	38.28	37.43	36.86	37.00
18	37.56	37.56	37.42	36.99	37.13	37.28	37.42	37.70	38.27	38.70	38.70	38.41	36.71	36.00	36.57
19	37.99	38.13	37.84	37.42	37.28	37.28	37.70	38.55	38.98	39.26	39.12	38.70	37.42	36.57	36.71
20[b]	37.69	37.69	36.84	36.98	36.41	35.85	36.84	37.98	39.11	39.68	39.82	39.40	37.69	37.55	37.69
21[b]	37.41	37.41	37.83	37.41	37.41	37.27	37.69	37.69	37.83	38.12	38.54	38.12	36.84	36.27	36.70
22[b]	37.68	37.82	37.82	37.68	37.11	37.40	37.40	37.40	37.54	37.40	37.68	36.97	35.98	35.27	36.97
23	37.68	37.82	37.68	37.68	37.54	37.26	35.54	37.54	37.82	38.25	39.10	38.82	37.40	36.97	37.11
24	37.67	37.53	37.39	37.39	37.25	36.82	37.39	38.24	38.67	39.09	39.52	39.23	37.67	36.68	36.96
25	37.67	37.81	37.81	37.96	37.67	36.82	37.10	37.67	38.10	38.52	38.81	38.38	37.39	36.82	37.39
26	37.52	37.80	38.09	38.23	38.09	37.38	37.66	37.66	37.09	36.81	36.81	36.67	35.96	36.10	36.81
27	37.66	37.80	37.80	37.66	37.66	37.80	38.37	38.94	38.80	38.66	38.37	36.95	35.67	35.82	36.67
28[a]	37.65	37.65	37.79	37.79	37.79	38.08	38.93	39.21	39.50	39.36	39.21	38.22	36.94	36.09	36.37
29	37.50	37.50	37.50	37.50	37.50	37.78	38.64	39.20	39.35	39.63	39.49	38.21	36.65	36.36	36.79
30	37.35	37.35	37.49	37.49	37.35	37.49	37.92	38.34	38.48	38.34	37.49	36.07	34.51	34.93	36.35
31	37.77	37.77	37.77	37.77	37.63	37.49	37.92	38.20	37.92	37.21	37.35	35.36	35.22	35.93	36.21
Mean	37.70	37.73	37.66	37.63	37.51	37.41	37.73	38.13	38.36	38.37	38.13	37.38	36.57	36.46	37.03
Mean[a]	37.73	37.78	37.78	37.81	37.73	37.70	38.10	38.44	38.64	38.44	38.07	37.13	36.42	36.25	37.02
Mean[b]	37.64	37.64	37.50	37.44	37.13	37.10	37.30	37.81	38.21	38.52	38.58	38.15	37.02	36.68	37.04

APRIL, 1915.

0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	37.62	37.76	37.76	37.91	37.76	38.05	39.18	39.89	39.61	39.33	37.48	36.49	35.21	35.07	36.34
2	37.60	38.03	37.89	37.74	37.46	37.46	38.17	38.88	39.26	38.74	37.74	36.32	35.05	35.05	35.61
3	38.16	38.16	38.02	38.02	37.88	38.30	39.30	39.58	38.73	38.16	37.45	36.74	36.17	35.46	36.31
4	37.72	37.72	37.58	37.58	37.58	37.44	37.87	38.15	38.01	38.01	37.72	36.59	35.74	35.31	35.59
5	37.71	37.57	37.57	37.43	37.29	37.29	37.15	37.43	37.86	38.14	38.00	37.86	37.00	36.44	36.58
6	37.56	37.56	37.56	37.70	37.70	37.70	37.85	38.13	38.27	38.56	38.13	37.42	36.71	36.28	36.43
7[b]	37.13	37.27	37.41	37.41	37.41	37.27	37.41	37.98	38.26	38.12	37.69	36.27	35.14	35.42	36.27
8[b]	37.54	37.54	37.54	37.12	37.83	37.68	38.39	38.96	38.11	38.39	37.40	36.26	35.55	35.27	36.55
9	37.53	37.67	37.67	37.82	37.82	37.96	38.24	38.38	37.82	36.96	36.54	35.83	35.54	35.40	36.25
10[a]	37.24	37.38	37.52	37.66	37.81	38.37	39.65	39.94	39.65	38.37	37.10	35.53	34.97	35.11	35.68
11[a]	37.23	37.37	37.51	37.51	37.65	37.94	38.65	39.22	38.93	38.22	36.66	35.24	34.81	35.67	36.52
12[a]	37.08	37.22	37.08	37.50	37.36	37.64	37.79	37.64	37.36	36.65	35.51	35.23	34.66	35.23	36.51
13[a]	37.21	37.49	37.35	37.49	37.49	37.92	39.05	39.20	38.34	36.64	34.94	33.80	33.52	34.94	36.21
14	37.34	37.48	37.48	37.34	37.34	37.62	38.05	38.05	37.91	36.91	36.06	35.07	34.78	35.07	35.92
15[b]	37.61	37.76	37.90	37.76	37.47	38.04	38.47	38.32	37.76	37.05	36.34	35.34	35.06	35.63	36.62
16	37.75	38.03	38.03	37.89	37.75	37.18	38.03	38.74	38.31	37.75	36.61	35.62	35.19	35.05	36.18
17	37.59	37.74	37.74	37.59	37.03	37.31	37.59	37.45	36.60	35.75	34.61	34.75	34.90	35.32	36.60
18	37.30	37.16	37.44	37.44	37.73	37.87	38.29	39.15	38.72	37.87	35.74	34.74	34.03	34.60	36.31
19	37.44	37.58	37.73	37.87	38.01	38.15	38.29	38.01	37.73	36.45	34.89	34.03	34.60	35.74	36.59
20	37.72	37.72	38.00	38.14	38.43	38.28	38.28	38.14	38.00	37.57	36.44	36.01	36.44	36.72	36.58
21	37.71	37.85	37.85	37.71	37.56	37.99	38.56	38.84	38.56	38.13	37.56	36.85	36.71	36.85	37.42
22[b]	37.41	37.55	37.70	37.70	37.41	37.41	37.98	37.70	36.84	36.28	35.14	35.85	36.42	36.56	36.99
23	37.69	37.97	38.11	37.97	37.69	38.11	38.82	38.96	37.54	37.12	36.27	36.12	36.69	36.83	37.26
24	37.54	37.54	37.69	37.54	37.69	37.97	38.54	38.96	38.82	38.11	37.26	36.55	35.70	35.41	36.12
25	37.25	37.39	37.53	37.53	37.25	37.39	37.96	38.95	38.82	38.53	37.53	36.40	36.40	36.97	36.97
26[b]	37.38	37.52	37.67	37.67	37.52	37.95	39.37	40.36	39.65	37.95	36.10	35.96	36.39	37.24	37.81
27	37.23	37.80	38.22	38.51	38.22	39.08	38.93	38.22	37.66	36.38	35.38	34.96	35.53	36.24	37.09
28[a]	37.37	37.37	37.51	37.51	37.66	37.94	38.22	38.51	37.94	37.23	36.52	36.09	35.81	36.24	36.95
29	37.36	37.36	37.50	37.65	37.65	37.93	38.78	38.64	38.21	37.65	36.08	35.37	35.23	35.94	36.37
30	37.21	37.35	37.49	37.64	37.49	37.64	38.20	38.49	37.92	36.50	35.08	34.80	34.51	35.65	36.78
Mean	37.47	37.60	37.67	37.68	37.63	37.83	38.37	38.63	38.24	37.58	36.53	35.80	35.48	35.76	36.51
Mean[a]	37.23	37.37	37.39	37.53	37.59	37.96	38.67	38.90	38.44	37.42	36.15	35.18	34.75	35.44	36.37
Mean[b]	37.41	37.53	37.64	37.53	37.53	37.67	38.32	38.66	38.12	37.56	36.53	35.94	35.71	36.02	36.85

[a] Five international quiet days.

[b] Five international disturbed days.

HOURLY VALUES OF DECLINATION.

MARCH, 1915.

0° East plus tabular quantities.

16^{h}	17^{h}	18^{h}	19^{h}	20^{h}	21^{h}	22^{h}	23^{h}	24^{h}	Mean.	Maximum.			Minimum.			Range.	Day.
′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
38.00	38.14	38.14	38.00	38.00	37.85	37.85	37.85	37.85	------	------	------	------	------	------	------	------	1
38.28	38.42	38.14	38.14	38.00	37.85	37.71	37.85	37.85	38.04	9	00	39.70	13	12	36.44	3.26	2
38.56	38.85	38.14	38.14	38.00	37.85	37.57	37 71	37.71	37.87	17	00	38.85	13	00	36.86	1.99	3
38.56	38.71	38.28	38.14	38.14	38.00	37.85	37.71	37.85	37.75	17	00	38.71	12	12	35.44	3.27	4
38.28	38.42	38.00	38.00	37.85	37.71	37.57	37.43	37.57	37.79	8	42	39.06	13	00	36.01	3.05	5
37.57	37.85	37.71	37.85	38.00	37.85	37.71	37.57	37.71	37.53	9	24	38.21	13	00	36.01	2.20	6
37.14	37.29	37.57	37.71	37.85	37.71	37.85	37.85	37.71	37.72	10	20	38.99	14	50	36.86	2.13	7
37.00	37.14	37.43	37.29	37.29	37.29	37.71	37.71	38.14	37.56	9	50	38.63	7	12	36.58	2.05	8
37.57	37.71	37.71	37.57	38.14	37.85	37.57	37.71	37.85	37.59	0	42	38.28	6	12	36.72	1.56	9
37.71	37.57	37.57	37.71	37.85	37.71	37.71	37.71	37.85	37.56	9	35	38.42	13	24	36.36	2.06	10
38.00	37.85	37.57	38.14	37.85	37.57	37.57	37.43	37.71	37.75	9	45	38.42	12	00	36.86	1.56	11
37.57	37.71	37.71	37.71	37.85	37.57	37.71	37.71	37.71	37.77	9	00	38.99	3	10	37.15	1.84	12
37.43	37.71	37.85	37.85	37.71	37.71	37.57	37.57	37.71	37.43	8	00	38.56	13	00	35.30	3.26	13
37.43	37.71	37.71	37.85	37.71	37.71	37.57	37.57	37.57	37.61	9	00	39.13	13	46	35.58	3.55	14
37.43	38.14	37.71	37.71	37.85	37.85	37.71	37.43	37.43	37.21	17	00	38.14	13	50	35.50	2.64	15
37.43	38.00	38.00	37.71	37.71	37.71	37.57	37.57	37.43	37.43	17	20	38.14	13	40	35.73	2.41	16
37.71	38.14	38.00	38.00	38.14	37.85	37.71	37.57	37.57	37.78	9	12	39.13	14	30	36.58	2.55	17
37.56	37.99	37.99	37.84	37.84	37.70	37.56	37.56	37.84	37.60	10	30	38.77	14	00	36.00	2.77	18
37.13	37.56	37.70	37.84	37.84	37.84	37.70	37.99	37.70	37.84	11	40	39.40	14	00	36.57	2.83	19
37.83	37.98	37.83	37.83	37.69	37.98	37.83	37.83	37.83	37.83	11	00	39.82	6	22	35.71	4.11	20
37.12	36.98	37.69	37.41	37.55	37.83	37.55	37.69	37.69	37.50	11	00	38.54	13	36	36.13	2.41	21
37.11	37.11	36.97	37.82	37.68	37.54	37.40	37.68	37.82	37.30	2	45	37.96	14	00	35.27	2.69	22
36.97	36.83	37.26	37.40	37.40	37.54	37.54	37.54	37.68	37.60	11	00	39.10	13	33	36.55	2.55	23
37.10	37.25	37.25	37.39	37.53	37.67	37.67	37.67	37.67	37.70	11	00	39.52	14	15	36.54	2.98	24
37.81	37.67	37.67	37.39	37.53	37.67	37.39	37.39	37.53	37.67	11	20	38.95	6	25	36.54	2.41	25
37.52	37.95	37.80	37.66	37.66	37.38	37.38	37.38	37.52	37.37	4	00	38.23	13	20	35.82	2.41	26
38.09	38.23	37.52	37.52	37.52	37.38	37.38	37.38	37.52	37.63	8	00	38.94	13	00	35.67	3.27	27
36.80	37.08	36.94	37.08	37.08	37.23	37.23	37.37	37.51	37.70	9	00	39.50	14	00	36.09	3.41	28
37.64	37.64	37.22	37.22	37.22	37.22	37.36	37.36	37.36	37.74	10	25	39.77	14	00	36.36	3.41	29
37.21	38.06	37.35	37.06	37.35	37.35	37.49	37.49	37.77	37.25	9	00	38.48	13	20	34.37	4.11	30
36.78	37.35	37.63	37.35	37.35	37.35	37.21	37.35	37.49	37.22	8	00	38.20	13	00	35.22	2.98	31
37.56	37.78	37.68	37.69	37.72	37.66	37.59	37.60	37.68	37.61	----------		38.82	----------		36.09	2.73	--------
37.70	38.04	37.73	37.78	37.73	37.70	37.56	37.59	37.61	37.69	----------		39.06	----------		36.09	2.97	--------
37.24	37.30	37.50	37.61	37.61	37.67	37.67	37.75	37.84	37.58	----------		38.79	----------		36.11	2.68	--------

APRIL, 1915.

0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
37.20	38.05	37.76	37.62	37.48	37.48	37.34	37.62	37.48	37.65	8	00	39.89	13	55	35.00	4.89	1
36.61	36.75	37.03	37.03	36.89	37.03	37.03	37.32	37.74	37.27	9	00	39.26	13	18	34.98	4.28	2
36.74	37.45	37.31	37.31	37.31	37.59	37.59	37.59	37.59	37.62	8	00	39.58	13	50	35.39	4.19	3
36.16	37.16	37.44	37.58	37.44	37.58	57.58	37.58	37.72	37.29	8	00	38.15	14	00	35.31	2.84	4
36.72	37.57	37.86	37.57	37.43	37.43	37.57	37.57	37.57	37.44	10	24	38.21	14	20	36.37	1.84	5
36.71	37.14	37.70	37.42	37.28	37.14	36.99	36.99	37.14	37.42	10	00	38.56	14	02	36.21	2.35	6
36.98	37.84	37.69	37.55	37.41	37.41	37.27	37.13	37.27	37.21	8	45	38.33	13	24	35.07	3.26	7
37.68	38.11	38.11	38.25	38.11	38.39	37.68	37.12	37.40	37.54	7	38	39.10	13	25	35.20	3.90	8
37.53	38.10	37.82	37.39	37.53	37.53	37.25	37.11	37.11	37.28	7	20	38.45	13	45	35.33	3.12	9
36.67	37.52	37.66	37.38	37.24	37.10	36.95	36.95	37.10	37.36	8	00	39.94	13	24	34.90	5.04	10
37.23	37.94	37.80	37.37	37.23	37.09	36.94	36.94	36.94	37.28	8	00	39.22	12	45	34.74	4.48	11
37.22	37.79	37.64	37.50	37.36	37.22	37.08	37.08	37.08	36.93	7	15	37.86	12	58	34.59	3.27	12
37.49	38.20	37.92	37.78	37.49	37.35	37.21	37.21	37.21	37.06	7	28	39.27	12	33	33.45	5.82	13
36.91	37.77	37.62	37.48	37.34	37.34	37.34	37.34	37.48	37.04	7	35	38.12	13	35	34.71	3.41	14
37.61	38.04	37.90	37.76	37.61	37.47	37.19	37.61	37.61	37.33	7	20	38.54	13	00	35.06	3.48	15
37.60	38.03	37.60	37.18	37.32	37.46	37.60	37.46	37.46	37.33	8	00	38.74	13	20	34.98	3.76	16
37.59	38.02	37.74	37.45	37.17	37.31	37.17	37.03	37.17	36.88	17	00	38.02	11	10	34.54	3.48	17
37.58	38.01	37.58	36.87	36.87	36.87	36.87	37.02	37.16	37.05	8	00	39.15	13	00	34.03	5.12	18
37.16	37.02	36.87	36.73	36.73	36.87	37.02	37.16	37.30	36.92	6	50	38.36	11	54	33.96	4.40	19
36.86	37.86	37.72	37.15	37.15	37.01	37.01	37.15	37.29	37.40	5	00	38.43	11	54	35.94	2.49	20
37.71	37.99	37.56	37.00	36.85	36.85	37.14	37.28	37.42	37.58	8	05	38.91	11	36	36.64	2.27	21
37.84	38.12	37.84	37.13	36.84	37.27	37.13	37.41	37.55	37.17	16	54	38.19	11	00	35.14	3.05	22
37.54	37.69	37.69	37.40	37.26	37.12	37.12	37.12	37.40	37.48	7	15	39.10	11	36	36.05	3.05	23
36.83	37.54	37.26	36.98	36.83	36.83	36.83	36.98	37.12	37.28	8	00	38.96	14	00	35.41	3.55	24
37.39	37.96	37.68	37.11	36.97	36.97	36.97	37.11	37.25	37.43	8	05	39.10	12	55	36.33	2.77	25
38.09	38.23	37.67	36.25	36.10	36.39	36.53	36.67	36.96	37.48	8	00	40.36	12	08	35.89	4.47	26
37.66	37.80	37.23	37.09	36.80	36.80	36.95	37.09	37.23	37.25	6	28	39.22	11	58	34.89	4.33	27
37.80	37.94	37.66	37.09	36.95	36.95	37.09	37.23	37.37	37.29	8	05	38.58	12	33	35.67	2.91	28
37.22	37.79	37.36	37.08	36.94	36.94	36.94	36.94	37.08	37.17	7	15	38.85	13	08	35.16	3.69	29
37.92	38.20	37.64	37.07	37.07	36.93	37.07	37.21	37.35	37.05	8	00	38.49	12	42	34.37	4.12	30
37.28	37.79	37.61	37.29	37.17	37.19	37.15	37.20	37.32	37.28	----------		38.83	----------		35.18	3.65	--------
37.28	37.88	37.74	37.42	37.25	37.14	37.05	37.08	37.14	37.18	----------		38.97	----------		34.67	4.30	--------
37.64	38.07	37.84	37.39	37.21	37.39	37.16	37.19	37.36	37.35	----------		38.90	----------		35.27	3.63	--------

HOURLY VALUES OF DECLINATION.

MAY, 1915.

0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1 [b]	37.48	37.63	37.77	37.91	37.77	38.05	39.05	38.62	37.77	36.21	35.35	34.64	34.79	35.35	36.49
2 [b]	37.47	37.76	37.76	37.76	37.62	38.04	38.89	38.61	37.33	36.20	35.06	34.78	34.92	35.06	36.48
3	36.91	36.76	37.05	37.19	37.33	37.90	38.04	37.90	36.76	36.05	35.20	35.34	36.05	36.48	36.76
4	37.05	37.33	37.47	37.62	37.47	37.90	38.75	39.32	38.33	37.47	36.76	37.05	37.33	37.05	37.33
5	37.47	37.62	37.76	37.62	37.62	38.04	37.90	37.62	36.76	35.91	35.20	35.91	36.05	36.20	36.48
6	37.05	37.19	37.33	37.47	37.76	39.04	39.18	38.89	37.76	37.05	35.91	35.63	35.49	35.06	35.91
7 [a]	37.19	37.33	37.33	37.47	37.62	38.75	39.18	39.04	38.18	37.19	36.48	35.91	35.63	36.05	36.48
8 [a]	37.62	37.62	37.62	37.62	37.62	38.33	39.32	39.04	38.47	37.90	37.62	37.33	37.47	37.62	37.47
9	37.19	37.33	37.47	37.62	37.62	38.18	38.75	38.47	37.90	37.47	36.48	36.20	36.48	36.76	37.47
10	37.33	37.47	37.47	37.62	37.62	38.61	39.04	38.47	37.90	36.62	35.77	35.06	35.34	36.20	36.76
11 [a]	37.47	37.62	37.76	37.90	37.76	38.89	39.32	39.46	39.18	37.90	37.05	36.20	36.05	36.48	36.62
12	37.05	37.19	37.19	37.33	37.47	38.04	38.89	39.04	38.47	37.76	37.33	36.62	37.05	37.47	37.62
13	37.33	37.47	37.47	37.62	37.62	38.04	38.61	38.18	37.90	37.05	36.34	36.05	36.48	36.76	37.47
14	37.62	37.62	37.76	37.90	37.90	38.18	38.89	39.18	38.04	36.76	35.34	34.78	35.34	36.34	37.19
15	37.47	37.62	37.76	38.04	38.47	38.89	39.32	39.04	37.90	36.76	35.77	35.06	36.20	35.63	36.48
16 [b]	37.62	37.76	37.90	38.04	38.04	38.47	39.32	39.60	39.32	37.47	36.34	35.63	35.34	36.05	36.48
17 [b]	37.75	37.89	37.89	38.03	38.17	39.03	39.31	39.74	39.03	37.61	36.47	35.62	35.33	35.90	36.33
18	37.61	37.75	37.89	37.89	37.89	37.75	37.46	36.47	36.33	35.90	35.33	35.33	35.76	36.04	36.47
19	37.32	37.46	37.61	37.61	37.75	37.89	38.17	37.75	36.47	35.33	35.05	35.33	36.19	36.47	36.33
20	37.46	37.61	37.75	37.89	37.89	38.32	39.03	39.31	38.88	38.03	37.46	36.75	37.04	37.32	36.75
21	37.18	37.46	37.61	37.89	37.89	38.17	38.03	38.17	37.32	36.47	36.04	35.33	34.77	35.33	35.62
22	37.46	37.61	37.75	37.89	37.89	38.03	38.03	37.89	36.90	36.04	35.62	35.33	35.62	36.47	36.75
23	37.32	37.32	37.46	37.61	37.89	38.17	37.46	35.90	34.62	34.06	33.91	34.48	35.05	36.04	36.75
24	37.61	37.75	37.89	37.75	37.89	38.74	38.46	37.89	36.61	35.62	35.19	34.62	35.05	35.90	36.75
25	37.46	37.61	37.89	37.75	37.89	38.17	38.88	39.03	37.89	37.32	36.75	36.47	36.33	36.19	36.47
26	37.32	37.46	37.75	37.75	37.89	38.32	39.31	39.03	37.89	36.75	36.04	34.77	33.91	34.62	35.48
27 [b]	37.32	37.46	37.46	37.46	37.61	38.17	39.31	39.88	39.31	37.89	36.75	35.62	35.90	35.62	36.04
28 [a]	36.90	37.46	37.46	37.61	38.03	38.88	39.17	37.89	36.04	33.91	33.63	33.20	33.35	34.20	35.05
29 [a]	37.04	37.18	37.32	37.46	37.61	38.88	39.88	39.88	39.17	37.89	36.61	35.90	35.19	35.48	36.04
30	36.90	36.90	37.04	37.18	37.32	37.89	39.03	39.31	38.60	37.61	37.04	35.90	35.76	36.47	36.61
31	36.75	36.90	37.32	37.18	37.04	37.89	38.88	38.60	38.03	37.46	36.75	35.76	35.48	36.04	36.75
Mean	37.31	37.46	37.58	37.67	37.74	38.31	38.80	38.62	37.78	36.76	36.02	35.57	35.67	36.09	36.57
Mean[a]	37.24	37.44	37.50	37.61	37.73	38.75	39.37	39.06	38.21	36.96	36.28	35.71	35.54	35.97	36.33
Mean[b]	37.53	37.70	37.76	37.84	37.84	38.35	39.18	39.29	38.55	37.08	35.99	35.26	35.26	35.60	36.36

JUNE, 1915.

0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	36.90	37.04	37.18	37.32	37.61	37.89	38.32	38.17	37.89	37.04	36.47	36.19	35.90	35.62	36.47
2	37.18	37.32	37.46	37.46	37.61	37.75	38.46	38.17	37.61	37.04	36.61	36.33	36.47	36.61	36.90
3 [a]	37.04	37.18	37.18	37.18	37.32	37.61	37.75	37.89	37.75	37.04	36.33	36.04	36.19	36.33	36.47
4 [a]	37.32	37.32	37.32	37.46	37.62	37.89	39.03	39.17	37.89	36.47	36.19	35.76	35.76	36.19	36.75
5	37.32	37.32	37.32	37.18	37.18	37.89	39.31	39.74	39.31	38.46	37.61	37.04	36.47	36.04	36.33
6	36.75	36.90	37.04	37.04	37.18	37.46	38.03	38.32	38.03	37.75	37.32	37.04	36.61	36.47	36.90
7	37.32	37.32	37.46	37.61	37.61	37.75	38.03	38.32	37.89	37.04	36.33	35.19	35.19	35.48	36.04
8	37.18	37.32	37.46	37.61	37.89	38.60	39.74	40.45	39.45	37.61	36.04	35.05	35.33	36.04	36.47
9	37.04	37.46	37.46	37.61	37.75	38.03	39.03	39.31	38.46	37.46	36.19	35.33	35.90	36.04	36.33
10 [a]	36.90	37.04	37.18	37.32	37.61	38.60	39.59	39.88	39.17	38.46	37.04	36.04	35.76	36.19	36.47
11	37.04	37.32	37.32	37.46	37.61	37.89	39.31	39.31	39.03	38.17	37.18	36.19	36.47	37.04	37.46
12 [b]	37.18	37.32	37.46	37.46	37.75	38.03	39.31	39.45	38.60	37.46	36.04	35.19	35.05	35.33	36.33
13 [b]	37.04	37.46	37.89	37.61	37.75	38.03	39.03	38.88	38.74	37.32	35.05	34.62	34.48	34.77	35.48
14	37.32	37.46	37.61	37.75	37.89	38.60	38.88	38.88	37.89	37.32	36.61	36.33	35.90	35.76	36.04
15	37.18	37.46	37.61	37.32	37.46	37.89	38.74	39.31	39.03	38.17	36.61	35.33	35.05	35.05	35.19
16	37.46	37.61	37.61	37.61	37.75	38.03	38.88	39.03	38.17	37.89	37.04	35.90	35.48	36.04	36.19
17 [b]	37.75	37.89	38.17	38.17	38.03	38.46	39.31	39.88	39.31	38.46	37.46	36.19	34.77	34.62	34.34
18 [b]	36.19	37.61	37.75	37.75	37.89	38.74	38.17	36.75	36.19	35.90	36.04	36.75	37.04	37.46	36.90
19	37.32	37.46	37.46	37.61	37.75	38.03	38.74	38.17	37.04	36.61	36.33	36.04	35.62	36.19	36.47
20 [a]	37.32	37.32	37.46	37.61	37.89	38.74	39.59	39.45	38.88	37.61	36.33	34.91	34.77	35.05	35.62
21	37.18	37.46	37.61	37.75	38.03	39.31	39.31	38.74	37.04	36.47	39.19	36.04	35.76	36.19	36.61
22 [b]	37.75	37.89	38.74	38.88	39.03	39.17	39.31	38.88	38.17	36.47	35.90	35.90	36.33	36.61	36.90
23	37.46	37.61	37.75	37.89	38.03	38.46	39.31	38.88	37.75	37.04	36.47	36.19	35.90	36.33	36.61
24	37.32	37.32	37.46	37.46	37.61	38.17	38.60	38.88	37.75	37.46	36.90	36.47	35.90	36.33	36.61
25	37.32	37.46	37.75	37.89	38.17	39.31	39.03	37.61	36.47	35.05	33.91	34.62	35.19	36.33	36.47
26	36.75	37.04	37.32	37.46	37.89	39.17	39.31	39.31	38.32	37.46	36.47	35.19	35.33	36.04	36.61
27	36.90	37.18	37.61	37.89	38.60	39.31	39.31	39.03	37.89	36.90	36.47	36.75	37.46	37.75	37.89
28	37.18	37.32	37.32	37.46	37.61	38.46	39.03	38.46	37.61	36.47	35.33	35.05	34.91	35.05	35.33
29	37.18	37.32	37.46	37.61	37.89	38.60	39.88	40.02	39.31	37.89	36.47	36.33	36.19	36.19	36.04
30 [a]	37.04	37.32	37.46	37.61	37.89	38.74	40.16	40.45	39.17	37.89	37.04	36.61	36.19	34.91	35.33
Mean	37.16	37.37	37.53	37.60	37.80	38.35	39.02	38.96	38.19	37.28	36.40	35.89	35.78	36.00	36.32
Mean[a]	37.12	37.24	37.32	37.44	37.67	38.32	39.22	39.37	38.57	37.49	36.59	35.87	35.73	35.73	36.13
Mean[b]	37.18	37.63	38.00	37.97	38.09	38.49	39.03	38.77	38.20	37.12	36.10	35.73	35.53	35.76	35.99

[a] Five international quiet days.

[b] Five international disturbed days.

HOURLY VALUES OF DECLINATION.

MAY, 1915.

0° East plus tabular quantities.

16^{h}	17^{h}	18^{h}	19^{h}	20^{h}	21^{h}	22^{h}	23^{h}	24^{h}	Mean.	Maximum.			Minimum.			Range.	Day.
′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
37.20	37.91	37.63	37.06	36.92	36.92	37.06	37.20	37.34	37.09	7	24	39.12	12	18	34.57	4.55	1
37.33	37.62	37.19	36.91	36.76	36.62	36.76	36.62	36.76	36.93	7	20	38.96	12	42	34.64	4.32	2
37.90	37.76	37.62	37.05	36.91	36.91	36.76	36.76	36.91	36.93	7	45	38.11	11	20	35.13	2.98	3
37.76	38.04	37.90	37.76	37.62	37.33	37.05	37.33	37.47	37.60	8	00	39.32	10	57	36.62	2.70	4
37.62	38.04	37.76	37.62	37.62	37.47	37.19	37.05	37.05	37.15	16	48	38.18	11	00	35.20	2.98	5
36.76	37.47	37.62	37.47	37.33	37.05	36.91	37.05	37.05	37.14	6	50	39.25	13	45	34.99	4.26	6
37.05	37.47	37.62	37.47	37.47	37.47	37.47	37.47	37.47	37.37	7	00	39.18	12	25	35.56	3.62	7
37.76	37.90	37.76	37.62	37.33	37.19	37.19	37.19	37.19	37.74	7	00	39.32	22	06	37.12	2.20	8
37.76	37.90	37.76	37.47	37.19	37.19	37.05	37.91	37.19	37.41	6	42	38.82	12	05	36.13	2.69	9
37.62	38.04	37.62	37.47	36.91	36.76	36.91	37.05	37.33	37.21	7	00	39.04	12	00	35.06	3.98	10
37.05	37.47	37.33	37.05	37.05	37.05	37.05	37.05	37.05	37.49	8	00	39.46	12	50	35.98	3.48	11
37.76	37.90	37.62	37.33	37.05	37.05	36.91	37.05	37.05	37.51	8	00	39.04	12	00	36.62	2.42	12
37.90	37.90	37.62	37.33	37.05	36.76	36.91	37.05	37.05	37.33	7	00	38.61	12	00	36.05	2.56	13
37.62	37.90	37.76	37.33	37.19	37.05	37.05	37.19	37.33	37.30	8	00	39.18	12	00	34.78	4.40	14
36.76	37.05	37.33	37.33	37.33	37.47	37.47	37.47	37.62	37.30	7	00	39.32	12	30	34.99	4.33	15
37.05	37.62	37.47	37.05	36.91	37.05	37.33	37.19	37.47	37.44	7	45	39.67	13	00	35.34	4.33	16
36.61	36.47	36.61	36.61	36.47	36.19	36.75	37.18	37.46	37.27	8	00	39.74	12	36	35.27	4.47	17
37.04	37.18	37.46	37.18	37.04	37.04	37.18	37.32	37.32	36.94	4	21	38.03	11	28	35.26	2.77	18
36.61	37.04	37.32	37.61	37.18	37.04	37.04	37.18	37.32	36.96	6	32	38.31	11	00	35.05	3.26	19
37.04	36.75	37.04	37.18	37.04	36.90	36.75	36.75	36.90	37.49	7	32	39.38	17	10	36.68	2.70	20
36.04	36.33	36.47	36.75	36.90	36.75	36.90	37.04	37.18	36.82	7	50	38.24	13	05	34.70	3.54	21
37.32	37.04	36.47	36.47	36.47	36.61	36.47	36.75	37.04	36.91	6	10	38.10	12	00	35.33	2.77	22
37.89	37.89	37.46	37.46	37.46	37.32	37.32	37.32	37.46	36.73	6	08	38.24	11	00	33.91	4.33	23
37.32	37.32	37.18	37.04	36.90	36.75	36.75	37.04	37.32	36.97	6	20	38.81	12	00	34.62	4.19	24
36.90	37.18	37.04	36.90	36.75	36.61	36.61	36.75	37.04	37.24	8	00	39.03	14	10	36.12	2.91	25
36.75	37.46	37.32	37.04	36.90	36.90	36.90	37.04	37.18	36.99	7	00	39.31	13	00	33.91	5.40	26
37.32	37.18	37.46	36.90	36.75	36.61	36.61	36.75	36.61	37.25	8	00	39.88	14	25	35.55	4.33	27
36.33	37.46	37.61	37.46	37.18	37.04	37.04	37.18	36.90	36.54	7	00	39.17	12	20	33.17	6.00	28
36.75	37.46	37.61	36.90	36.75	36.75	36.75	36.75	36.90	37.26	7	18	39.95	13	00	35.19	4.76	29
37.46	37.75	37.89	37.61	37.32	37.04	36.90	36.75	36.75	37.29	8	00	39.31	12	36	35.69	3.62	30
37.32	37.04	37.04	36.90	36.90	36.75	36.75	36.75	36.75	37.04	6	55	38.95	12	24	35.41	3.54	31
37.21	37.47	37.41	37.20	37.05	36.96	36.96	37.04	37.14	37.18	----------		39.00	----------		35.31	3.69	--------
36.99	37.55	37.59	37.30	37.16	37.10	37.10	37.13	37.10	37.28	----------		39.41	----------		35.40	4.01	--------
37.10	37.36	37.27	36.91	36.76	36.68	36.90	36.99	37.13	37.20	----------		39.47	----------		35.07	4.40	--------

JUNE, 1915.

0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
37.32	37.46	37.75	37.46	37.32	37.18	37.04	37.04	37.18	37.16	7	00	38.32	13	52	35.55	2.77	1
37.04	36.90	36.75	36.75	36.90	36.90	36.90	36.90	36.90	37.12	7	00	38.46	11	30	36.26	2.20	2
36.61	36.75	36.75	36.90	36.90	37.04	37.18	37.18	37.32	37.00	7	36	37.96	11	24	35.97	1.99	3
37.46	37.75	37.46	37.32	37.18	37.04	37.18	37.18	37.18	37.25	8	00	39.17	12	20	35.69	3.48	4
36.47	36.75	36.90	37.04	37.04	36.90	36.90	36.75	36.75	37.33	7	54	39.81	14	00	36.04	3.77	5
37.46	37.46	37.04	37.04	36.90	36.90	36.90	37.04	37.32	37.20	7	50	38.39	14	00	36.47	1.92	6
36.47	36.90	37.04	37.04	36.90	36.75	36.75	36.90	37.04	36.93	8	00	38.32	12	20	35.12	3.20	7
36.90	37.46	37.18	36.61	36.47	36.47	36.61	36.75	36.90	37.23	7	35	40.52	12	00	35.05	5.47	8
36.90	37.61	37.46	37.04	36.90	36.75	36.75	36.75	36.75	37.18	7	40	39.38	12	00	35.33	4.05	9
37.46	37.89	37.46	37.04	37.04	36.90	36.75	36.75	36.90	37.39	7	24	39.95	13	00	35.76	4.19	10
37.46	37.32	37.04	37.04	36.90	37.04	37.04	36.90	36.90	37.44	7	28	39.38	12	38	36.12	3.26	11
36.61	37.32	36.75	36.75	36.90	36.75	36.75	36.75	36.90	37.06	8	00	39.45	13	00	35.05	4.40	12
35.33	36.33	36.61	37.18	36.90	36.75	36.75	36.90	37.04	36.83	7	00	39.03	12	30	34.41	4.62	13
36.47	36.61	36.75	36.90	36.75	36.75	36.75	36.90	37.04	37.13	7	55	38.95	14	00	35.76	3.19	14
35.62	36.47	36.61	36.75	36.75	36.90	37.04	37.18	37.32	37.00	8	00	39.31	13	30	34.98	4.33	15
36.47	36.61	37.04	37.61	37.46	37.46	37.46	37.46	37.61	37.33	8	00	39.03	12	40	35.41	3.62	16
33.63	33.49	33.77	34.77	35.05	36.04	36.61	36.75	37.04	36.66	7	42	39.95	17	48	33.35	6.60	17
36.61	37.04	37.61	36.90	36.75	36.75	36.75	36.90	37.18	37.07	6	33	38.88	10	24	35.76	3.12	18
36.75	37.75	37.61	37.46	37.04	37.18	37.18	37.18	37.32	37.18	7	24	38.81	13	00	35.62	3.19	19
36.33	37.04	37.46	37.32	37.18	37.18	37.04	37.04	37.04	37.17	7	38	39.66	13	00	34.77	4.89	20
37.04	37.04	37.18	37.04	36.75	36.75	36.75	36.90	37.18	37.18	6	27	38.38	12	55	35.69	3.69	21
37.18	37.46	37.46	37.18	36.47	36.61	36.75	36.90	37.18	37.46	7	30	39.59	11	30	35.76	3.83	22
36.75	36.90	36.75	36.61	36.47	36.61	36.90	37.04	37.18	37.20	7	21	39.38	12	54	36.12	3.26	23
37.61	37.46	37.18	37.04	36.90	36.90	36.90	37.04	37.18	37.27	8	10	38.95	13	00	35.90	3.05	24
37.89	38.60	37.89	37.75	37.61	37.75	37.18	36.75	36.61	37.11	6	10	39.38	11	00	33.91	5.47	25
37.04	36.75	36.47	36.75	36.75	36.75	36.75	36.90	37.04	37.12	7	35	39.38	12	06	35.12	4.26	26
38.03	38.17	37.89	37.61	37.46	37.32	37.18	37.04	37.04	37.70	6	30	39.45	11	24	36.40	3.05	27
36.19	36.90	37.18	36.90	37.46	37.46	37.46	37.32	37.32	36.95	7	00	39.03	13	00	34.91	4.12	28
35.90	36.19	36.47	37.18	36.90	37.46	37.04	36.75	36.75	37.29	7	54	40.09	16	00	35.90	4.19	29
36.19	37.32	37.61	37.46	37.46	37.32	37.04	36.90	36.90	37.42	8	00	40.45	14	15	34.84	5.61	30
36.71	37.06	37.04	37.01	36.92	36.95	36.94	36.96	37.07	37.18	----------		39.26	----------		35.43	3.83	--------
36.81	37.35	37.35	37.21	37.15	37.10	37.04	37.01	37.07	37.25	----------		39.44	----------		35.41	4.03	--------
35.87	36.33	36.44	36.56	36.41	36.58	36.72	36.84	37.07	37.02	----------		39.38	----------		34.87	4.51	--------

HOURLY VALUES OF DECLINATION.

JULY, 1915.

0° East plus tabular quantities.

Day.	1^h	2^h	3^h	4^h	5^h	6^h	7^h	8^h	9^h	10^h	11^h	12^h	13^h	14^h	15^h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	36.89	37.03	37.17	37.31	37.60	38.16	39.30	39.87	39.44	39.02	38.59	38.16	37.17	36.74	36.32
2[b]	36.60	36.46	36.74	37.03	37.31	37.60	38.16	38.31	37.88	37.74	37.45	37.74	37.44	37.02	37.59
3	36.72	36.72	36.87	37.01	37.43	37.86	39.14	39.28	39.00	37.29	36.16	35.02	34.87	34.87	35.15
4[a]	36.70	36.99	37.27	37.56	37.41	37.98	39.12	38.98	37.98	36.70	36.14	36.28	36.41	36.41	36.27
5	36.83	36.97	37.25	37.39	37.54	38.10	39.24	39.52	38.10	36.54	35.97	34.98	34.97	35.11	35.96
6[b]	37.09	37.23	37.37	37.37	37.52	37.94	38.65	38.94	38.23	37.80	36.52	36.38	36.09	35.52	36.37
7	37.07	37.07	37.21	37.35	37.50	37.78	38.77	38.49	37.78	37.35	36.08	35.79	35.78	36.07	36.21
8	36.62	36.77	37.05	37.33	37.33	37.90	39.18	39.04	38.47	36.77	35.91	34.92	35.05	34.91	35.48
9[b]	36.46	36.60	37.17	37.60	37.46	38.59	39.73	39.44	38.45	36.32	34.90	34.33	34.04	34.61	35.03
10	36.87	37.29	37.58	37.72	37.86	38.71	39.00	38.86	37.86	37.01	35.87	34.88	34.87	35.01	35.15
11[b]	37.13	37.42	37.56	37.70	38.27	39.26	38.98	39.12	37.70	35.85	34.72	34.58	34.42	34.71	35.70
12	36.54	36.83	37.25	37.54	37.54	38.25	38.67	38.82	38.53	37.54	35.98	34.84	34.26	34.55	34.83
13	36.52	36.81	37.09	37.23	37.66	38.65	38.94	38.80	37.38	36.67	36.24	34.96	35.09	35.80	35.09
14	36.79	36.79	36.93	37.07	37.36	38.21	40.05	40.48	39.20	37.64	37.36	36.65	35.07	34.36	34.93
15[a]	36.48	36.48	36.48	36.63	36.91	37.90	39.04	39.04	37.90	36.48	35.49	33.93	33.77	34.34	34.63
16[a]	36.75	36.75	36.75	36.61	37.03	38.17	39.02	39.16	37.60	35.75	34.05	33.34	33.33	34.32	35.60
17[a]	36.59	36.73	37.01	37.01	37.30	38.57	39.14	39.00	37.44	36.02	34.74	33.60	32.89	33.60	34.88
18	36.58	36.72	36.72	37.00	37.14	37.85	39.70	40.27	39.42	38.14	36.15	34.45	33.58	34.29	34.72
19	36.41	36.41	36.56	36.41	36.70	37.55	39.11	39.96	38.54	37.12	35.70	34.43	34.13	34.56	35.27
20	36.39	36.39	36.54	36.54	36.68	37.53	38.95	40.09	40.23	38.52	36.54	34.83	34.69	34.83	35.12
21	36.38	36.53	36.67	36.67	36.67	37.52	38.94	39.51	39.22	38.66	37.24	36.10	34.95	34.67	35.24
22	36.36	36.51	36.65	36.80	36.65	37.07	37.64	38.35	37.78	37.50	36.22	35.80	35.37	(34.65)	(34.93)
23	36.20	36.34	36.49	36.34	36.34	36.91	38.47	38.90	39.04	37.62	36.91	36.34	36.06	35.92	35.35
24[a]	36.48	36.48	36.48	36.62	36.90	38.61	39.32	39.17	38.18	36.33	35.34	35.48	35.76	36.04	36.18
25	36.17	36.31	36.60	36.88	37.31	38.87	40.15	40.43	38.73	37.31	35.60	35.18	34.88	34.60	35.03
26	36.01	36.29	36.72	37.00	37.43	39.84	40.41	40.27	38.42	37.29	34.73	33.74	34.59	34.87	35.16
27[b]	36.00	36.14	36.28	36.57	37.14	38.98	39.98	39.55	37.42	35.86	33.16	32.59	33.15	33.43	34.43
28	36.12	36.26	36.41	36.55	36.97	38.68	39.96	39.10	38.39	36.69	34.84	33.28	33.41	34.12	35.12
29	35.96	35.96	36.10	36.24	36.67	37.38	38.23	37.95	37.24	36.24	34.54	33.26	33.40	33.69	34.26
30	35.95	36.23	36.80	37.09	36.94	38.65	40.21	39.93	37.37	35.81	34.81	33.68	33.10	33.10	34.24
31	35.93	35.79	35.79	36.07	36.36	37.21	37.49	37.35	35.93	34.79	34.51	34.37	34.64	35.49	35.92
Mean	36.50	36.62	36.82	36.98	37.19	38.14	39.12	39.23	38.22	36.98	35.76	34.96	34.75	34.91	35.36
Mean [a]	36.60	36.69	36.80	36.89	37.11	38.25	39.13	39.07	37.82	36.26	35.15	34.53	34.43	34.94	35.51
Mean [b]	36.66	36.77	37.02	37.25	37.54	38.47	39.10	39.07	37.94	36.71	35.35	35.12	35.03	35.06	35.82

AUGUST, 1915.

0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	36.05	36.05	36.19	36.34	36.52	36.90	37.33	37.33	37.05	35.91	35.34	34.92	34.48	34.34	35.19
2[b]	36.17	36.03	36.46	36.32	36.75	38.16	37.73	37.44	36.88	34.61	34.33	32.90	33.33	33.76	34.61
3	36.74	36.17	36.46	36.74	37.17	38.59	37.59	37.31	36.46	35.89	35.46	34.47	34.61	34.75	34.90
4	36.45	36.59	36.73	36.87	37.02	38.29	38.86	38.72	38.01	37.02	35.60	35.31	35.45	35.74	35.88
5[a]	36.45	36.45	36.73	36.87	36.87	37.87	38.15	37.87	36.73	35.88	34.60	33.89	33.32	33.32	34.46
6	36.72	36.72	36.86	37.01	37.29	38.57	39.70	39.42	38.71	37.29	35.02	34.45	34.59	34.73	35.59
7[b]	36.44	36.72	36.86	37.15	37.29	37.86	38.28	37.29	36.86	36.01	35.59	34.73	34.88	34.59	35.44
8	37.01	37.29	37.57	38.14	37.86	39.56	40.13	39.70	38.43	35.87	33.88	33.17	34.02	35.44	36.86
9	37.00	37.00	37.14	37.28	37.28	37.85	38.70	38.70	37.00	36.14	35.58	35.29	35.58	35.72	36.14
10	36.85	37.00	37.00	37.14	37.28	37.56	38.42	38.42	37.28	36.00	34.58	33.59	33.02	34.44	35.72
11	36.99	37.13	37.27	37.27	37.41	38.69	39.68	38.69	37.13	35.57	33.86	33.58	34.29	34.43	35.00
12	37.13	37.27	37.41	37.70	37.84	38.83	40.25	40.54	39.40	37.27	35.42	34.43	34.29	35.28	35.85
13[a]	36.69	36.83	36.98	37.12	37.26	38.11	37.54	36.98	35.84	34.85	34.28	33.99	34.42	35.41	35.70
14[a]	36.83	36.98	36.98	37.12	37.26	38.54	38.96	38.68	37.40	36.12	35.56	35.84	35.70	35.84	36.98
15[a]	36.82	36.97	37.11	37.25	37.39	38.81	39.95	39.52	37.96	35.83	34.41	32.99	32.85	32.99	34.27
16	36.97	37.11	37.25	37.25	37.39	38.53	39.66	39.52	38.24	36.82	35.97	35.26	34.55	34.41	35.12
17	36.97	37.11	37.25	37.25	37.25	37.53	38.11	37.82	36.97	35.69	35.55	35.69	35.97	36.68	37.11
18	36.68	36.68	36.68	36.54	37.11	37.96	38.10	37.68	37.40	36.40	35.69	34.98	34.98	35.40	35.97
19	36.97	37.11	37.25	37.25	37.39	38.10	37.96	37.53	35.83	34.55	32.99	33.27	34.13	35.12	35.97
20	37.11	37.25	37.25	37.39	38.24	38.67	39.10	38.67	37.25	35.69	34.98	34.69	34.98	35.55	35.83
21	37.11	37.25	37.25	37.39	37.53	38.53	38.67	38.10	36.68	35.69	34.69	34.27	34.41	35.40	35.83
22	37.12	37.26	37.40	37.69	38.11	38.82	39.67	39.11	37.12	35.27	33.99	33.28	33.00	34.28	35.41
23	37.12	37.26	37.26	37.26	37.40	38.68	39.96	39.67	38.25	37.26	35.84	35.41	34.85	35.27	35.70
24[a]	37.12	37.12	37.26	37.26	37.54	38.54	38.82	38.54	37.26	35.84	34.42	33.85	33.99	34.56	35.84
25	36.83	36.98	37.12	37.26	37.40	38.25	38.82	38.54	37.26	35.84	34.70	33.99	33.99	35.27	36.83
26[b]	36.69	36.83	36.83	36.69	36.98	37.54	39.53	38.40	38.40	35.70	34.42	34.28	33.99	34.42	35.41
27[b]	36.70	36.70	36.56	36.84	37.13	39.54	40.54	39.83	37.13	35.71	34.29	33.15	33.43	34.00	34.86
28	36.98	37.13	36.99	37.13	37.27	39.54	40.11	39.26	37.27	35.71	34.43	34.00	34.43	34.71	35.85
29[b]	36.94	36.99	36.70	37.13	37.27	38.55	39.83	39.26	36.99	35.42	34.15	33.58	34.15	34.57	36.70
30	36.84	36.70	36.84	36.99	37.55	38.69	40.11	39.83	37.55	36.84	35.42	35.00	35.42	35.71	36.28
31	36.84	36.99	37.13	37.27	37.41	38.41	38.97	38.55	37.27	35.85	34.71	34.43	35.28	35.85	36.84
Mean	36.81	36.89	36.99	37.13	37.34	38.39	39.01	38.61	37.36	35.95	34.83	34.31	34.40	34.90	35.75
Mean [a]	36.78	36.87	37.01	37.12	37.23	38.37	38.68	38.32	37.04	35.70	34.65	34.11	34.06	34.42	35.45
Mean [b]	36.57	36.65	36.68	36.83	37.08	38.33	39.18	38.44	37.25	35.49	34.56	33.93	33.96	34.27	35.40

[a] Five international quiet days.

[b] Five international disturbed days.

HOURLY VALUES OF DECLINATION.

JULY, 1915.

0° East plus tabular quantities.

16^h	17^h	18^h	19^h	20^h	21^h	22^h	23^h	24^h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
36.74	37.45	37.31	37.03	36.89	36.74	36.60	36.46	36.46	37.52	8 00	39.87	15 00	36.32	3.55	1
37.30	37.30	37.16	36.73	36.59	36.45	36.31	36.59	36.88	37.18	7 20	38.38	22 00	36.31	2.07	2
35.58	36.43	36.57	36.86	36.86	36.71	36.71	36.71	36.71	36.77	8 00	39.28	13 24	34.80	4.48	3
36.13	36.41	36.84	36.98	36.98	36.84	36.69	36.69	36.69	37.02	7 00	39.12	15 30	36.06	3.06	4
36.39	36.53	36.53	36.82	36.96	36.82	36.67	36.67	36.82	36.86	7 54	39.59	12 40	34.90	4.69	5
37.08	37.51	37.08	36.65	36.51	36.65	36.65	36.65	36.80	37.11	7 24	39.01	14 00	35.52	3.49	6
36.35	36.63	36.78	36.63	36.49	36.49	36.35	36.49	36.49	36.88	7 00	38.77	12 56	35.71	3.06	7
36.19	36.47	36.90	37.18	36.90	36.61	36.47	36.47	36.47	36.77	7 36	39.25	14 00	34.91	4.34	8
36.03	36.17	36.31	36.31	36.31	36.31	36.45	36.45	36.59	36.57	7 10	39.80	12 36	33.97	5.83	9
35.44	35.86	36.29	36.43	36.57	36.57	37.00	36.86	36.86	36.77	7 28	39.07	13 10	34.80	4.27	10
36.27	36.98	36.84	36.70	36.55	36.70	36.55	36.41	36.55	36.78	6 00	39.26	13 15	34.35	4.91	11
35.97	36.25	36.68	36.53	36.53	36.39	36.53	36.53	36.53	36.66	7 20	38.89	13 00	34.26	4.63	12
35.66	36.23	36.23	36.23	36.23	36.37	36.37	36.51	36.66	36.64	6 45	39.01	12 40	34.89	4.12	13
36.21	36.92	36.78	36.49	36.35	36.64	36.64	36.49	36.49	37.00	8 00	40.48	13 45	34.29	6.19	14
35.76	36.47	36.76	36.62	36.47	36.62	36.62	36.62	36.76	36.42	7 30	39.11	12 28	33.70	5.41	15
36.46	37.46	37.16	36.74	36.45	36.31	36.31	36.45	36.45	36.42	7 43	39.23	13 00	33.33	5.90	16
36.16	37.15	36.87	36.44	36.44	36.44	36.80	36.30	36.44	36.38	7 00	39.14	13 00	32.89	6.25	17
35.29	35.71	36.00	36.14	36.14	36.28	36.28	36.14	36.28	36.54	8 00	40.27	13 00	33.58	6.69	18
35.98	36.12	36.26	36.26	36.12	36.26	36.40	36.40	36.40	36.46	8 00	39.96	12 48	34.06	5.90	19
35.68	36.54	37.10	36.68	36.39	36.25	36.25	36.39	36.39	36.73	9 00	40.23	12 40	34.62	5.61	20
35.81	35.95	36.09	36.23	36.37	36.23	36.23	36.37	36.37	36.69	8 00	39.51	13 24	34.60	4.91	21
(35.36)	(35.79)	(36.07)	(36.21)	(36.21)	36.07	36.07	36.07	36.07	36.34	8 00	38.35	(14 00)	(34.65)	3.70	22
35.63	36.06	36.34	36.20	36.06	36.06	36.06	36.20	36.49	36.60	8 50	39.11	15 15	35.28	3.83	23
36.18	36.32	36.47	36.32	36.18	36.04	36.04	36.04	36.18	36.63	7 00	39.32	11 20	35.27	4.05	24
35.88	36.16	36.59	36.02	35.88	36.02	35.88	35.74	35.88	36.59	8 00	40.43	14 00	34.60	5.83	25
35.87	36.15	36.44	36.01	36.01	35.87	35.73	35.87	36.01	36.53	7 10	40.48	12 00	33.74	6.74	26
35.56	36.56	36.27	35.99	36.27	36.13	36.27	35.71	35.85	36.05	6 30	40.05	12 00	32.59	7.46	27
35.97	36.96	36.54	36.25	36.11	36.11	35.97	35.97	35.97	36.32	7 20	40.03	12 40	33.21	6.82	28
35.53	36.81	37.38	36.53	36.10	35.96	35.82	35.96	35.96	35.97	7 20	38.30	12 00	33.26	5.04	29
35.80	36.51	36.79	36.22	36.22	36.08	35.94	35.94	35.94	36.22	7 10	40.28	13 27	33.03	7.25	30
36.35	36.77	36.91	36.35	36.20	36.06	35.92	35.92	36.06	36.01	7 12	37.56	12 10	34.30	3.26	31
36.02	36.54	36.66	36.48	36.40	36.36	36.33	36.32	36.40	36.63	----------	39.39	----------	34.44	4.95	--------
36.14	36.76	36.82	36.62	36.50	36.45	36.39	36.42	36.50	36.57	----------	39.18	----------	34.25	4.93	--------
36.45	36.90	36.73	36.48	36.45	36.45	36.45	36.36	36.53	36.74	----------	39.30	----------	34.55	4.75	--------

AUGUST, 1915.

0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
36.18	37.32	37.18	36.61	36.47	36.33	36.18	36.04	36.18	36.18	7 50	37.40	14 00	34.34	3.06	1
35.46	36.75	36.61	36.88	37.03	36.46	36.74	36.32	36.46	36.05	6 20	38.30	13 20	33.26	5.04	2
35.46	35.89	36.88	36.60	36.46	36.88	36.60	36.74	36.46	36.30	6 24	38.66	12 00	34.47	4.19	3
36.87	37.16	36.45	37.02	36.87	36.45	36.31	36.02	36.16	36.74	7 00	38.86	11 40	35.24	3.62	4
35.74	36.73	37.16	36.73	36.59	36.73	36.73	36.87	36.87	36.23	6 24	38.22	13 33	33.25	4.97	5
35.87	36.44	36.30	36.72	36.58	36.44	36.30	36.15	36.15	36.65	7 15	39.77	12 00	34.45	5.32	6
35.87	36.01	36.30	36.44	36.58	36.72	36.86	36.86	36.86	36.44	7 20	38.35	13 55	34.52	3.83	7
36.72	36.15	36.01	36.15	36.44	36.72	36.72	36.86	36.86	36.82	7 00	40.13	12 00	33.17	6.96	8
36.71	37.00	36.85	36.14	36.29	36.43	36.57	36.71	36.71	36.74	7 30	38.77	12 00	35.29	3.48	9
35.86	36.00	36.14	36.43	36.71	36.43	36.29	36.43	36.57	36.30	7 30	38.49	12 54	32.95	5.54	10
35.85	36.13	36.42	36.28	36.42	36.56	36.70	36.70	36.84	36.45	7 20	39.75	12 00	33.58	6.17	11
36.84	37.13	36.84	36.70	36.70	36.56	36.42	36.42	36.56	37.04	7 45	40.61	12 40	34.22	6.39	12
35.98	36.69	37.12	36.83	36.55	36.41	36.55	36.69	36.69	36.81	6 06	38.18	12 20	33.92	4.26	13
37.26	37.69	37.69	36.98	36.83	36.69	36.41	36.55	36.69	36.98	6 36	39.03	13 36	35.42	3.61	14
35.40	36.68	37.25	36.68	36.54	36.54	36.68	36.82	36.82	36.44	7 00	39.95	12 30	32.78	7.17	15
35.55	36.11	36.68	36.54	36.54	36.40	36.40	36.68	36.82	36.74	7 33	39.73	14 00	34.41	5.32	16
37.25	38.11	37.53	37.39	36.82	36.26	36.82	36.54	36.40	36.92	7 20	38.18	11 10	35.48	2.70	17
37.11	37.25	37.11	36.82	36.68	36.68	36.68	36.68	36.82	36.67	6 15	38.17	12 50	34.92	3.25	18
36.26	36.40	36.54	36.68	36.40	36.40	36.68	36.68	36.82	36.26	6 24	38.17	11 30	32.92	5.25	19
36.82	37.25	36.82	36.68	36.82	36.82	36.82	36.82	36.97	36.85	6 33	39.18	12 08	34.62	4.56	20
36.54	37.25	37.11	36.97	36.82	36.82	36.82	36.97	37.11	36.72	6 24	38.74	11 32	34.20	4.54	21
36.41	37.26	36.98	36.55	36.41	36.69	36.69	36.83	36.98	36.60	6 45	39.74	12 30	32.93	6.81	22
36.27	36.98	37.12	37.12	36.98	36.83	36.83	36.83	36.98	37.05	7 00	39.96	13 00	34.85	5.11	23
36.98	37.26	37.40	37.26	37.12	36.98	36.83	36.69	36.69	36.72	7 10	38.89	12 10	33.78	5.11	24
37.26	37.54	37.26	37.26	37.12	36.83	36.69	36.55	36.55	36.76	7 24	38.39	12 18	33.92	4.47	25
36.41	37.26	37.40	37.26	37.26	37.12	36.98	36.83	36.69	36.64	7 00	39.53	12 18	33.92	5.61	26
36.42	37.27	37.55	37.27	37.41	37.13	36.99	36.84	36.99	36.68	7 23	40.61	12 06	33.08	7.53	27
37.27	37.41	37.55	37.27	37.41	37.27	36.84	36.70	36.70	36.88	7 00	40.11	12 15	33.93	6.18	28
37.84	38.69	37.84	37.41	37.41	37.55	37.13	36.99	36.42	36.89	7 23	39.90	11 50	33.51	6.39	29
37.27	38.26	37.84	36.99	37.13	37.13	36.99	36.70	36.84	37.12	7 20	40.18	11 36	34.93	5.25	30
37.27	37.84	37.55	37.27	37.13	37.13	36.99	36.84	36.84	36.94	7 00	38.97	12 00	34.43	4.54	31
36.48	37.03	37.02	36.84	36.79	36.72	36.69	36.66	36.69	36.65	----------	39.13	----------	34.09	5.04	--------
36.27	37.01	37.32	36.90	36.73	36.67	36.64	36.72	36.75	36.54	----------	38.85	----------	33.83	5.02	--------
36.40	37.20	37.14	37.05	37.14	37.00	36.94	36.77	36.68	36.54	----------	39.34	----------	33.66	5.68	--------

HOURLY VALUES OF DECLINATION.

SEPTEMBER, 1915.

0° East plus tabular quantities.

DAY.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	36.84	36.84	36.99	37.13	37.55	38.69	39.83	38.41	37.27	35.99	34.43	34.00	34.44	35.29	35.58
2	36.86	36.86	37.01	37.01	37.15	38.14	38.85	38.71	37.58	35.88	34.46	34.32	34.60	35.31	35.74
3	36.47	36.75	36.75	36.89	37.18	38.31	38.88	38.17	35.91	34.77	33.92	34.06	34.77	36.05	37.47
4	36.78	36.92	37.07	37.21	37.35	38.49	38.77	38.35	35.94	34.52	33.81	33.38	34.09	34.52	35.51
5	36.95	37.10	37.10	37.24	37.38	38.80	40.22	39.08	37.39	35.12	34.55	33.70	33.27	33.41	34.55
6	36.98	37.27	37.41	37.41	37.69	39.82	41.10	39.97	36.14	33.59	33.30	33.16	33.30	34.58	36.28
7[a]	36.87	37.01	37.16	37.44	38.01	39.71	40.00	38.15	36.03	34.04	31.77	31.34	32.05	34.33	36.03
8[a]	36.90	37.04	37.19	37.33	37.75	40.17	41.16	39.88	37.48	35.07	33.22	33.08	32.94	34.36	36.06
9	36.93	37.07	37.07	37.22	37.50	39.20	40.62	40.34	38.65	37.08	34.81	33.53	33.25	34.81	36.66
10	37.10	37.25	37.39	37.53	37.81	39.09	39.52	38.95	37.68	35.55	33.00	31.86	32.85	33.28	34.70
11	37.28	37.42	37.42	37.56	37.70	38.55	39.26	39.55	38.85	37.00	35.16	34.73	34.45	35.72	36.58
12	37.16	37.31	37.45	37.59	37.73	38.16	39.01	38.73	37.60	37.03	34.90	34.19	34.33	34.62	35.90
13	37.34	37.34	37.48	37.48	37.62	38.61	39.47	39.04	37.63	36.49	36.07	34.79	34.79	35.78	36.64
14	37.22	37.51	37.65	37.65	37.79	38.64	38.93	38.79	37.66	36.67	36.10	34.96	34.82	35.25	36.10
15	37.25	37.40	37.54	37.54	37.68	38.39	38.67	37.96	37.26	36.27	35.42	35.42	35.70	36.27	37.26
16	37.28	37.43	37.57	37.57	37.43	37.71	38.28	38.56	38.14	37.57	37.28	36.29	35.72	36.15	37.14
17	37.57	37.71	37.57	37.71	37.71	37.85	38.70	39.13	38.85	37.99	36.43	36.01	36.57	37.71	38.56
18[a]	37.58	37.72	37.72	37.72	37.72	38.71	39.28	39.28	38.71	37.58	36.87	36.30	36.16	36.58	37.29
19[a]	37.58	37.72	37.72	37.86	37.86	38.86	39.28	38.86	37.72	36.30	35.87	35.02	34.74	34.88	36.02
20[a]	37.73	37.73	37.73	37.73	37.87	38.30	38.72	38.30	37.30	35.88	34.61	34.46	33.90	35.74	37.45
21	37.73	37.73	37.73	37.87	38.16	39.43	40.14	39.15	37.30	36.17	34.89	34.46	35.32	36.74	37.87
22[b]	37.60	37.74	37.74	37.88	38.17	39.30	40.15	39.16	37.60	35.33	33.62	33.34	34.62	36.18	38.88
23[b]	37.31	37.74	37.60	37.46	37.31	38.88	39.16	38.31	36.75	35.75	35.18	35.75	36.32	37.88	38.88
24[b]	37.61	36.90	37.61	37.75	38.03	38.74	39.17	38.89	37.61	36.90	35.90	34.91	35.48	36.33	37.47
25	37.61	37.47	37.61	37.75	37.75	38.03	38.74	38.32	37.47	36.19	35.34	34.06	34.77	35.90	37.75
26	37.62	37.76	37.90	37.90	38.05	39.04	39.46	39.75	37.76	36.62	35.91	34.92	34.92	35.91	36.62
27	37.48	37.62	37.76	37.62	37.90	38.61	39.18	39.04	38.04	36.91	35.91	34.78	34.78	36.20	37.19
28[b]	37.77	37.77	37.63	37.49	37.63	38.62	39.19	39.19	38.20	37.20	36.49	35.78	35.07	35.92	37.84
29[b]	37.63	37.49	37.77	37.20	36.92	37.49	37.20	37.63	37.34	35.78	36.07	35.36	35.21	36.21	37.77
30	37.64	37.78	37.64	37.64	37.50	38.35	38.92	39.20	38.92	38.06	36.79	35.93	36.22	36.93	38.06
Mean	37.29	37.38	37.47	37.51	37.66	38.69	39.33	38.90	37.56	36.18	35.07	34.46	34.65	35.63	36.84
Mean[a]	37.33	37.44	37.50	37.62	37.84	39.15	39.69	38.89	37.45	35.77	34.47	34.04	33.96	35.18	36.57
Mean[b]	37.58	37.53	37.67	37.56	37.61	38.61	38.97	38.64	37.50	36.19	35.45	35.03	35.34	36.50	38.07

OCTOBER, 1915.

0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	37.35	37.50	37.35	37.21	37.21	38.35	38.92	38.35	37.78	36.93	35.93	35.65	36.64	37.35	37.92
2[a]	37.50	37.50	37.78	37.64	37.78	38.63	39.34	39.48	39.06	38.21	37.21	36.22	35.79	36.64	37.07
3	37.52	37.52	37.66	37.66	37.37	37.66	38.08	38.65	38.51	38.37	38.08	36.95	36.81	37.09	37.52
4	37.39	37.68	37.54	37.68	37.39	37.82	38.10	37.96	37.82	37.25	36.97	36.54	36.68	36.97	37.39
5[a]	37.27	37.56	37.56	37.70	37.84	38.27	38.69	39.12	39.69	39.54	38.83	37.84	37.56	38.27	38.41
6	37.58	37.72	37.86	37.86	37.72	38.14	38.29	38.00	37.72	37.29	36.58	36.01	36.44	37.01	37.43
7	37.74	37.88	38.02	38.02	37.88	38.73	39.58	39.73	39.02	37.88	36.74	36.46	36.74	37.31	37.88
8	37.62	37.76	37.76	37.90	37.90	38.04	38.04	38.47	38.04	37.47	37.19	36.62	36.48	36.91	37.90
9[a]	37.64	37.78	37.92	37.92	37.78	37.64	38.06	38.35	38.06	37.49	37.35	36.93	36.22	36.64	37.07
10	37.66	37.80	37.80	37.66	37.51	37.51	37.80	38.51	38.93	38.37	38.08	37.23	36.66	36.80	37.23
11	37.96	37.96	37.82	37.68	36.82	37.11	37.25	37.53	37.68	37.39	36.97	36.68	36.26	36.82	37.53
12	37.55	37.41	37.41	37.41	37.41	37.27	37.27	37.98	38.26	38.12	37.70	36.70	36.56	36.99	37.98
13	37.43	37.43	37.57	37.72	37.86	38.00	38.28	38.71	39.28	38.57	37.43	35.73	35.59	35.87	36.86
14	37.45	37.59	37.74	37.74	37.59	37.31	37.45	38.30	38.59	38.73	38.30	37.74	37.17	37.03	37.31
15[b]	37.33	37.33	37.47	37.61	37.47	36.90	37.05	37.33	37.19	37.47	36.62	35.48	35.63	36.05	37.19
16	37.49	37.63	38.06	37.49	37.21	36.92	36.36	36.07	39.07	35.50	35.65	36.21	36.92	37.21	37.63
17	37.79	37.93	37.79	37.93	37.64	38.07	38.35	38.92	38.78	38.07	37.36	37.22	36.65	36.51	37.22
18[a]	37.94	38.08	37.94	37.80	37.65	37.80	38.65	38.93	39.07	38.51	37.65	37.09	37.23	37.23	37.65
19[b]	37.81	37.95	37.95	38.09	37.66	37.52	37.66	38.23	38.66	37.95	36.95	36.53	36.67	37.24	38.66
20	38.24	38.53	37.82	37.67	37.39	37.25	37.11	37.25	37.39	37.11	36.11	36.40	37.11	38.10	38.38
21	37.69	37.41	37.69	37.84	37.69	37.55	37.27	36.98	36.70	36.42	35.85	36.13	36.56	37.27	37.98
22	37.70	37.42	37.85	37.85	37.42	38.13	38.13	38.27	38.84	38.41	37.56	37.28	37.14	37.42	38.13
23[b]	38.14	37.71	36.72	37.15	37.00	37.00	37.57	36.72	36.29	36.15	35.87	36.29	36.86	38.00	38.57
24[b]	38.29	37.01	38.15	38.15	38.01	38.01	37.44	36.73	36.16	35.31	35.17	35.73	36.87	37.16	37.87
25[b]	38.02	38.44	38.16	37.88	38.16	38.16	38.16	37.88	37.17	36.31	35.32	35.74	36.31	37.59	38.30
26	38.17	36.75	38.03	37.32	37.74	37.03	36.75	36.75	36.61	36.61	36.47	36.61	37.18	37.60	38.45
27	37.76	37.62	37.48	37.62	37.62	37.48	37.91	38.33	38.47	38.33	37.05	36.49	36.63	37.34	38.62
28	37.77	37.35	37.35	37.63	37.77	37.92	37.92	38.34	38.48	38.06	37.35	37.35	37.35	37.92	38.48
29[a]	37.78	37.93	37.93	38.21	37.78	38.35	38.21	38.21	38.21	37.78	37.50	37.36	37.93	38.07	38.35
30	37.79	37.79	37.94	38.08	38.08	38.22	38.36	38.22	37.51	37.51	37.23	37.87	37.65	38.36	38.50
31	38.23	38.23	38.23	38.23	38.09	37.95	38.23	37.80	37.24	36.95	36.81	37.24	37.66	38.23	38.23
Mean	37.73	37.68	37.75	37.75	37.63	37.77	37.94	38.07	37.98	37.55	36.96	36.64	36.77	37.26	37.86
Mean[a]	37.63	37.77	37.83	37.85	37.77	38.14	38.59	38.82	38.82	38.31	37.71	37.09	36.95	37.37	37.71
Mean[b]	37.92	37.69	37.69	37.78	37.66	37.52	37.58	37.38	37.09	36.64	35.99	35.95	36.47	37.21	38.12

[a] Five international quiet days.

[b] Five international disturbed days.

HOURLY VALUES OF DECLINATION.

SEPTEMBER, 1915.

0° East plus tabular quantities.

16^{h}	17^{h}	18^{h}	19^{h}	20^{h}	21^{h}	22^{h}	23^{h}	24^{h}	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
35.86	36.85	37.14	37.00	37.00	36.85	36.85	36.85	36.85	36.69	7 00	39.83	11 40	33.93	5.90	1
37.02	37.31	37.03	36.88	37.03	37.03	36.74	36.46	36.46	36.68	7 20	38.92	12 00	34.32	4.60	2
38.18	37.62	37.06	36.91	36.77	36.63	36.49	36.49	36.63	36.63	7 00	38.88	11 10	33.85	5.03	3
36.67	37.37	37.23	37.09	36.94	36.94	36.94	36.80	36.66	36.47	7 00	38.77	12 00	33.38	5.39	4
35.97	36.55	37.12	36.97	36.55	36.41	36.55	36.83	36.55	36.47	7 00	40.22	13 00	33.27	6.95	5
37.42	37.57	37.00	36.86	36.86	36.58	36.58	36.58	36.72	36.67	7 00	41.10	12 00	33.16	7.94	6
37.45	38.03	37.46	37.03	36.89	36.89	36.75	36.61	36.75	36.41	7 00	40.00	12 23	31.27	8.73	7
37.48	38.33	37.48	37.21	37.21	37.06	36.92	36.78	36.92	36.88	7 00	41.16	12 36	32.87	8.29	8
37.51	37.95	37.24	37.09	36.95	36.81	36.67	36.67	36.81	37.02	7 00	40.62	13 00	33.25	7.37	9
35.98	36.98	36.56	36.41	36.41	36.41	36.56	36.84	37.12	36.37	6 36	39.59	12 10	31.80	7.79	10
37.71	37.58	37.15	37.01	37.01	36.73	36.59	36.87	37.01	37.12	8 00	39.55	12 36	34.38	5.17	11
36.46	37.47	37.18	37.04	37.04	37.04	37.04	37.18	37.18	36.89	7 35	39.08	12 00	34.19	4.89	12
37.63	37.78	37.21	36.93	36.79	36.93	36.79	37.07	37.21	37.12	7 18	39.54	12 30	34.72	4.82	13
36.95	37.67	37.24	36.96	36.96	36.82	36.96	37.10	37.24	37.07	7 10	39.00	13 00	34.82	4.18	14
37.69	37.69	37.42	37.27	37.27	37.27	37.13	37.13	37.13	37.17	7 00	38.67	11 54	35.35	3.32	15
37.71	37.85	37.43	37.28	37.43	37.43	37.57	37.71	37.43	37.42	7 54	38.63	13 00	35.72	2.91	16
38.42	37.99	37.43	37.14	37.28	37.43	37.57	37.57	37.43	37.68	8 00	39.13	12 00	36.01	3.12	17
37.86	37.72	37.44	37.44	37.58	37.44	37.29	37.44	37.58	37.63	7 45	39.35	13 00	36.16	3.19	18
37.01	37.58	37.72	37.58	37.44	37.44	37.58	37.58	37.72	37.25	7 00	39.28	12 36	34.60	4.68	19
38.87	38.72	37.73	37.59	37.45	37.45	37.45	37.45	37.59	37.24	16 36	38.94	13 00	33.90	5.04	20
38.87	38.72	37.73	37.59	37.45	37.45	37.30	37.30	37.45	37.52	7 00	40.14	11 54	34.40	5.74	21
39.16	39.30	37.74	37.60	37.31	37.31	37.46	37.60	36.32	37.38	7 00	40.15	13 00	33.34	6.81	22
38.31	38.73	38.88	37.74	37.88	37.74	37.88	37.17	37.46	37.59	7 10	39.23	11 00	35.18	4.05	23
38.46	39.17	38.03	37.75	37.89	37.61	37.47	37.32	37.47	37.52	7 10	39.24	12 00	34.91	4.83	24
38.74	38.46	38.03	37.89	37.47	37.47	37.61	37.61	37.61	37.32	7 10	38.81	12 00	34.06	4.75	25
37.48	37.90	38.05	37.90	37.76	37.76	37.62	37.48	37.48	37.48	7 45	39.82	12 40	34.85	4.97	26
37.62	37.48	37.33	37.62	37.76	37.90	37.62	37.48	37.05	37.37	7 20	39.25	12 21	34.71	4.54	27
37.77	37.91	38.20	37.91	37.77	37.77	37.77	37.34	37.63	37.56	7 06	39.26	13 00	35.07	4.19	28
38.05	37.91	37.63	37.77	37.77	37.63	37.49	37.34	37.49	37.17	15 56	38.12	13 00	35.21	2.91	29
38.77	38.63	38.49	38.21	38.06	37.92	37.78	37.78	37.64	37.87	8 00	39.20	12 00	35.93	3.27	30
37.64	37.89	37.51	37.82	37.27	37.20	37.17	37.15	37.15	37.12	----------	39.45	----------	34.29	5.16	--------
37.73	38.08	37.57	37.37	37.31	37.26	37.20	37.17	37.31	37.08	----------	39.75	----------	33.76	5.99	--------
38.85	38.60	38.10	37.75	37.72	37.61	37.61	37.35	37.27	37.44	----------	39.20	----------	34.74	4.46	--------

OCTOBER, 1915.

0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
38.35	38.21	37.21	37.35	37.35	37.35	37.07	37.21	37.64	37.42	6 48	39.06	11 42	35.51	3.55	1
37.35	37.21	37.07	37.21	37.21	37.50	37.50	37.50	37.50	37.58	8 00	39 48	12 42	35.65	3.83	2
37.94	37.66	37.52	37.37	37.52	37.23	37.09	37.23	37.23	37.59	8 00	38.65	13 00	36.81	1.84	3
37.96	37.96	37.68	37.39	37.25	37.25	37.11	37.39	37.25	37.43	7 30	38.24	12 42	35.97	2.27	4
38.55	37.98	37.27	37.13	37.27	37.27	37.27	37.27	37.41	37.98	9 00	39.69	19 00	37.13	2.56	5
38.00	37.72	37.15	37.29	37.29	37.29	37.29	37.29	37.43	37.43	6 15	38.36	12 15	35.94	2.42	6
38.16	38.02	37.31	37.45	37.45	37.31	37.31	37.31	37.45	37.81	8 00	39.73	12 00	36.46	3.27	7
37.90	37.90	37.47	37.47	37.47	37.33	37.33	37.33	37.62	37.58	8 00	38.47	13 00	36.48	1.99	8
37.35	37.64	37.49	37.64	37.64	37.49	37.35	37.49	37.64	37.52	8 00	38.35	13 00	36.22	2.13	9
37.80	38.22	37.94	37.94	37.94	37.66	37.51	37.51	37.66	37.74	9 00	38.93	13 00	36.66	2.27	10
38.39	38.24	37.96	37.96	37.82	37.96	37.68	37.68	37.68	37.53	16 00	38.39	13 00	36.26	2.13	11
38.69	38.55	37.98	37.98	37.84	37.41	37.41	37.41	37.41	37.61	16 30	38.83	13 00	36.56	2.27	12
37.72	37.86	37.43	37.72	38.00	37.57	37.43	37.43	37.43	37.54	9 00	39.28	12 36	35.45	3.83	13
37.88	38.02	38.02	38.02	38.16	38.16	38.30	38.02	37.88	37.85	10 00	38.73	13 40	36.75	1.98	14
37.61	37.33	37.19	37.47	37.19	37.19	37.47	38.61	38.47	37.19	23 00	38.61	13 15	35.34	3.27	15
38.20	37.92	37.92	37.78	37.63	37.49	37.49	37.63	37.78	37.18	0 05	38.49	10 42	35.22	3.27	16
37.50	37.50	37.50	37.64	37.79	37.64	37.50	37.64	37.79	37.70	8 26	39.20	1 33	36.37	2.83	17
37.94	37.80	37.80	37.65	37.80	37.65	37.65	37.65	37.65	37.87	9 00	39.07	12 00	37.09	1.98	18
38.80	38.80	37.81	38.80	38.09	38.37	37.81	38.37	38.37	37.95	15 30	39.08	12 00	36.53	2.55	19
39.24	38.95	38.81	37.67	37.25	37.82	37.67	37.53	37.96	37.70	16 00	39.24	11 30	35.97	3.27	20
38.69	38.55	38.83	38.12	38.26	38.12	37.69	37.69	37.84	37.53	18 00	38.83	11 00	35.85	2.98	21
38.56	38.41	38.27	38.27	38.13	37.99	37.70	38.13	38.27	37.97	9 00	38.84	13 00	37.14	1.70	22
38.71	38.57	38.14	38.28	38.28	38.85	38.85	37.57	37.00	37.51	21 50	38.92	10 45	35.80	3.12	23
38.15	38.15	38.15	38.15	37.87	37.72	37.44	37.58	37.72	37.37	1 00	38.29	11 00	35.17	3.12	24
39.58	38.87	38.59	38.87	38.73	38.73	38.59	38.30	38.16	37.92	16 00	39.58	11 00	35.32	4.26	25
39.02	38.74	38.45	38.31	38.17	38.03	37.46	37.74	37.89	37.58	16 00	39.02	11 36	36.19	2.83	26
39.04	38.62	37.91	37.91	37.76	37.62	37.62	37.62	37.76	37.78	16 00	39.04	12 30	36.35	2.69	27
38.77	38.20	37.63	37.92	37.92	37.77	37.77	37.77	37.77	37.86	16 00	38.77	12 25	37.21	1.56	28
38.49	38.35	38.07	37.78	38.07	37.78	37.64	37.64	37.64	37.96	16 00	38.49	11 35	37.08	1.41	29
38.65	38.36	38.22	38.36	38.22	38.08	38.08	37.94	38.08	38.02	15 35	38.80	11 00	37.23	1.57	30
38.37	38.23	37.80	37.95	37.80	37.80	37.66	37.80	38.09	37.87	2 42	38.51	11 00	36.81	1.70	31
38.30	38.15	37.83	37.83	37.78	37.72	37.60	37.65	37.72	37.66	----------	38.87	----------	36.27	2.60	--------
37.94	37.80	37.54	37.48	37.60	37.54	37.48	37.51	37.57	37.78	----------	39.01	----------	36.63	2.38	--------
38.57	38.34	37.98	38.31	38.03	38.17	38.03	38.09	37.94	37.59	----------	38.89	----------	35.63	3.26	--------

HOURLY VALUES OF DECLINATION.

NOVEMBER, 1915.

0° East plus tabular quantities.

Day.	1^h	2^h	3^h	4^h	5^h	6^h	7^h	8^h	9^h	10^h	11^h	12^h	13^h	14^h	15^h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1[b]	38.10	38.24	38.38	38.52	38.10	37.96	37.67	37.25	37.39	37.39	36.39	36.25	37.39	38.24	38.10
2	38.38	38.67	38.67	38.81	38.52	38.10	36.82	36.39	36.25	36.11	35.83	36.25	36.82	38.24	38.52
3[a]	38.10	38.24	38.38	38.52	38.38	38.24	38.24	38.10	37.39	36.96	36.25	36.54	37.10	38.10	38.38
4[a]	38.11	38.11	38.25	38.53	38.39	38.39	38.25	38.39	38.25	37.68	37.40	37.54	37.68	38.11	38.39
5[b]	38.11	38.25	38.53	38.68	38.25	37.97	37.82	37.68	37.54	37.68	38.11	38.11	38.53	38.39	88.68
6[b]	38.26	38.54	38.83	38.26	38.40	37.41	36.98	36.27	34.43	34.00	35.99	36.84	38.26	39.54	39.96
7	37.27	36.98	38.12	38.26	38.40	37.69	36.98	35.99	35.56	35.28	35.85	36.41	37.27	37.69	37.55
8	37.55	38.12	37.69	37.98	38.26	37.83	37.55	37.41	37.27	31.12	36.84	36.98	37.98	38.54	38.83
9	37.42	38.13	38.13	38.27	37.84	37.70	37.99	38.13	38.27	38.70	38.27	38.13	38.84	39.41	39.41
10	37.56	37.70	37.70	37.70	38.13	38.27	38.27	37.99	37.42	36.85	36.14	36.28	36.85	37.70	38.27
11	37.71	37.71	37.85	37.85	37.71	38.00	38.28	38.42	38.56	38.28	37.29	37.29	37.00	37.57	38.56
12	37.57	37.43	37.85	37.85	38.00	38.28	37.71	37.71	37.43	36.86	36.15	36.43	36.72	37.14	37.71
13	37.71	37.71	37.71	37.71	37.85	38.42	38.56	38.71	38.14	37.43	37.29	37.00	37.43	37.71	87.85
14[a]	38.01	38.15	38.15	38.15	38.01	37.86	38.29	38.86	38.72	38.57	38.57	37.72	37.44	37.44	37.72
15	37.86	37.86	38.01	38.15	37.86	37.72	37.58	38.15	38.57	38.43	38.01	37.72	38.29	38.72	38.72
16[b]	38.01	38.01	37.86	38.29	38.01	37.01	36.30	36.59	37.15	36.73	36.87	37.72	38.57	39.71	39.71
17[b]	37.73	37.31	37.31	36.31	36.60	35,89	35.46	35.89	35.32	35.74	36.31	37.02	38.87	39.29	39.72
18	37.45	37.45	37.31	37.31	37.31	37.02	36.03	35.74	35.89	36.60	37.02	37.31	37.45	37.87	39.29
19	37.45	37.45	37.45	37.31	36.74	36.45	36.45	36.88	37.02	37.16	37.45	37.73	38.58	38.44	39.15
20	37.60	37.74	37.32	37.03	37.46	37.46	37.17	37.32	37.60	37.60	37.74	37.88	38.31	37.74	37.88
21	37.88	37.74	37.60	37.88	37.74	37.88	38.31	39.30	39.16	38.45	37.03	36.61	37.03	37.46	37.88
22	37.61	37.47	37.61	37.61	37.47	37.47	38.04	38.32	38.60	38.46	37.47	37.61	37.75	38.04	39.17
23	37.61	37.47	37.89	37.47	37.61	37.75	38.04	38.46	38.32	38.04	37.33	37.47	37.75	38.18	38.89
24	37.47	37.75	37.89	38.04	38.04	38.04	38.60	38.89	38.75	37.89	37.04	37.18	37.75	38.32	38.75
25	37.76	37.76	38.05	38.05	38.05	38.05	37.90	37.76	37.62	36.91	36.34	36.91	37.48	38.33	39.04
26	37.76	37.90	87.76	37.76	37.62	37.48	37.48	37.62	37.34	36.63	36.91	38.05	38.90	38.61	38.47
27	37.91	38.06	38.20	38.20	38.06	37.91	37.63	37.35	37.20	36.49	35.78	35.22	36.64	37.63	38.34
28	37.77	37.63	37.77	37.77	37.77	38.34	38.47	38.77	38.91	37.35	36.64	36.49	36.92	37.20	37.77
29[a]	37.64	37.64	37.64	37.78	37.64	37.78	38.07	38.92	39.20	38.07	37.36	36.93	37.21	37.36	37.78
30[a]	37.50	37.64	37.64	37.64	37.78	37.78	37.78	38.35	38.21	37.21	36.65	37.36	38.07	37.78	37.64
Mean	37.76	37.83	37.92	37.92	37.87	37.74	37.62	37.72	37.58	37.22	36.94	37.10	37.70	38.15	38.54
Mean[a]	37.87	37.96	38.01	38.12	38.04	38.01	38.13	38.52	38.35	37.70	37.25	37.22	37.50	37.76	87.98
Mean[b]	38.04	38.07	38.18	38.01	37.87	37.25	36.85	36.74	36.37	36.31	36.73	37.19	38.32	39.03	39.23

DECEMBER, 1915.

0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1[a]	37.65	37.79	37.79	37.79	37.65	37.51	37.08	37.51	37.93	37.51	37.08	36.80	37.22	37.79	38.08
2	37.78	37.78	37.78	37.64	37.50	37.50	37.36	38.21	39.06	38.78	38.78	38.49	38.49	38.07	38.35
3	37.62	37.48	37.62	37.76	37.62	37.76	37.90	38.61	39.32	39.04	38.19	37.62	37.48	37.19	37.48
4	37.75	37.75	37.75	37.61	37.47	37.18	36.90	37.18	37.33	37.04	36.90	36.76	37.47	37.47	37.33
5[a]	37.74	37.74	37.74	37.60	37.46	37.46	37.60	38.45	39.02	38.31	37.46	37.17	37.88	38.45	38.45
6[b]	37.59	37.73	37.73	37.59	37.59	37.59	37.45	38.30	38.73	37.73	37.45	37.59	38.02	38.58	38.58
7[b]	37.43	37.14	38.71	37.57	37.00	37.14	36.29	37.00	37.29	36.58	36.86	37.43	38.28	38.85	39.56
8	37.42	37.42	37.56	37.70	37.56	37.70	37.28	37.28	37.56	37.42	36.85	36.14	37.13	37.56	38.27
9	37.69	37.69	37.69	37.69	37.83	37.69	37.69	38.69	39.54	38.54	37.12	36.27	36.27	36.98	37.69
10	37.54	37.54	37.40	37.26	37.97	38.25	38.25	38.39	38.39	37.26	36.26	36.26	37.26	37.54	37.97
11	37.80	37.95	37.95	38.23	37.80	38.09	38.51	39.08	38.94	37.95	37.24	36.24	36.38	36.81	37.38
12	37.65	37.51	37.65	37.94	38.08	38.36	38.22	38.50	38.79	37.65	36.23	35.52	35.95	36.23	36.94
13	37.50	37.50	37.50	37.64	37.64	37.93	38.21	39.06	39.63	38.92	37.93	36.79	36.08	36.22	36.93
14	37.77	37.77	37.63	37.49	37.63	37.49	37.21	38.77	40.19	41.04	38.91	37.92	38.06	38.06	38.20
15[b]	37.19	37.33	37.47	37.33	37.19	36.76	36.33	37.19	37.75	38.04	38.18	37.61	37.19	37.33	37.90
16[b]	37.32	36.61	36.32	36.61	36.18	37.03	37.03	37.32	38.60	38.88	38.74	38.74	38.31	38.17	38.03
17	37.31	37.45	37.31	37.17	37.02	36.74	36.60	37.31	37.88	38.30	36.88	37.02	37.59	38.16	38.16
18[a]	37.43	37.43	37.15	37.29	37.15	37.00	36.86	36.86	37.29	37.71	37.71	37.86	37.29	37.57	37.71
19	37.28	37.42	37.56	37.42	37.28	37.14	36.85	37.42	38.70	38.56	37.28	37.14	37,56	37.99	38.41
20	37.40	37.12	37.26	37.12	37.12	36.83	36.26	37.26	37.83	37.40	37.26	37.40	37.40	37.26	37.12
21[a]	37.38	37.38	37.24	37.24	37.24	36.95	36.39	36.67	37.24	38.09	37.24	37.10	37.81	38.23	38.37
22[a]	37.36	37.22	37.22	37.08	36.93	36.79	36.65	36.93	37.22	36.79	36.79	37.22	37.22	37.50	37.50
23	37.21	37.21	37.21	37.21	37.07	36.78	36.64	36.92	37.49	37.63	37.07	36.50	36.64	37.78	38.63
24	37.19	37.33	37.19	37.05	37.19	37.19	36.62	36.90	37.05	36.34	36.90	37.19	37.05	36.90	37.19
25	37.32	37.32	37.32	37.46	37.46	37.32	37.46	37.60	37.75	37.46	36.89	37.18	37.46	37.46	38.31
26[b]	37.02	37.16	37.16	37.02	37.16	37.16	36.59	37.16	37.58	36.59	36.31	36.16	36.87	37.16	37.73
27	37.28	37.28	37.00	37.00	37.14	37.28	37.14	37.85	38.42	37.71	36.85	36.57	36.85	37.28	38.13
28	37.26	37.26	37.12	37.12	37.40	37.26	37.69	38.25	38.54	37.12	35.84	35.70	35.84	36.55	37.40
29	37.11	37.25	37.25	37.25	37.39	37.39	37.39	37.96	38.24	36.97	36.11	36.26	36.54	37.25	37.53
30	37.37	37.51	37.37	37.51	37.66	37.51	37.23	37.94	38.37	38.08	36.24	35.67	35.10	36.09	37.94
31	37.50	37.50	37.36	37.08	37.08	36.94	36.94	37.79	38.50	37.36	36.79	36.65	36.79	37.08	36.94
Mean	37.45	37.44	37.45	37.40	37.37	37.35	37.18	37.75	38.26	37.83	37.17	36.93	37.14	37.47	37.88
Mean[a]	37.51	37.51	37.43	37.40	37.29	37.14	36.92	37.28	37.74	37.68	37.26	37.23	37.48	37.91	38.02
Mean[b]	37.31	37.19	37.48	37.22	37.02	37.14	36.74	37.39	37.99	37.56	37.51	37.51	37.73	38.02	38.36

[a] Five international quiet days.

[b] Five international disturbed days.

HOURLY VALUES OF DECLINATION.

NOVEMBER, 1915.

0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
37.67	37.67	37.39	37.10	38.52	37.67	37.67	37.67	38.24	37.71	3 27	38.66	12 00	36.25	2.41	1
38.67	38.10	38.10	38.10	38.10	37.67	37.81	37.96	38.10	37.71	3 26	38.95	11 00	35.83	3.12	3
38.38	38.24	38.10	38.10	38.10	37.96	37.81	37.81	38.10	37.90	4 00	38.52	11 00	36.25	2.27	2
38.39	38.25	37.97	38.11	38.11	37.97	37.97	37.97	37.97	38.09	4 00	38.53	11 00	37.40	1.13	4
38.68	38.25	37.82	38.11	37.97	37.82	37.82	37.97	38.11	38.12	15 50	38.82	9 00	37.54	1.28	5
39.68	38.83	38.83	38.54	39.11	38.69	37.55	37.55	37.98	37.86	15 40	40.39	9 36	33.29	7.10	6
37.83	37.41	37.83	37.69	37.55	37.69	37.55	37.69	37.83	37.27	5 32	38.54	10 00	35.28	3.26	7
38.97	38.69	38.40	37.98	37.83	37.55	37.41	37.55	37.69	37.83	15 40	39.11	11 00	36.84	2.27	8
39.55	38.55	38.13	38.27	38.27	37.70	37.28	37.56	37.56	38.23	16 00	39.55	22 00	37.28	2.27	9
38.55	38.70	38.13	38.27	38.27	37.99	37.70	37.56	37.70	37.74	17 00	38.70	11 00	36.14	2.56	10
39.13	38.56	38.28	38.00	38.14	38.00	38.14	37.71	37.57	37.98	16 00	39.13	13 00	37.00	2.13	11
38.42	38.99	38.71	38.71	38.42	38.00	37.71	37.71	37.71	37.72	17 15	39.27	11 00	36.15	3.12	12
38.56	38.42	38.00	38.14	38.14	38.00	37.71	37.71	37.85	37.91	8 00	38.71	12 00	37.00	1.71	13
37.86	37.86	37.86	38.01	38.15	38.15	38.01	37.72	37.86	38.05	8 00	38.86	12 45	37.30	1.56	14
38.57	38.29	38.15	38.43	38.29	37.86	37.72	37.72	38.01	38.11	13 45	38.86	7 00	37.58	1.28	15
39.28	38.72	39.00	39.28	38.57	38.15	37.44	37.58	37.72	38.01	13 50	39.78	6 30	35.88	3.90	16
38.87	38.58	38.73	38.73	38.44	38.16	37.45	37.45	37.45	37.44	15 10	39.86	9 00	35.32	4.54	17
39.44	38.73	39.01	38.73	38.73	37.87	37.59	37.73	37.45	37.56	15 55	39.58	8 00	35.74	3.84	18
38.58	38.58	38.30	38.30	38.30	38.02	37.73	37.87	37.87	37.72	15 00	39.15	6 30	36.17	2.98	19
38.88	38.59	38.03	38.17	38.31	37.74	37.74	37.74	37.60	37.78	16 00	38.88	4 00	37.03	1.85	20
38.03	38.31	38.31	38.03	38.45	38.03	37.60	37.46	37.32	37.90	8 00	39.30	12 00	36.61	2.69	21
39.03	38.75	38.32	38.46	38.18	38.18	37.61	37.75	37.33	38.01	15 00	39.17	0 10	37.26	1.91	22
38.75	38.32	38.04	38.32	38.04	37.75	37.61	37.47	37.47	37.92	15 00	38.89	11 00	37.33	1.56	23
38.60	38.46	37.89	38.04	37.75	37.75	37.75	37.75	37.75	38.01	8 00	38.89	11 20	36.90	1.99	24
38.90	38.76	38.33	38.47	38.33	37.90	37.76	37.76	37.76	37.92	15 00	39.04	11 00	36.34	2.70	25
38.33	38.05	37.48	37.90	37.76	37.62	37.76	37.76	37.76	37.78	13 15	39.04	10 44	36.49	2.55	26
38.91	38.34	38.06	38.20	38.20	37.77	37.77	37.63	37.63	37.63	16 00	38.91	12 00	35.22	3.69	27
37.91	38.34	38.20	38.34	38.62	38.06	37.91	37.63	37.63	37.84	6 38	39.19	12 00	36.49	2.70	28
38.21	38.07	37.92	37.78	37.92	37.92	37.92	37.64	37.64	37.84	9 00	39.20	12 00	36.93	2.27	29
37.78	37.92	37.78	38.07	37.92	37.78	37.78	37.78	37.78	37.73	8 00	38.35	11 15	36.51	1.84	30
38.61	38.38	38.17	38.21	38.18	37.91	37.71	37.70	37.75	37.84	----------	39.06	----------	36.44	2.62	--------
38.12	38.07	37.93	38.01	38.04	37.96	37.90	37.78	37.87	37.92	----------	38.69	----------	36.88	1.81	--------
38.84	38.41	38.35	38.35	38.52	38.10	37.59	37.64	37.90	37.83	----------	39.50	----------	35.65	3.85	--------

DECEMBER, 1915.

0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h. m.	′	h. m.	′	′	
38.50	38.36	37.79	38.08	37.93	37.79	37.93	37.79	37.79	37.71	16 00	38.50	12 00	36.80	1.70	1
38.63	38.49	38.07	38.07	38.21	38.07	37.92	37.78	37.78	38.11	9 00	39.06	7 00	37.36	1.70	2
38.05	38.05	37.62	37.76	38.05	37.90	38.05	37.90	37.76	37.91	9 00	39.32	14 00	37.19	2.13	3
37.75	37.75	37.75	38.18	38.18	37.89	37.75	37.61	37.75	37.52	19 35	38.25	11 36	36.69	1.56	4
38.45	38.31	37.74	37.88	37.88	37.74	37.60	37.60	37.60	37.89	9 00	39.02	12 00	37.17	1.85	5
38.30	38.16	38.02	37.73	37.31	37.45	37.16	37.31	37.45	37.80	9 00	38.73	20 20	36.88	1.85	6
39.70	38.85	38.14	38.00	38.14	37.71	37.43	37.43	37.43	37.75	16 10	39.84	6 45	36.22	3.62	7
38.70	38.41	37.99	38.41	37.99	37.42	37.70	37.56	37.56	37.61	16 00	38.70	12 00	36.14	2.56	8
38.54	38.26	37.69	37.98	37.69	37.83	37.55	37.41	37.41	37.73	9 00	39.54	12 10	36.20	3.34	9
38.96	38.82	37.97	38.11	38.25	38.11	37.82	37.68	37.68	37.79	16 20	39.10	11 25	36.19	2.91	10
38.23	38.37	37.80	37.95	37.95	37.80	37.66	37.80	37.80	37.82	8 00	39.08	12 00	36.24	2.84	11
37.79	38.22	37.65	38.08	38.08	37.94	37.79	37.65	37.65	37.59	9 15	38.86	12 00	35.52	3.34	12
37.78	37.93	37.36	37.78	38.07	38.07	37.78	37.78	37.78	37.74	9 00	39.63	13 17	36.00	3.63	13
38.77	38.34	38.20	37.77	38.20	37.77	38.20	38.06	37.63	38.21	10 00	41.04	7 00	37.21	3.83	14
38.61	38.89	38.46	38.18	38.18	37.90	38.04	37.47	37.47	37.67	17 00	38.89	7 00	36.33	2.56	15
38.17	38.17	37.60	37.89	37.89	37.89	37.60	37.46	37.32	37.66	10 00	38.88	5 10	36.04	2.84	16
38.16	38.02	37.73	37.59	37.59	37.31	37.45	37.45	37.31	37.48	10 00	38.30	7 00	36.60	1.70	17
37.57	37.57	37.57	37.71	37.71	37.43	37.43	37.29	37.29	37.41	12 00	37.86	7 20	36.79	1.07	18
38.56	38.41	37.85	37.99	37.85	37.70	37.70	37.56	37.42	37.71	9 45	38.84	7 00	36.85	1.99	19
37.54	37.68	37.54	37.68	37.54	37.40	37.54	37.54	37.40	37.33	9 00	37.83	7 00	36.26	1.57	20
38.52	38.37	38.23	38.09	37.81	37.52	37.38	37.38	37.38	37.55	16 00	38.52	7 00	36.39	2.13	21
38.07	38.21	37.79	38.07	38.07	37.64	37.50	37.36	37.22	37.35	17 00	38.21	7 00	36.65	1.56	22
38.91	38.63	38.20	38.06	37.78	37.63	37.35	37.21	37.21	37.46	16 00	38.91	12 00	36.50	2.41	23
37.76	37.61	37.90	37.76	37.76	37.61	37.61	37.47	37.47	37.26	18 00	37.90	10 00	36.34	1.56	24
38.17	37.60	37.46	37.60	37.60	37.46	37.46	37.04	37.18	37.47	15 20	38.52	11 00	36.89	1.63	25
38.72	38.58	38.15	38.15	38.29	38.29	37.16	37.44	37.30	37.37	20 30	39.00	11 33	35.88	3.12	26
38.56	37.99	37.42	37.85	37.42	37.28	37.14	37.14	37.14	37.40	16 00	38.56	12 00	36.57	1.99	27
38.40	38.25	37.69	37.69	37.40	37.40	37.26	37.12	37.12	37.28	8 36	38.68	12 24	35.56	3.12	28
37.82	37.39	37.39	37.39	37.53	37.25	37.25	37.25	37.39	37.27	8 45	38.39	11 15	35.97	2.42	29
38.65	37.94	37.66	37.37	37.51	37.37	37.23	37.09	37.23	37.32	16 05	38.72	13 00	35.10	3.62	30
37.36	37.50	37.36	37.65	37.50	37.22	37.22	37.36	37.22	37.28	8 45	38.64	12 00	36.65	1.99	31
38.31	38.17	37.80	37.89	37.85	37.67	37.57	37.48	37.46	37.60	----------	38.82	----------	36.43	2.39	--------
38.22	38.16	37.82	37.97	37.88	37.62	37.57	37.48	37.46	37.58	----------	38.42	----------	36.76	1.66	--------
38.70	38.53	38.07	37.99	37.96	37.85	37.48	37.42	37.39	37.65	----------	39.07	----------	36.27	2.80	--------

HOURLY VALUES OF HORIZONTAL INTENSITY.

JANUARY, 1915.

30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1[b]	8063	8064	8076	8074	8073	8077	8086	8088	8098	8099	8100	8100	8088	8070	8052
2[a]	8030	8037	8041	8041	8047	8053	8061	8069	8078	8088	8083	8082	8076	8069	8061
3[a]	8056	8056	8054	8056	8057	8061	8072	8081	8101	8106	8098	8095	8091	8081	8070
4	8068	8070	8068	8067	8067	8078	8081	8092	8109	8123	8133	8137	8122	8104	8086
5[b]	8065	8065	8063	8066	8072	8077	8079	8095	8107	8125	8125	8098	8087	8082	8060
6	8066	8067	8057	8057	8058	8063	8077	8085	8096	8116	8111	8103	8096	8087	8075
7	8068	8070	8068	8073	8073	8076	8081	8089	8099	8105	8117	8115	8105	8099	8083
8	8061	8069	8066	8066	8067	8068	8072	8080	8089	8105	8105	8107	8098	8088	8075
9	8058	8061	8063	8068	8067	8074	8081	8092	8101	8112	8112	8100	8086	8071	8071
10	8069	8070	8071	8071	8074	8078	8081	8091	8100	8112	8116	8117	8114	8102	8090
11	8076	8074	8074	8077	8075	8074	8075	8074	8077	8089	8100	8104	8103	8097	8091
12	8076	8077	8077	8078	8080	8084	8086	8095	8109	8130	8139	8134	8126	8110	8098
13	8079	8081	8080	8077	8075	8071	8059	8064	8070	8082	8092	8087	8085	8075	8065
14	8072	8072	8078	8081	8072	8075	8070	8070	8087	8106	8102	8093	8080	8073	8073
15	8057	8057	8058	8062	8060	8062	8067	8068	8073	8080	8082	8074	8076	8073	8070
16	8065	8068	8069	8069	8072	8073	8073	8077	8096	8110	8119	8104	8086	8079	8073
17	8068	8064	8064	8063	8066	8069	8074	8083	8093	8111	8111	8108	8105	8096	8092
18[a]	8076	8074	8080	8083	8080	8083	8087	8091	8094	8103	8106	8098	8092	8086	8080
19[a]	8069	8066	8062	8053	8059	8066	8065	8068	8073	8078	8083	8080	8077	8075	8072
20	8065	8067	8068	8069	8070	8074	8085	8099	8109	8119	8122	8114	8111	8100	8094
21	8073	8069	8075	8070	8070	8075	8081	8087	8105	8120	8127	8121	8116	8103	8097
22	8089	8086	8088	8086	8088	8088	8090	8096	8110	8121	8132	8128	8123	8119	8106
23	8083	8083	8086	8086	8088	8091	8091	8093	8097	8117	8125	8128	8115	8107	8095
24	8087	8089	8089	8089	8090	8090	8092	8099	8111	8118	8123	8119	8113	8103	8094
25[b]	8071	8075	8088	8083	8085	8090	8096	8110	8123	8143	8123	8145	8120	8108	8099
26[b]	8085	8057	8067	8066	8069	8074	8079	8092	8096	8111	8119	8112	8102	8105	8097
27[b]	8070	8069	8086	8073	8073	8075	8078	8087	8099	8100	8116	8105	8102	8096	8094
28	8081	8074	8071	8073	8074	8076	8084	8084	8085	8099	8110	8106	8100	8094	8092
29	8078	8088	8084	8084	8084	8084	8085	8091	8097	8108	8116	8112	8108	8103	8095
30	8078	8079	8086	8086	8087	8087	8093	8102	8111	8118	8118	8118	8110	8103	8100
31[a]	8083	8086	8090	8090	8087	8089	8098	8105	8112	8122	8137	8135	8120	8112	8104
Mean	8070	8070	8072	8072	8073	8076	8080	8087	8097	8109	8113	8109	8101	8093	8084
Mean[a]	8063	8064	8065	8065	8066	8070	8077	8083	8092	8099	8101	8098	8091	8085	8077
Mean[b]	8071	8066	8076	8072	8074	8079	8084	8094	8105	8116	8117	8112	8100	8092	8080

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30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8087	8085	8087	8085	8083	8090	8092	8104	8120	8142	8159	8155	8138	8120	8106
2	8097	8097	8096	8086	8087	8092	8091	8102	8122	8148	8156	8155	8138	8119	8101
3	8080	8079	8080	8082	8084	8087	8093	8107	8122	8142	8159	8154	8144	8129	8118
4	8082	8084	8088	8089	8085	8090	8095	8106	8117	8134	8148	8156	8148	8138	8130
5	8092	8094	8095	8095	8098	8103	8110	8118	8129	8139	8145	8153	8128	8113	8113
6	8077	8079	8079	8081	8084	8088	8094	8107	8121	8135	8145	8145	8150	8135	8124
7[a]	8081	8090	8091	8086	8085	8088	8091	8097	8107	8118	8131	8133	8125	8114	8108
8[b]	8099	8098	8098	8104	8100	8103	8105	8109	8117	8130	8151	8154	8145	8126	8110
9	8072	8058	8063	8073	8075	8074	8071	8081	8102	8111	8111	8118	8112	8102	8094
10	8061	8062	8067	8074	8073	8073	8075	8082	8095	8107	8121	8122	8117	8099	8086
11[a]	8084	8086	8080	8084	8084	8084	8085	8095	8106	8126	8133	8131	8124	8117	8108
12	8087	8091	8090	8091	8089	8093	8100	8127	8139	8156	8171	8163	8150	8137	8113
13	8092	8086	8090	8095	8096	8100	8100	8113	8125	8136	8149	8150	8142	8132	8121
14[a]	8096	8093	8092	8092	8091	8095	8104	8122	8141	8155	8165	8164	8154	8137	8123
15	8102	8111	8112	8117	8122	8125	8131	8147	8160	8170	8182	8177	8162	8142	8130
16[a]	8099	8101	8103	8101	8101	8104	8112	8129	8142	8155	8172	8175	8165	8149	8132
17[a]	8106	8105	8104	8103	8102	8105	8115	8130	8148	8166	8179	8176	8164	8145	8132
18	8093	8091	8090	8092	8096	8095	8097	8103	8119	8132	8144	8150	8141	8133	8120
19[b]	8107	8106	8107	8108	8104	8104	8111	8126	8145	8158	8171	8175	8164	8150	8138
20[b]	8093	8057	8056	8070	8076	8074	8079	8097	8109	8115	8116	8120	8107	8103	8098
21	8086	8088	8085	8083	8083	8089	8089	8105	8112	8137	8141	8145	8137	8110	8107
22	8087	8087	8097	8094	8094	8093	8102	8110	8117	8132	8137	8140	8123	8119	8104
23[b]	8099	8098	8103	8102	8114	8108	8098	8106	8112	8131	8135	8148	8149	8134	8121
24[b]	8103	8100	8086	8085	8090	8097	8101	8109	8122	8141	8151	8129	8138	8129	8119
25	8102	8086	8093	8093	8097	8099	8092	8098	8114	8133	8140	8153	8150	8139	8124
26	8090	8093	8092	8090	8093	8093	8088	8092	8110	8120	8133	8138	8127	8131	8123
27	8115	8098	8097	8099	8101	8103	8108	8115	8121	8136	8146	8151	8149	8136	8126
28	8104	8103	8106	8105	8101	8107	8106	8109	8119	8132	8140	8143	8139	8130	8118
Mean	8092	8090	8090	8091	8092	8095	8098	8109	8122	8137	8148	8149	8140	8127	8116
Mean[a]	8093	8095	8094	8093	8093	8095	8101	8115	8129	8144	8156	8156	8146	8132	8121
Mean[b]	8100	8092	8090	8094	8097	8097	8099	8109	8121	8135	8145	8145	8141	8128	8117

[a] Five international quiet days.

[b] Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

JANUARY, 1915.

30000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8042	8054	8053	8035	8015	8005	8031	8028	8030	8063	11	30	8100	21	00	8005	95	1
8053	8060	8066	8066	8065	8062	8060	8060	8058	8061	9	44	8092	1	00	8030	62	2
8071	8069	8070	8070	8068	8068	8065	8063	8066	8073	10	00	8106	3	00	8054	52	3
8072	8068	8065	8064	8070	8066	8059	8054	8069	8083	11	48	8144	23	00	8054	90	4
8045	8057	8047	8045	8055	8040	8059	8057	8045	8072	11	14	8132	20	52	8038	94	5
8069	8072	8070	8075	8072	8066	8072	8063	8067	8077	10	17	8122	0	01	8046	76	6
8077	8070	8063	8059	8058	8057	8060	8052	8056	8078	11	33	8125	19	25	8047	78	7
8069	8068	8070	8069	8061	8062	8062	8059	8060	8075	12	00	8107	21	35	8053	54	8
8070	8074	8073	8073	8073	8072	8070	8071	8074	8078	10	34	8114	0	32	8056	58	9
8078	8077	8072	8072	8072	8070	8072	8073	8077	8084	12	00	8117	1	00	8069	48	10
8089	8087	8085	8085	8079	8076	8075	8076	8076	8083	12	00	8104	6	32	8073	31	11
8094	8097	8092	8087	8086	8081	8079	8078	8078	8095	11	00	8139	1	00	8076	63	12
8065	8070	8072	8074	8073	8072	8072	8069	8069	8074	11	13	8095	7	08	8057	38	13
8067	8067	8066	8065	8064	8063	8063	8063	8054	8074	10	47	8109	24	00	8054	55	14
8070	8070	8066	8062	8062	8062	8062	8063	8065	8067	11	09	8083	0	08	8053	30	15
8074	8075	8075	8074	8072	8064	8072	8073	8071	8078	11	00	8119	21	00	8064	55	16
8085	8080	8081	8080	8078	8078	8076	8081	8079	8083	10	20	8115	4	00	8063	52	17
8079	8077	8075	8073	8067	8064	8070	8072	8071	8082	11	00	8106	21	00	8064	42	18
8069	8068	8070	8070	8066	8063	8062	8064	8064	8068	11	00	8083	4	00	8053	30	19
8091	8090	8089	8084	8081	8078	8076	8075	8075	8088	11	00	8122	1	00	8065	57	20
8096	8096	8096	8091	8087	8084	8085	8086	8088	8092	11	15	8128	4	32	8066	62	21
8097	8094	8092	8088	8078	8073	8069	8077	8080	8096	11	00	8132	21	37	8066	66	22
8090	8091	8088	8086	8086	8085	8086	8087	8085	8095	11	34	8130	0	22	8077	53	23
8092	8092	8089	8082	8078	8074	8069	8064	8057	8092	10	18	8128	23	48	8056	72	24
8076	8076	8070	8065	8070	8067	8068	8079	8072	8092	11	47	8146	19	16	8058	88	25
8089	8087	8084	8078	8078	8072	8069	8069	8067	8084	10	44	8122	2	00	8057	65	26
8081	8063	8067	8061	8062	8064	8066	8070	8072	8080	10	41	8120	19	21	8056	64	27
8089	8087	8086	8083	8075	8068	8066	8066	8073	8083	11	22	8116	22	34	8059	57	28
8086	8082	8078	8080	8081	8081	8082	8078	8076	8089	11	26	8118	1	29	8074	44	29
8086	8085	8083	8081	8076	8070	8080	8080	8086	8092	11	26	8124	21	00	8070	54	30
8099	8095	8089	8083	8081	8078	8080	8085	8085	8098	11	00	8137	21	00	8078	59	31
8078	8077	8076	8073	8071	8067	8069	8069	8069	8082	----	----	8117	----	----	8058	59	--------
8074	8074	8074	8072	8069	8067	8067	8069	8069	8076	----	----	8105	----	----	8056	49	--------
8067	8067	8064	8057	8056	8050	8059	8061	8057	8078	----	----	8124	----	----	8043	81	--------

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30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8099	8099	8102	8101	8104	8096	8089	8087	8087	8105	11	27	8161	5	00	8083	78	1
8104	8089	8088	8088	8080	8086	8081	8083	8081	8103	11	36	8162	20	21	8078	84	2
8109	8100	8096	8090	8082	8082	8081	8082	8082	8103	11	00	8159	2	00	8079	80	3
8119	8115	8109	8105	8099	8095	8095	8094	8091	8109	12	10	8159	0	09	8081	78	4
8103	8102	8096	8090	8078	8068	8070	8078	8078	8104	12	17	8164	21	22	8065	99	5
8112	8109	8108	8105	8100	8088	8083	8072	8078	8104	13	00	8150	23	00	8072	78	6
8106	8109	8111	8108	8105	8102	8100	8100	8098	8103	12	00	8133	1	24	8073	60	7
8103	8105	8096	8074	8052	8045	8039	8063	8064	8100	11	40	8159	22	08	8029	130	8
8086	8080	8080	8075	8073	8066	8062	8060	8063	8082	12	15	8122	22	22	8052	70	9
8074	8075	8074	8075	8074	8074	8074	8079	8079	8083	11	43	8123	1	00	8061	62	10
8101	8099	8097	8096	8090	8088	8087	8086	8088	8098	10	54	8136	0	32	8078	58	11
8096	8098	8098	8086	8089	8090	8087	8091	8089	8109	11	12	8173	19	00	8086	87	12
8116	8108	8104	8101	8095	8090	8088	8093	8095	8109	11	46	8152	2	00	8086	66	13
8112	8106	8099	8093	8093	8093	8093	8095	8099	8113	11	00	8165	5	00	8091	74	14
8111	8099	8100	8096	8099	8096	8093	8097	8088	8124	11	39	8187	24	00	8088	99	15
8119	8114	8111	8109	8104	8104	8104	8102	8102	8121	12	00	8175	0	01	8089	86	16
8123	8114	8110	8103	8098	8097	8096	8097	8093	8121	11	16	8180	24	00	8093	87	17
8118	8116	8111	8106	8105	8107	8106	8105	8105	8111	12	00	8150	3	00	8090	60	18
8129	8127	8126	8117	8106	8081	8068	8069	8065	8119	12	00	8175	23	46	8057	118	19
8095	8096	8083	8081	8072	8055	8059	8080	8083	8086	11	45	8126	21	44	8053	73	20
8097	8083	8091	8090	8067	8082	8087	8089	8089	8099	10	54	8148	20	00	8067	81	21
8104	8101	8099	8090	8094	8094	8081	8087	8088	8103	11	20	8143	22	35	8077	66	22
8107	8103	8093	8103	8104	8092	8091	8082	8088	8109	13	00	8149	23	12	8080	69	23
8120	8112	8092	8090	8091	8102	8096	8097	8090	8108	10	46	8158	3	18	8082	76	24
8112	8109	8090	8099	8099	8095	8095	8091	8103	8109	12	00	8153	23	26	8080	73	25
8113	8106	8095	8097	8086	8075	8079	8086	8087	8102	12	00	8138	21	20	8070	68	26
8110	8109	8110	8107	8104	8102	8096	8097	8100	8114	12	00	8151	22	00	8096	55	27
8118	8119	8118	8116	8113	8109	8112	8110	8110	8116	11	24	8145	5	00	8101	44	28
8108	8104	8100	8096	8091	8088	8085	8088	8088	8106	----	----	8153	----	----	8076	77	--------
8112	8108	8106	8102	8098	8097	8096	8096	8096	8111	----	----	8158	----	----	8085	73	--------
8111	8109	8098	8093	8085	8075	8071	8078	8078	8104	----	----	8153	----	----	8060	93	--------

HOURLY VALUES OF HORIZONTAL INTENSITY.

MARCH, 1915.

30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8113	8110	8117	8110	8113	8113	8113	8119	8133	8146	8156	8160	8149	8140	8129
2[a]	8101	8099	8099	8098	8102	8103	8106	8117	8124	8141	8154	8158	8145	8132	8124
3[a]	8092	8091	8094	8092	8096	8100	8103	8116	8126	8140	8155	8161	8153	8145	8136
4	8109	8111	8111	8113	8112	8116	8122	8133	8148	8162	8170	8165	8158	8151	8140
5	8109	8109	8113	8113	8115	8115	8114	8130	8156	8158	8168	8173	8164	8147	8138
6	8115	8113	8113	8115	8115	8115	8115	8124	8143	8161	8174	8181	8172	8160	8148
7[b]	8126	8128	8125	8122	8122	8125	8128	8141	8156	8169	8183	8196	8182	8155	8124
8[b]	8113	8117	8117	8103	8113	8093	8113	8099	8108	8116	8137	8135	8139	8130	8124
9	8073	8079	8089	8090	8087	8092	8095	8101	8109	8139	8148	8136	8113	8107	8106
10	8084	8088	8091	8092	8087	8090	8097	8106	8119	8142	8155	8145	8140	8122	8106
11	8100	8097	8095	8094	8095	8097	8104	8118	8136	8149	8161	8166	8158	8138	8123
12	8108	8106	8108	8104	8107	8108	8109	8120	8140	8161	8149	8153	8149	8140	8133
13	8106	8110	8114	8111	8113	8113	8118	8123	8143	8163	8178	8183	8176	8162	8141
14[a]	8100	8102	8105	8107	8112	8117	8124	8138	8160	8182	8193	8199	8188	8174	8161
15[a]	8117	8114	8115	8116	8117	8117	8127	8141	8159	8181	8202	8209	8195	8173	8156
16	8122	8129	8125	8121	8125	8126	8128	8139	8148	8169	8184	8182	8174	8158	8141
17	8126	8128	8130	8129	8127	8122	8114	8119	8114	8144	8151	8164	8162	8149	8139
18	8108	8107	8109	8114	8115	8115	8116	8121	8141	8158	8166	8170	8171	8163	8154
19	8117	8103	8112	8110	8110	8118	8124	8131	8150	8158	8154	8146	8125	8119	8118
20[b]	8089	8095	8101	8107	8109	8109	8113	8120	8123	8142	8150	8159	8159	8123	8101
21[b]	8101	8100	8111	8105	8107	8114	8118	8132	8153	8176	8189	8181	8167	8134	8114
22[b]	8090	8093	8091	8080	8084	8107	8092	8102	8106	8132	8135	8127	8092	8074	8085
23	8097	8087	8094	8094	8094	8081	8087	8093	8111	8134	8148	8153	8129	8120	8119
24	8094	8091	8091	8094	8089	8091	8091	8094	8115	8136	8149	8158	8152	8130	8115
25	8099	8101	8094	8106	8099	8095	8098	8103	8124	8157	8168	8156	8142	8136	8116
26	8106	8102	8101	8100	8106	8100	8108	8109	8118	8130	8136	8137	8126	8121	8111
27	8102	8101	8099	8109	8110	8108	8109	8118	8128	8140	8150	8149	8140	8126	8119
28[a]	8106	8104	8102	8103	8100	8101	8098	8104	8111	8128	8144	8145	8135	8130	8126
29	8104	8103	8104	8104	8102	8102	8108	8115	8128	8147	8166	8165	8151	8143	8134
30	8110	8111	8115	8117	8118	8116	8123	8139	8159	8179	8192	8172	8168	8143	8132
31	8089	8094	8097	8098	8101	8104	8096	8101	8121	8145	8161	8164	8152	8143	8132
Mean	8104	8104	8106	8106	8107	8107	8110	8118	8133	8151	8162	8163	8152	8138	8127
Mean[a]	8103	8102	8103	8103	8105	8108	8112	8123	8136	8154	8170	8174	8163	8151	8141
Mean[b]	8104	8107	8109	8103	8107	8110	8113	8119	8129	8147	8159	8160	8144	8123	8110

APRIL, 1915.

30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8099	8095	8097	8099	8102	8103	8103	8110	8125	8148	8162	8159	8147	8135	8119
2	8115	8102	8097	8105	8102	8105	8105	8113	8134	8154	8162	8159	8152	8134	8119
3	8098	8084	8093	8102	8108	8097	8105	8136	8131	8159	8173	8176	8154	8148	8122
4	8099	8114	8105	8108	8105	8099	8098	8113	8131	8153	8174	8177	8164	8159	8144
5	8088	8101	8097	8096	8096	8102	8110	8120	8144	8167	8177	8183	8163	8149	8142
6	8098	8098	8098	8100	8102	8109	8115	8129	8144	8165	8177	8176	8165	8153	8146
7[b]	8102	8103	8108	8106	8109	8118	8125	8128	8144	8167	8181	8187	8173	8158	8146
8[b]	8108	8112	8113	8120	8130	8131	8132	8135	8151	8158	8162	8180	8154	8151	8147
9	8090	8094	8096	8100	8106	8105	8100	8110	8130	8145	8155	8156	8158	8143	8130
10[a]	8096	8095	8096	8096	8096	8097	8106	8121	8142	8170	8175	8171	8163	8150	8135
11[a]	8098	8101	8102	8102	8103	8104	8109	8126	8143	8175	8187	8182	8172	8163	8156
12[a]	8094	8092	8094	8096	8098	8101	8104	8113	8126	8144	8150	8148	8148	8148	8147
13[a]	8103	8103	8106	8105	8105	8105	8108	8118	8133	8148	8160	8162	8152	8145	8134
14	8100	8100	8101	8101	8101	8101	8101	8116	8138	8158	8161	8156	8147	8143	8132
15[b]	8093	8091	8096	8099	8100	8100	8103	8114	8134	8157	8169	8166	8159	8147	8134
16	8084	8094	8097	8103	8089	8083	8090	8097	8125	8153	8166	8163	8147	8114	8102
17	8076	8078	8069	8068	8067	8074	8074	8085	8108	8123	8121	8118	8116	8114	8107
18	8087	8085	8094	8099	8101	8104	8109	8117	8139	8170	8174	8141	8140	8128	8101
19	8101	8095	8098	8097	8102	8104	8120	8137	8155	8149	8134	8133	8123	8088	8072
20	8079	8089	8088	8084	8082	8080	8075	8075	8082	8099	8095	8105	8099	8091	8074
21	8061	8069	8063	8070	8072	8074	8086	8100	8108	8126	8132	8131	8132	8123	8093
22[b]	8079	8077	8099	8090	8079	8078	8076	8093	8095	8124	8141	8137	8134	8136	8131
23	8079	8075	8073	8088	8095	8086	8069	8070	8089	8118	8133	8144	8140	8131	8114
24	8074	8073	8076	8075	8074	8082	8088	8097	8108	8126	8135	8137	8130	8123	8111
25	8089	8087	8084	8084	8083	8081	8088	8100	8119	8142	8153	8151	8137	8124	8116
26[b]	8076	8075	8079	8080	8078	8084	8086	8094	8114	8133	8134	8138	8149	8128	8096
27	8019	8037	8037	8042	8045	8059	8081	8101	8123	8135	8137	8134	8129	8131	8126
28[a]	8076	8076	8076	8078	8080	8081	8086	8098	8118	8132	8139	8144	8137	8123	8115
29	8076	8075	8080	8080	8084	8081	8079	8088	8107	8127	8141	8153	8145	8135	8125
30	8096	8094	8093	8089	8088	8090	8094	8111	8129	8142	8151	8151	8146	8130	8116
Mean	8088	8089	8090	8092	8093	8094	8098	8109	8126	8146	8154	8154	8146	8135	8122
Mean[a]	8093	8093	8095	8095	8096	8098	8103	8115	8132	8154	8162	8161	8154	8146	8137
Mean[b]	8092	8092	8099	8099	8099	8102	8104	8113	8128	8148	8157	8162	8154	8144	8131

[a] Five international quiet days.

[b] Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

MARCH, 1915.

30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8119	8110	8107	8105	8106	8102	8099	8103	8103	8120	11 40	8163	22 00	8099	64	1
8112	8104	8098	8096	8096	8095	8094	8092	8090	8112	12 00	8158	24 00	8090	68	2
8134	8127	8122	8118	8116	8112	8112	8112	8110	8119	12 00	8161	2 00	8091	70	3
8134	8133	8134	8129	8120	8118	8114	8114	8114	8130	11 00	8170	1 00	8109	61	4
8135	8130	8125	8122	8123	8120	8116	8117	8117	8130	12 10	8174	0 47	8107	67	5
8140	8128	8126	8126	8126	8123	8119	8116	8133	8133	12 00	8181	1 20	8112	69	6
8119	8119	8114	8111	8110	8109	8107	8107	8110	8133	12 00	8196	22 15	8106	90	7
8108	8074	8062	8058	8044	8039	8055	8063	8065	8097	13 09	8144	20 18	8037	107	8
8089	8097	8092	8084	8078	8068	8080	8085	8088	8097	11 00	8148	0 08	8065	83	9
8103	8102	8103	8106	8105	8103	8095	8095	8099	8107	11 09	8157	1 00	8084	73	10
8114	8105	8090	8089	8085	8092	8098	8101	8103	8113	12 00	8166	20 00	8085	81	11
8129	8126	8121	8116	8113	8108	8107	8107	8106	8122	10 00	8161	3 24	8103	58	12
8115	8110	8104	8093	8092	8091	8092	8094	8097	8123	11 36	8186	19 28	8089	97	13
8148	8133	8125	8121	8119	8117	8115	8115	8116	8136	12 00	8199	1 00	8100	99	14
8143	8139	8138	8136	8131	8129	8126	8123	8122	8143	11 47	8211	2 00	8114	97	15
8134	8130	8128	8127	8127	8123	8124	8125	8126	8138	11 00	8184	4 00	8121	63	16
8131	8126	8122	8114	8114	8094	8100	8104	8114	8127	11 28	8165	21 15	8092	73	17
8142	8139	8137	8128	8135	8128	8122	8117	8119	8133	13 00	8171	2 00	8107	64	18
8115	8113	8109	8098	8083	8079	8097	8080	8085	8115	10 00	8158	21 15	8077	81	19
8105	8110	8114	8121	8114	8109	8121	8118	8109	8117	11 33	8166	0 01	8086	80	20
8103	8098	8105	8108	8102	8095	8097	8097	8104	8121	10 48	8191	1 46	8080	111	21
8082	8082	8077	8086	8094	8087	8097	8090	8086	8095	10 55	8140	18 32	8069	71	22
8108	8093	8075	8087	8086	8084	8087	8090	8090	8102	11 12	8161	17 50	8072	89	23
8109	8103	8105	8100	8105	8093	8088	8096	8099	8108	11 54	8159	21 52	8087	72	24
8108	8102	8102	8088	8098	8092	8090	8094	8092	8111	10 33	8173	19 30	8078	95	25
8103	8096	8091	8105	8096	8094	8096	8095	8101	8108	11 11	8138	18 00	8091	47	26
8109	8104	8104	8111	8108	8110	8111	8110	8108	8116	11 00	8150	3 00	8099	51	27
8122	8108	8112	8102	8099	8099	8100	8100	8102	8112	12 00	8145	7 00	8098	47	28
8119	8118	8120	8121	8119	8116	8117	8113	8109	8122	11 00	8166	5 45	8101	65	29
8122	8104	8115	8113	8107	8094	8092	8091	8094	8126	11 10	8195	22 20	8087	108	30
8115	8106	8105	8109	8106	8104	8101	8101	8098	8114	12 00	8164	1 00	8089	75	31
8118	8112	8109	8107	8105	8101	8102	8102	8104	8119	----------	8168	----------	8091	77	--------
8132	8122	8119	8115	8112	8110	8109	8108	8108	8124	----------	8175	----------	8099	76	--------
8103	8097	8094	8097	8093	8088	8095	8095	8095	8113	----------	8167	----------	8075	92	--------

APRIL, 1915.

30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8119	8119	8115	8113	8112	8113	8114	8115	8119	8118	10 54	8166	0 03	8093	73	1
8117	8114	8107	8098	8098	8081	8099	8104	8115	8116	11 00	8162	20 31	8078	84	2
8118	8112	8102	8095	8103	8103	8099	8099	8097	8117	11 33	8187	2 00	8084	103	3
8129	8131	8114	8109	8107	8104	8101	8094	8089	8122	11 24	8182	24 00	8089	93	4
8135	8126	8115	8114	8111	8108	8107	8104	8104	8123	11 20	8193	1 00	8088	105	5
8136	8129	8119	8111	8112	8115	8101	8105	8106	8125	11 15	8187	0 15	8096	91	6
8137	8128	8122	8120	8114	8112	8112	8111	8110	8130	11 30	8189	1 00	8102	87	7
8134	8124	8097	8066	8064	8052	8077	8104	8094	8121	10 29	8194	20 40	8042	152	8
8118	8102	8099	8103	8098	8093	8092	8092	8098	8113	12 05	8163	0 27	8088	75	9
8125	8117	8112	8107	8104	8100	8099	8098	8098	8120	10 33	8177	0 45	8092	85	10
8139	8129	8121	8119	8107	8102	8101	8101	8097	8127	11 06	8189	24 00	8097	92	11
8137	8128	8121	8118	8115	8111	8104	8106	8104	8119	10 24	8153	2 00	8092	61	12
8128	8122	8118	8115	8112	8109	8100	8101	8102	8121	12 00	8162	22 00	8100	62	13
8128	8123	8116	8111	8109	8103	8101	8098	8096	8118	11 00	8161	21 30	8094	67	14
8124	8120	8113	8109	8104	8100	8091	8088	8092	8117	11 00	8169	23 00	8088	81	15
8094	8094	8098	8097	8085	8090	8081	8070	8067	8103	11 00	8166	23 40	8065	101	16
8102	8096	8096	8089	8085	8085	8082	8082	8085	8092	10 24	8125	5 10	8064	61	17
8087	8086	8092	8095	8093	8089	8082	8088	8091	8108	10 45	8184	22 00	8082	102	18
8052	8060	8074	8077	8075	8085	8073	8075	8078	8098	9 20	8157	16 18	8044	113	19
8068	8056	8065	8076	8073	8063	8060	8068	8059	8079	10 30	8115	17 00	8056	59	20
8087	8078	8079	8083	8079	8079	8079	8077	8075	8090	12 37	8134	0 01	8060	74	21
8113	8109	8100	8083	8084	8063	8081	8070	8099	8099	11 00	8141	21 00	8063	78	22
8111	8087	8087	8081	8078	8065	8069	8077	8079	8093	12 06	8146	21 06	8063	83	23
8098	8092	8093	8090	8087	8087	8084	8084	8081	8096	12 00	8137	0 16	8071	66	24
8111	8102	8096	8086	8085	8081	8080	8081	8079	8102	11 00	8153	24 00	8079	74	25
8058	8031	8001	7993	8020	8034	8036	8029	8031	8074	12 06	8163	18 47	7988	175	26
8110	8083	8084	8086	8088	8086	8082	8079	8076	8088	10 45	8140	1 00	8019	121	27
8100	8094	8092	8092	8088	8086	8083	8080	8078	8098	11 20	8148	0 01	8075	73	28
8108	8098	8101	8097	8095	8091	8091	8088	8090	8101	12 00	8153	2 00	8075	78	29
8101	8095	8105	8110	8107	8105	8101	8087	8085	8109	11 48	8153	23 45	8083	70	30
8111	8103	8098	8095	8093	8090	8089	8089	8089	8108	----------	8162	----------	8074	88	--------
8126	8118	8113	8110	8105	8102	8097	8097	8096	8117	----------	8166	----------	8091	75	--------
8113	8102	8087	8074	8077	8072	8079	8080	8085	8108	----------	8171	----------	8057	114	--------

HOURLY VALUES OF HORIZONTAL INTENSITY.

MAY, 1915.

30000 γ plus tabular quantities.

Day.	1^{h}	2^{h}	3^{h}	4^{h}	5^{h}	6^{h}	7^{h}	8^{h}	9^{h}	10^{h}	11^{h}	12^{h}	13^{h}	14^{h}	15^{h}
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1[b]	8081	8086	8086	8086	8085	8089	8100	8114	8133	8156	8169	8164	8146	8135	8121
2[b]	8086	8084	8071	8076	8087	8071	8078	8087	8097	8111	8105	8103	8099	8077	8083
3	8070	8059	8082	8071	8069	8074	8083	8097	8117	8129	8132	8127	8121	8088	8084
4	8080	8083	8086	8087	8084	8092	8094	8104	8106	8122	8127	8136	8122	8122	8116
5	8080	8082	8080	8080	8078	8084	8090	8099	8114	8121	8127	8136	8137	8133	8118
6	8079	8076	8078	8080	8082	8082	8090	8100	8115	8128	8138	8140	8134	8121	8104
7[a]	8084	8087	8088	8086	8084	8085	8090	8100	8120	8127	8140	8143	8138	8128	8122
8[a]	8090	8088	8087	8092	8089	8087	8094	8097	8115	8124	8131	8136	8133	8125	8118
9	8090	8093	8094	8093	8095	8096	8100	8104	8113	8114	8124	8128	8132	8135	8127
10	8091	8092	8091	8093	8095	8094	8101	8107	8118	8129	8133	8144	8139	8133	8120
11[a]	8098	8096	8095	8093	8090	8088	8095	8096	8105	8116	8128	8137	8131	8113	8093
12	8087	8088	8087	8087	8090	8095	8097	8092	8107	8119	8130	8121	8109	8085	8078
13	8086	8089	8092	8086	8086	8090	8101	8110	8118	8130	8146	8151	8150	8145	8133
14	8089	8081	8082	8090	8092	8100	8106	8116	8127	8144	8139	8137	8135	8136	8130
15	8093	8093	8097	8097	8101	8104	8109	8109	8111	8124	8134	8138	8132	8130	8121
16[b]	8075	8086	8083	8090	8089	8090	8087	8084	8094	8097	8112	8130	8129	8128	8109
17[b]	8082	8116	8093	8089	8080	8071	8074	8085	8085	8079	8092	8096	8094	8088	8062
18	8075	8081	8082	8079	8081	8084	8089	8104	8106	8110	8108	8117	8115	8107	8089
19	8073	8075	8075	8078	8078	8081	8084	8089	8098	8107	8111	8115	8109	8113	8096
20	8085	8094	8091	8089	8087	8083	8093	8092	8093	8100	8091	8100	8082	8078	8077
21	8079	8075	8071	8068	8073	8076	8083	8091	8104	8116	8126	8123	8135	8130	8100
22	8076	8072	8076	8076	8075	8083	8088	8088	8091	8097	8100	8103	8108	8098	8085
23	8078	8081	8080	8081	8078	8080	8094	8101	8108	8117	8131	8128	8128	8124	8114
24	8081	8081	8080	8080	8083	8085	8090	8095	8100	8109	8109	8109	8114	8115	8113
25	8087	8083	8083	8080	8084	8085	8093	8095	8100	8107	8112	8117	8115	8114	8100
26	8097	8087	8083	8082	8078	8075	8084	8094	8105	8114	8126	8134	8132	8127	8114
27[b]	8090	8093	8093	8092	8089	8093	8112	8122	8120	8125	8135	8111	8096	8081	8064
28[a]	8070	8067	8068	8078	8091	8091	8101	8105	8119	8121	8126	8117	8113	8108	8102
29[a]	8079	8081	8083	8081	8085	8091	8101	8109	8123	8135	8148	8149	8141	8130	8121
30	8093	8093	8090	8091	8093	8096	8101	8105	8121	8134	8149	8150	8149	8134	8115
31	8087	8089	8098	8099	8114	8111	8129	8134	8140	8138	8141	8143	8143	8129	8118
Mean	8084	8085	8085	8085	8086	8087	8095	8101	8110	8119	8126	8128	8125	8116	8105
Mean[a]	8084	8084	8034	8086	8088	8088	8096	8101	8116	8125	8135	8136	8131	8121	8111
Mean[b]	8083	8093	8083	8087	8086	8083	8090	8098	8106	8114	8123	8121	8113	8102	8088

JUNE, 1915.

30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8086	8091	8081	8086	8084	8081	8092	8100	8110	8118	8131	8133	8131	8124	8113
2	8087	8087	8087	8087	8087	8090	8101	8107	8118	8129	8141	8139	8135	8128	8115
3[a]	8084	8090	8088	8088	8089	8092	8103	8115	8121	8129	8137	8136	8132	8125	8119
4[a]	8103	8103	8102	8105	8105	8102	8105	8116	8129	8137	8143	8141	8135	8128	8119
5	8100	8101	8101	8099	8098	8099	8103	8116	8119	8128	8130	8133	8137	8128	8123
6	8098	8099	8102	8100	8098	8097	8104	8107	8117	8120	8129	8132	8132	8127	8120
7	8108	8108	8106	8105	8107	8107	8112	8119	8130	8141	8145	8146	8142	8143	8131
8	8113	8116	8114	8117	8128	8124	8142	8150	8165	8169	8167	8147	8150	8145	8113
9	8092	8092	8097	8095	8095	8103	8116	8128	8140	8146	8149	8135	8136	8121	8111
10[a]	8094	8092	8096	8095	8098	8103	8108	8115	8124	8135	8139	8135	8131	8122	8115
11	8102	8102	8105	8104	8101	8102	8109	8112	8117	8125	8130	8129	8129	8123	8115
12[b]	8102	8101	8102	8104	8112	8119	8133	8131	8138	8159	8172	8186	8147	8145	8124
13[b]	8067	8073	8081	8081	8086	8085	8082	8098	8078	8098	8078	8073	8077	8101	8095
14	8080	8077	8077	8084	8081	8087	8091	8100	8103	8108	8115	8106	8116	8103	8103
15	8086	8087	8092	8091	8090	8095	8103	8108	8115	8124	8122	8116	8115	8111	8101
16	8092	8097	8099	8098	8099	8101	8107	8108	8109	8121	8123	8120	8125	8124	8114
17[b]	8072	8077	8084	8083	8083	8087	8094	8102	8112	8141	8158	8180	8165	8111	8084
18[b]	7869	7833	7903	7900	7911	7931	7956	7951	7951	7945	7949	7958	7980	7981	7979
19	7967	7965	7964	7966	7967	7974	7980	7988	8006	8033	8055	8059	8064	8061	8053
20[a]	8031	8033	8032	8035	8034	8035	8047	8049	8063	8074	8082	8080	8064	8055	8047
21	8041	8038	8036	8040	8040	8042	8050	8064	8074	8082	8083	8076	8078	8069	8062
22[b]	8063	8064	8064	8060	8065	8073	8073	8050	8077	8089	8104	8091	8077	8063	8047
23	8055	8062	8052	8052	8050	8054	8046	8072	8081	8096	8102	8104	8102	8092	8099
24	8063	8061	8063	8064	8063	8069	8079	8086	8094	8105	8114	8111	8110	8105	8101
25	8076	8076	8081	8078	8080	8093	8103	8118	8135	8152	8151	8132	8131	8120	8098
26	8072	8075	8075	8072	8071	8079	8093	8107	8110	8125	8121	8128	8114	8105	8100
27	8079	8079	8086	8077	8071	8061	8068	8080	8093	8082	8088	8091	8110	8086	8085
28	8075	8079	8076	8079	8078	8077	8085	8091	8105	8121	8123	8125	8122	8117	8105
29	8078	8082	8082	8084	8082	8088	8095	8091	8093	8102	8104	8109	8105	8106	8098
30[a]	8073	8081	8083	8084	8085	8086	8093	8107	8120	8137	8144	8145	8149	8134	8122
Mean	8070	8072	8074	8074	8075	8078	8086	8093	8102	8112	8118	8117	8115	8107	8097
Mean[a]	8077	8080	8080	8081	8082	8084	8091	8100	8111	8122	8129	8127	8122	8113	8104
Mean[b]	8035	8040	8047	8046	8051	8059	8068	8066	8071	8086	8092	8098	8089	8080	8066

[a] Five international quiet days.

[b] Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

MAY, 1915.

30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8114	8102	8089	8089	8093	8093	8092	8090	8087	8108	11	18	8176	1	00	8081	95	1
8080	8088	8080	8065	8083	8083	8082	8075	8070	8084	10	08	8113	19	18	8063	50	2
8078	8077	8084	8084	8087	8081	8082	8084	8086	8089	10	55	8133	2	00	8059	74	3
8103	8098	8092	8069	8058	8070	8072	8072	8073	8094	11	45	8140	20	00	8058	82	4
8105	8079	8083	8079	8076	8073	8067	8071	8075	8094	12	21	8140	22	00	8067	73	5
8092	8088	8087	8090	8091	8088	8086	8087	8086	8098	11	25	8143	0	01	8074	69	6
8108	8097	8094	8094	8092	8089	8087	8085	8084	8102	11	20	8144	23	50	8083	61	7
8108	8103	8099	8098	8099	8101	8100	8099	8098	8105	12	00	8136	0	01	8084	52	8
8112	8106	8104	8095	8092	8088	8082	8088	8090	8104	14	00	8135	21	40	8080	55	9
8105	8093	8099	8098	8099	8096	8097	8094	8093	8106	11	50	8145	0	01	8090	55	10
8085	8088	8088	8087	8089	8085	8082	8081	8085	8098	12	00	8137	23	00	8081	56	11
8084	8082	8093	8093	8089	8086	8080	8082	8084	8094	11	00	8130	15	36	8071	59	12
8126	8118	8111	8105	8103	8098	8096	8092	8096	8111	12	00	8151	0	01	8084	67	13
8121	8106	8098	8098	8096	8091	8093	8088	8090	8108	10	10	8146	2	00	8081	65	14
8107	8087	8082	8089	8088	8087	8081	8073	8075	8103	11	30	8140	23	00	8073	67	15
8104	8088	8080	8083	8084	8081	8084	8086	8081	8094	12	18	8131	0	08	8074	57	16
8042	8037	8056	8067	8058	8096	8082	8076	8074	8078	2	00	8116	17	06	8033	83	17
8076	8065	8066	8073	8074	8071	8072	8072	8076	8086	12	00	8117	16	54	8062	55	18
8080	8081	8082	8087	8088	8086	8085	8081	8085	8089	12	20	8119	1	22	8070	49	19
8074	8065	8073	8079	8077	8082	8078	8078	8079	8084	10	05	8104	17	03	8064	40	20
8084	8074	8075	8080	8081	8073	8071	8068	8082	8089	11	02	8137	21	25	8066	71	21
8064	8058	8062	8065	8084	8081	8077	8077	8080	8082	12	29	8116	17	30	8056	60	22
8103	8097	8094	8089	8091	8086	8081	8090	8084	8097	11	06	8133	0	32	8076	57	23
8106	8097	8091	8089	8082	8081	8084	8085	8083	8093	9	36	8125	0	20	8079	46	24
8097	8091	8093	8093	8094	8086	8082	8088	8089	8094	11	10	8119	3	33	8077	42	25
8101	8095	8096	8093	8094	8085	8084	8088	8087	8098	12	06	8136	5	32	8073	63	26
8050	8056	8057	8072	8071	8078	8074	8075	8071	8088	10	58	8137	16	33	8046	91	27
8096	8092	8090	8086	8085	8089	8087	8077	8075	8094	10	31	8128	0	15	8057	71	28
8110	8103	8097	8094	8095	8093	8097	8094	8092	8106	11	30	8150	0	01	8076	74	29
8101	8097	8096	8089	8089	8090	8089	8082	8086	8106	11	33	8154	23	00	8082	72	30
8109	8114	8112	8104	8102	8103	8099	8096	8095	8114	13	10	8145	0	01	8086	59	31
8094	8088	8087	8086	8087	8086	8084	8083	8084	8096	----------		8135	----------		8071	64	--------
8101	8097	8094	8092	8092	8091	8091	8087	8087	8101	----------		8139	----------		8076	63	--------
8078	8074	8072	8075	8078	8086	8083	8080	8077	8090	----------		8134	----------		8059	75	--------

JUNE, 1915.

30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8104	8102	8095	8086	8092	8094	8091	8089	8089	8100	11	10	8134	1	24	8079	55	1
8108	8100	8097	8095	8092	8090	8087	8089	8090	8104	11	00	8141	0	01	8086	55	2
8110	8104	8103	8108	8105	8103	8103	8100	8098	8108	10	50	8139	1	00	8084	55	3
8109	8101	8104	8107	8106	8104	8102	8100	8099	8113	11	00	8143	24	00	8099	44	4
8113	8108	8103	8103	8103	8101	8098	8097	8096	8110	13	00	8137	24	00	8096	41	5
8116	8107	8111	8115	8114	8110	8105	8105	8105	8111	11	33	8134	6	00	8097	37	6
8122	8115	8111	8117	8112	8111	8113	8111	8108	8120	10	30	8148	4	00	8105	43	7
8096	8093	8095	8097	8103	8093	8086	8078	8089	8120	9	30	8171	22	28	8076	95	8
8097	8090	8092	8095	8095	8097	8095	8093	8099	8109	10	36	8159	17	30	8088	71	9
8109	8104	8105	8104	8098	8100	8101	8100	8104	8109	11	00	8139	2	00	8092	47	10
8102	8103	8104	8111	8111	8109	8109	8199	8096	8110	11	00	8130	24	00	8096	34	11
8091	8074	8086	8078	8070	8064	8071	8072	8076	8111	12	00	8186	20	38	8057	129	12
8075	8070	8053	8059	8067	8072	8072	8063	8072	8077	14	00	8101	18	20	8044	57	13
8098	8089	8085	8083	8081	8082	8080	8081	8085	8091	11	06	8117	0	01	8073	44	14
8095	8103	8106	8104	8101	8096	8095	8095	8091	8102	10	24	8127	0	01	8085	42	15
8104	8095	8093	8091	8091	8095	8093	8082	8074	8102	10	38	8127	24	00	8074	53	16
8022	7847	7743	7637	7733	7794	7845	7854	7847	7998	12	03	8183	19	10	7635	548	17
7964	7955	7953	7952	7948	7960	7968	7974	7972	7946	13	20	7991	0	20	7819	172	18
8037	8031	8033	8040	8043	8032	8032	8029	8032	8017	12	45	8066	1	15	7960	106	19
8039	8038	8041	8042	8039	8041	8042	8043	8041	8047	11	00	8082	1	00	8031	51	20
8053	8048	8051	8052	8051	8048	8055	8051	8075	8057	11	03	8085	3	00	8036	49	21
8038	8040	8040	8043	8047	8044	8051	8052	8049	8061	11	02	8106	16	06	8028	78	22
8093	8084	8078	8073	8072	8069	8067	8061	8062	8074	11	45	8112	8	00	8046	66	23
8092	8086	8082	8081	8078	8075	8069	8070	8074	8083	10	50	8116	2	00	8061	55	24
8072	8060	8057	8050	8039	8052	8053	8061	8070	8089	9	56	8154	20	05	8037	117	25
8092	8104	8097	8095	8087	8083	8083	8082	8078	8094	12	00	8128	0	01	8070	58	26
8083	8076	8075	8076	8076	8076	8073	8061	8076	8080	13	00	8110	23	00	8061	49	27
8097	8088	8075	8074	8075	8070	8075	8078	8078	8090	10	35	8127	20	36	8068	59	28
8090	8082	8074	8064	8072	8071	8073	8073	8072	8086	12	00	8109	19	36	8060	49	29
8104	8096	8083	8078	8071	8069	8073	8073	8071	8098	11	30	8151	20	30	8068	83	30
8084	8073	8068	8064	8066	8067	8069	8067	8069	8084	----------		8125	----------		8044	81	--------
8094	8089	8087	8088	8084	8083	8084	8083	8083	8095	----------		8131	----------		8075	56	--------
8038	7997	7995	7954	7973	7987	8001	8003	8003	8039	----------		8113	----------		7916	197	--------

HOURLY VALUES OF HORIZONTAL INTENSITY.

JULY, 1915.

30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8077	8076	8075	8078	8077	8081	8092	8100	8118	8124	8135	8137	8126	8120	8108
2[b]	8088	8088	8090	8088	8085	8092	8118	8124	8126	8114	8094	8076	8069	8070	8057
3	8084	8072	8070	8068	8069	8078	8092	8103	8112	8121	8126	8127	8122	8120	8110
4[a]	8080	8076	8076	8073	8076	8079	8085	8095	8114	8120	8128	8120	8115	8108	8100
5	8092	8094	8094	8094	8095	8095	8100	8116	8119	8135	8134	8129	8119	8109	8091
6[b]	8088	8089	8089	8091	8097	8102	8117	8137	8149	8177	8180	8184	8175	8149	8146
7	8083	8082	8084	8085	8082	8089	8099	8108	8119	8128	8139	8134	8136	8131	8117
8	8095	8095	8092	8093	8096	8097	8103	8102	8104	8121	8126	8128	8132	8128	8112
9[b]	8102	8100	8107	8105	8096	8096	8105	8119	8124	8122	8143	8152	8137	8130	8125
10	8085	8087	8084	8091	8079	8100	8097	8106	8114	8132	8143	8140	8130	8128	8123
11[b]	8097	8092	8090	8098	8102	8096	8104	8114	8114	8118	8131	8106	8083	8085	8077
12	8083	8093	8090	8085	8085	8082	8082	8084	8096	8095	8117	8119	8106	8109	8090
13	8076	8079	8081	8081	8084	8092	8091	8099	8116	8129	8133	8128	8123	8118	8109
14	8097	8095	8096	8097	8096	8094	8099	8108	8123	8129	8132	8139	8132	8131	8115
15[a]	8094	8098	8099	8097	8095	8099	8106	8117	8131	8135	8141	8136	8128	8124	8114
16[a]	8092	8092	8094	8094	8030	8096	8116	8124	8143	8146	8156	8153	8150	8140	8129
17[a]	8098	8094	8095	8094	8093	8098	8109	8116	8127	8137	8146	8142	8133	8127	8115
18	8100	8101	8098	8096	8095	8100	8112	8126	8146	8162	8163	8157	8150	8133	8125
19	8105	8102	8101	8104	8104	8104	8109	8121	8137	8146	8154	8149	8150	8139	8124
20	8084	8090	8090	8090	8094	8099	8111	8121	8141	8152	8157	8152	8142	8127	8119
21	8099	8098	8105	8105	8105	8105	8112	8120	8136	8148	8146	8149	8154	8142	8133
22	8114	8114	8118	8116	8115	8107	8117	8121	8132	8145	8158	8167	8168	8140	8125
23	8104	8101	8101	8100	8093	8098	8107	8106	8122	8132	8132	8129	8127	8120	8108
24[a]	8096	8094	8099	8099	8102	8103	8120	8133	8143	8153	8159	8156	8147	8132	8124
25	8098	8098	8096	8102	8103	8113	8128	8132	8127	8141	8141	8133	8132	8118	8103
26	8096	8101	8102	8102	8102	8110	8127	8136	8146	8159	8145	8157	8140	8126	8114
27[b]	8097	8084	8086	8093	8093	8110	8114	8129	8130	8118	8096	8101	8103	8096	8097
28	8060	8068	8063	8064	8069	8078	8087	8094	8106	8114	8113	8111	8102	8093	8083
29	8070	8075	8077	8075	8075	8081	8087	8105	8115	8127	8128	8127	8118	8103	8093
30	8099	8096	8084	8102	8096	8099	8114	8123	8128	8134	8147	8141	8122	8106	8100
31	8072	8073	8074	8074	8073	8079	8091	8106	8119	8128	8136	8135	8125	8114	8096
Mean	8090	8090	8090	8091	8091	8095	8105	8114	8125	8134	8138	8136	8129	8120	8109
Mean[a]	8092	8091	8093	8091	8091	8095	8107	8117	8132	8138	8146	8141	8135	8126	8116
Mean[b]	8094	8091	8092	8095	8095	8099	8112	8125	8129	8130	8129	8124	8113	8106	8100

AUGUST, 1915.

30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8078	8074	8074	8078	8080	8086	8089	8102	8109	8121	8128	8131	8128	8117	8104
2[b]	8075	8077	8074	8074	8081	8090	8090	8103	8107	8108	8130	8102	8090	8076	8064
3	8065	8068	8074	8076	8075	8081	8078	8088	8098	8109	8105	8118	8121	8113	8095
4	8063	8073	8070	8070	8067	8059	8068	8074	8087	8095	8106	8120	8115	8099	8072
5[a]	8069	8069	8066	8066	8068	8076	8083	8093	8105	8121	8132	8134	8137	8119	8099
6	8069	8070	8071	8071	8071	8074	8076	8089	8102	8112	8126	8126	8118	8106	8091
7[b]	8078	8076	8076	8089	8088	8078	8079	8085	8082	8075	8048	8059	8051	8059	8063
8	8061	8052	8063	8067	8058	8068	8076	8083	8095	8104	8112	8108	8107	8107	8090
9	8061	8060	8069	8076	8077	8084	8088	8093	8095	8112	8123	8119	8116	8108	8098
10	8068	8066	8073	8072	8073	8080	8090	8100	8117	8118	8118	8115	8099	8089	8085
11	8071	8068	8070	8066	8066	8059	8068	8076	8087	8096	8093	8083	8079	8083	8064
12	8051	8051	8057	8056	8057	8066	8077	8098	8110	8120	8120	8124	8119	8108	8097
13[a]	8053	8049	8053	8054	8056	8064	8081	8088	8094	8107	8116	8116	8110	8101	8088
14[a]	8064	8065	8063	8065	8067	8072	8074	8080	8091	8094	8112	8116	8110	8098	8093
15[a]	8063	8068	8070	8064	8066	8069	8076	8086	8098	8116	8117	8118	8117	8110	8101
16	8070	8073	8073	8072	8071	8080	8089	8099	8105	8118	8122	8124	8126	8118	8104
17	8084	8080	8083	8087	8090	8096	8109	8122	8138	8153	8162	8159	8138	8114	8119
18	8060	8061	8068	8077	8078	8084	8093	8093	8111	8112	8112	8120	8123	8117	8103
19	8065	8069	8070	8071	8078	8076	8077	8090	8101	8120	8123	8128	8120	8110	8111
20	8062	8063	8063	8065	8069	8069	8073	8080	8111	8112	8123	8125	8118	8110	8106
21	8067	8065	8063	8062	8059	8064	8066	8074	8086	8102	8108	8111	8106	8098	8086
22	8069	8070	8071	8070	8072	8085	8084	8084	8077	8095	8103	8093	8083	8082	8078
23	8073	8072	8066	8066	8074	8067	8074	8075	8085	8094	8101	8097	8088	8089	8079
24[a]	8071	8073	8072	8073	8074	8083	8100	8109	8125	8136	8132	8114	8097	8094	8079
25	8061	8065	8068	8072	8074	8073	8085	8092	8111	8117	8125	8131	8128	8126	8112
26[b]	8078	8072	8067	8085	8091	8092	8080	8059	8046	8028	8028	8013	8026	8053	8064
27[b]	8041	8040	8048	8042	8055	8050	8049	8048	8056	8078	8082	8087	8066	8074	8076
28	8049	8050	8056	8056	8056	8062	8070	8087	8094	8098	8102	8103	8083	8064	8064
29[b]	8058	8056	8055	8057	8058	8063	8070	8080	8088	8098	8106	8110	8103	8105	8091
30	8037	8044	8071	8065	8063	8066	8063	8074	8084	8097	8094	8093	8083	8077	8065
31	8064	8059	8064	8061	8060	8058	8068	8080	8100	8115	8118	8119	8118	8102	8083
Mean	8064	8064	8067	8069	8070	8073	8079	8087	8097	8106	8111	8110	8104	8098	8088
Mean[a]	8064	8065	8065	8064	8066	8073	8083	8091	8103	8115	8122	8120	8114	8104	8092
Mean[b]	8066	8064	8064	8069	8075	8075	8074	8075	8076	8077	8079	8074	8067	8073	8072

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[a] Five international quiet days.

[b] Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

JULY, 1915.

30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8099	8095	8089	8090	8087	8086	8086	8084	8085	8097	12 00	8137	0 01	8072	65	1
8062	8072	8075	8076	8078	8079	8082	8075	8083	8086	8 30	8128	14 57	8055	73	2
8108	8101	8096	8078	8075	8079	8074	8074	8078	8093	12 00	8127	3 21	8066	61	3
8094	8087	8088	8092	8091	8092	8089	8089	8090	8094	10 24	8130	4 00	8073	57	4
8080	8072	8068	8070	8075	8073	8083	8086	8085	8096	11 00	8134	18 00	8068	66	5
8137	8101	8084	8083	8077	8073	8081	8082	8083	8115	11 18	8188	20 36	8071	117	6
8104	8097	8098	8096	8093	8093	8096	8090	8092	8103	11 00	8139	0 06	8081	58	7
8123	8104	8097	8095	8096	8098	8107	8103	8104	8106	12 40	8134	3 00	8092	42	8
8118	8112	8104	8102	8102	8092	8098	8088	8083	8111	11 55	8155	24 00	8083	72	9
8109	8109	8102	8099	8100	8095	8092	8089	8087	8105	10 54	8145	0 01	8083	62	10
8080	8078	8073	8081	8084	8077	8080	8083	8084	8093	11 20	8132	18 00	8073	59	11
8081	8058	8070	8061	8056	8061	8080	8069	8076	8084	11 30	8121	19 40	8054	67	12
8100	8099	8096	8095	8095	8092	8095	8096	8098	8100	10 40	8136	0 21	8075	61	13
8109	8104	8099	8099	8095	8095	8097	8098	8095	8107	11 27	8141	20 40	8093	48	14
8106	8104	8098	8097	8095	8091	8092	8091	8092	8108	11 00	8141	20 36	8089	52	15
8106	8103	8101	8099	8098	8096	8099	8097	8098	8113	11 00	8156	5 15	8089	67	16
8108	8101	8100	8100	8100	8099	8099	8101	8102	8110	10 36	8148	8 06	8092	56	17
8119	8110	8109	8109	8108	8108	8108	8107	8108	8119	10 36	8165	5 00	8095	70	18
8112	8107	8103	8097	8094	8091	8091	8089	8088	8113	11 00	8154	21 40	8086	68	19
8113	8123	8098	8099	8099	8098	8096	8099	8099	8112	10 35	8158	1 00	8084	74	20
8114	8110	8110	8109	8106	8105	8105	8104	8109	8118	10 35	8156	2 00	8098	58	21
8120	8122	8115	8116	8117	8112	8113	8116	8105	8125	13 00	8168	23 40	8100	68	22
8097	8095	8096	8102	8106	8105	8103	8104	8101	8108	11 24	8134	4 30	8091	43	23
8113	8112	8107	8099	8097	8094	8094	8096	8099	8115	10 33	8160	0 50	8092	68	24
8100	8107	8104	8096	8091	8090	8093	8093	8095	8110	10 20	8144	21 06	8088	56	25
8103	8096	8095	8084	8086	8091	8092	8091	8091	8112	9 50	8160	19 00	8084	76	26
8075	8086	8079	8086	8069	8053	8059	8074	8072	8092	8 50	8132	21 00	8053	79	27
8075	8074	8074	8074	8071	8072	8069	8069	8069	8081	10 35	8116	1 00	8060	56	28
8085	8082	8082	8085	8093	8094	8093	8091	8096	8094	10 24	8132	0 01	8069	63	29
8095	8090	8082	8074	8074	8069	8068	8070	8069	8099	11 12	8152	22 15	8066	86	30
8084	8083	8084	8083	8079	8079	8076	8077	8080	8092	12 03	8137	0 01	8069	68	31
8101	8097	8093	8091	8090	8088	8090	8090	8090	8104	----------	8144	----------	8079	65	--------
8105	8101	8099	8097	8096	8094	8095	8095	8096	8108	----------	8147	----------	8087	60	--------
8094	8090	8083	8086	8082	8075	8080	8080	8081	8099	----------	8147	----------	8067	80	--------

AUGUST, 1915.

30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8082	8073	8059	8072	8079	8067	8070	8071	8071	8089	12 00	8131	17 40	8055	76	1
8053	8035	8017	8034	8033	8045	8050	8053	8060	8072	11 00	8130	18 03	8016	114	2
8081	8076	8067	8060	8060	8066	8069	8063	8064	8082	11 30	8123	19 40	8058	65	3
8060	8071	8075	8076	8062	8063	8068	8067	8068	8077	12 06	8122	5 58	8057	65	4
8088	8080	8071	8071	8071	8065	8063	8068	8068	8087	12 45	8138	22 00	8063	75	5
8078	8071	8072	8075	8078	8078	8077	8082	8081	8086	11 06	8128	0 01	8068	60	6
8065	8045	8039	8046	8047	8051	8048	8047	8045	8063	5 28	8092	17 50	8037	55	7
8082	8075	8073	8068	8065	8061	8057	8060	8062	8077	10 15	8118	0 01	8046	72	8
8087	8079	8077	8032	8075	8075	8072	8071	8069	8086	10 50	8125	2 00	8060	65	9
8087	8093	8087	8077	8069	8065	8074	8065	8068	8085	10 20	8125	22 58	8064	61	10
8075	8073	8065	8061	8061	8064	8066	8057	8056	8071	10 00	8096	24 00	8056	40	11
8086	8078	8069	8065	8053	8054	8060	8058	8057	8079	11 28	8126	2 10	8050	76	12
8080	8073	8068	8068	8065	8065	8065	8063	8063	8077	12 10	8118	2 10	8047	71	13
8088	8083	8084	8032	8078	8076	8073	8072	8070	8082	12 00	8116	0 04	8062	54	14
8093	8088	8082	8078	8075	8072	8072	8072	8074	8085	11 10	8120	1 24	8062	58	15
8096	8088	8084	8084	8081	8081	8078	8078	8082	8092	13 00	8126	0 30	8068	58	16
8098	8070	8064	8052	8064	8065	8065	8055	8055	8097	11 00	8162	19 00	8052	110	17
8091	8089	8073	8071	8074	8074	8073	8071	8072	8088	13 20	8126	0 01	8055	71	18
8089	8062	8058	8066	8065	8065	8063	8066	8065	8084	14 03	8136	18 20	8054	82	19
8089	8082	8068	8076	8075	8069	8072	8071	8068	8084	10 38	8129	1 00	8062	67	20
8074	8065	8066	8078	8077	8074	8075	8075	8076	8078	12 00	8111	1 06	8057	54	21
8070	8069	8069	8071	8073	8070	8070	8067	8066	8077	11 00	8103	24 00	8066	37	22
8079	8073	8066	8067	8069	8066	8067	8074	8074	8076	11 40	8105	2 40	8062	43	23
8067	8065	8064	8067	8067	8066	8063	8062	8063	8084	10 20	8138	23 00	8062	76	24
8099	8087	8080	8080	8075	8077	8077	8079	8082	8091	12 10	8132	1 00	8061	71	25
8040	8048	8046	8035	8040	8038	8035	8047	8040	8052	5 45	8096	11 58	8012	84	26
8072	8060	8046	8038	8047	8046	8038	8055	8055	8056	10 15	8093	18 38	8033	60	27
8057	8058	8064	8062	8069	8064	8059	8061	8060	8069	11 08	8104	1 00	8049	55	28
8074	8049	8044	8047	8040	8066	8040	8024	8039	8068	11 20	8112	10 58	8023	89	29
8067	8056	8062	8063	8061	8063	8049	8049	8054	8067	10 50	8099	0 30	8036	63	30
8073	8069	8069	8062	8058	8052	8049	8068	8061	8076	10 10	8121	21 35	8046	75	31
8078	8070	8065	8066	8065	8065	8063	8064	8064	8079	----------	8119	----------	8051	68	--------
8083	8078	8074	8073	8071	8069	8067	8067	8068	8083	----------	8126	----------	8059	67	--------
8061	8047	8038	8040	8041	8049	8042	8045	8048	8062	----------	8104	----------	8024	80	--------

HOURLY VALUES OF HORIZONTAL INTENSITY.

SEPTEMBER, 1915.

30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8059	8059	8059	8061	8062	8070	8078	8086	8094	8113	8116	8122	8121	8111	8102
2	8058	8057	8055	8055	8058	8058	8065	8084	8106	8121	8115	8109	8103	8092	8078
3	8050	8051	8055	8056	8059	8062	8066	8080	8100	8112	8109	8104	8101	8098	8089
4	8070	8063	8061	8068	8062	8067	8077	8088	8101	8121	8122	8115	8110	8106	8094
5	8071	8069	8068	8069	8069	8072	8073	8086	8098	8109	8111	8112	8114	8105	8111
6	8049	8051	8056	8058	8061	8064	8069	8081	8110	8130	8131	8122	8108	8097	8087
7[a]	8065	8068	8067	8066	8066	8073	8080	8100	8117	8126	8128	8123	8120	8115	8105
8[a]	8063	8060	8060	8059	8058	8065	8073	8080	8089	8105	8115	8115	8112	8106	8099
9	8074	8071	8069	8069	8071	8077	8082	8091	8109	8116	8118	8119	8106	8104	8095
10	8071	8076	8068	8070	8078	8080	8087	8103	8126	8114	8112	8105	8101	8085	8069
11	8050	8053	8049	8053	8055	8060	8071	8078	8096	8108	8109	8105	8082	8075	8070
12	8052	8053	8054	8057	8060	8067	8070	8083	8106	8116	8125	8125	8116	8098	8091
13	8063	8068	8062	8062	8069	8073	8079	8088	8101	8113	8118	8120	8118	8108	8090
14	8047	8046	8046	8051	8054	8060	8060	8065	8083	8088	8095	8093	8092	8085	8079
15	8050	8058	8056	8058	8063	8064	8071	8086	8094	8106	8116	8110	8107	8102	8088
16	8068	8067	8065	8066	8067	8067	8068	8082	8089	8106	8113	8116	8119	8106	8099
17	8046	8047	8062	8066	8063	8059	8056	8055	8066	8074	8084	8092	8089	8076	8067
18[a]	8022	8027	8028	8036	8035	8033	8030	8041	8050	8057	8069	8086	8080	8072	8063
19[a]	8060	8060	8064	8055	8057	8062	8064	8071	8087	8106	8124	8126	8114	8100	8081
20[a]	8048	8054	8056	8057	8057	8058	8065	8065	8087	8107	8110	8111	8104	8089	8073
21	8069	8070	8071	8070	8068	8070	8073	8073	8086	8112	8129	8129	8129	8110	8095
22[b]	8045	8048	8055	8058	8062	8064	8069	8087	8109	8119	8130	8130	8131	8119	8094
23[b]	8024	8030	8029	8043	8039	8038	8041	8048	8051	8074	8067	8067	8057	8038	8023
24[b]	8042	8069	8054	8055	8052	8050	8067	8068	8082	8097	8079	8081	8078	8052	8036
25	8049	8050	8045	8046	8049	8050	8058	8070	8079	8089	8093	8083	8077	8064	8056
26	8065	8059	8061	8066	8064	8057	8057	8064	8066	8084	8096	8084	8075	8078	8065
27	8060	8059	8057	8054	8059	8059	8059	8062	8062	8081	8096	8099	8096	8070	8041
28[b]	8067	8061	8065	8060	8055	8057	8062	8075	8087	8094	8094	8088	8081	8082	8069
29[b]	8051	8068	8060	8052	8063	8050	8054	8046	8046	8054	8067	8064	8065	8060	8058
30	8050	8048	8055	8054	8061	8058	8061	8082	8089	8093	8097	8086	8069	8045	8023
Mean	8055	8057	8057	8058	8060	8061	8066	8076	8089	8102	8106	8105	8099	8088	8076
Mean[a]	8052	8054	8055	8055	8055	8058	8062	8071	8086	8100	8109	8112	8106	8096	8084
Mean[b]	8046	8055	8053	8054	8054	8052	8059	8065	8075	8088	8087	8086	8082	8070	8056

OCTOBER, 1915.

30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8053	8043	8042	8044	8040	8051	8044	8049	8063	8080	8093	8106	8104	8093	8068
2[a]	8064	8067	8065	8067	8061	8052	8050	8056	8068	8088	8104	8108	8106	8099	8090
3	8080	8080	8079	8077	8075	8073	8080	8089	8101	8123	8141	8145	8132	8129	8118
4	8072	8072	8078	8080	8078	8073	8071	8075	8082	8090	8105	8111	8113	8113	8103
5[a]	8078	8082	8081	8082	8083	8085	8088	8089	8103	8117	8132	8137	8134	8126	8112
6	8082	8079	8080	8081	8085	8082	8081	8086	8089	8110	8128	8137	8128	8122	8107
7	8082	8083	8083	8081	8083	8084	8087	8082	8089	8107	8125	8130	8129	8110	8109
8	8095	8093	8094	8093	8089	8088	8088	8091	8114	8128	8144	8146	8140	8128	8114
9[a]	8096	8095	8093	8093	8094	8090	8087	8096	8107	8126	8149	8152	8143	8129	8112
10	8098	8095	8096	8095	8097	8098	8103	8111	8123	8134	8152	8161	8154	8146	8135
11	8088	8085	8093	8086	8096	8089	8083	8091	8101	8120	8138	8142	8136	8114	8101
12	8075	8074	8077	8076	8074	8072	8077	8081	8094	8111	8124	8123	8119	8114	8102
13	8086	8087	8086	8085	8084	8084	8087	8093	8107	8122	8139	8140	8134	8118	8112
14	8098	8096	8092	8091	8092	8091	8088	8096	8108	8129	8150	8153	8140	8130	8118
15[b]	8038	8031	8067	8054	8059	8072	8079	8090	8097	8117	8094	8071	8052	8020	8009
16	8043	8046	8044	8052	8031	8056	8050	8047	8042	8051	8062	8067	8049	8064	8061
17	8064	8062	8065	8065	8061	8049	8074	8074	8103	8122	8133	8131	8105	8099	8088
18[a]	8067	8063	8066	8067	8066	8068	8074	8080	8097	8122	8123	8142	8130	8111	8099
19[b]	8076	8074	8078	8078	8079	8081	8085	8093	8114	8142	8163	8167	8158	8143	8104
20	8039	8049	8055	8065	8041	8044	8053	8066	8081	8094	8104	8109	8074	8058	8082
21	8054	8062	8065	8062	8061	8058	8059	8068	8080	8090	8091	8087	8073	8074	8071
22	8063	8073	8072	8063	8064	8063	8066	8070	8077	8091	8100	8103	8090	8087	8085
23[b]	8031	8051	8064	8057	8054	8053	8060	8049	8065	8071	8078	8067	8083	8068	8035
24[b]	8007	8055	8038	8042	8044	8050	8042	8058	8046	8037	8051	8044	8029	8040	8046
25[b]	8059	8043	8046	8049	8053	8047	8053	8048	8071	8081	8085	8030	8054	8022	8007
26	8011	8040	8047	8031	8027	8040	8048	8056	8065	8078	8086	8080	8076	8063	8062
27	8052	8052	8063	8060	8054	8054	8063	8066	8078	8092	8102	8111	8107	8101	8088
28	8060	8068	8067	8068	8062	8062	8061	8071	8080	8082	8101	8095	8087	8083	8082
29[a]	8065	8064	8073	8067	8071	8061	8064	8067	8079	8099	8112	8127	8113	8094	8081
30	8069	8072	8073	8078	8080	8078	8073	8087	8102	8120	8127	8129	8123	8112	8100
31	8083	8087	8081	8090	8089	8088	8080	8087	8097	8096	8109	8111	8106	8095	8087
Mean	8065	8068	8071	8070	8069	8069	8071	8076	8088	8102	8114	8117	8107	8097	8087
Mean[a]	8074	8074	8076	8075	8075	8071	8073	8078	8091	8110	8124	8133	8125	8112	8099
Mean[b]	8042	8051	8059	8056	8058	8061	8064	8068	8079	8090	8094	8030	8075	8059	8040

[a] Five international quiet days.

[b] Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

SEPTEMBER, 1915.

30000 γ plus tabular quantities.

16^{h}	17^{h}	18^{h}	19^{h}	20^{h}	21^{h}	22^{h}	23^{h}	24^{h}	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8089	8076	8068	8064	8062	8060	8058	8056	8054	8079	12 00	8122	24 00	8054	68	1
8063	8057	8054	8050	8060	8046	8051	8046	8049	8070	10 27	8123	21 38	8043	80	2
8076	8069	8068	8065	8070	8071	8070	8070	8069	8076	10 00	8112	0 01	8049	63	3
8091	8087	8080	8076	8073	8073	8071	8074	8070	8084	10 15	8125	3 00	8061	64	4
8108	8107	8075	8056	8030	8035	8043	8043	8052	8079	13 00	8114	20 00	8030	84	5
8080	8079	8075	8071	8069	8066	8065	8065	8065	8080	11 00	8131	0 55	8048	83	6
8090	8076	8060	8061	8063	8067	8066	8064	8063	8085	10 50	8130	18 20	8056	74	7
8089	8082	8077	8070	8074	8073	8073	8078	8075	8081	11 04	8116	5 00	8058	58	8
8087	8081	8079	8078	8076	8074	8074	8073	8076	8086	11 45	8120	2 55	8068	52	9
8051	8047	8054	8057	8061	8051	8058	8057	8054	8076	9 00	8126	16 40	8043	83	10
8069	8069	8064	8062	8062	8061	8057	8058	8054	8070	10 45	8115	1 30	8046	69	11
8085	8081	8077	8073	8070	8067	8064	8056	8060	8079	11 18	8127	1 30	8048	79	12
8081	8080	8082	8071	8069	8057	8046	8034	8037	8079	11 00	8120	22 30	8032	88	13
8070	8066	8062	8062	8057	8056	8051	8051	8052	8065	12 36	8097	0 01	8037	60	14
8084	8079	8071	8064	8066	8065	8058	8054	8070	8077	11 00	8116	1 00	8050	66	15
8082	8076	8076	8074	8066	8049	8039	8022	8039	8076	11 15	8121	23 37	8020	101	16
8050	8032	8003	7984	7989	7972	8012	8015	8020	8045	12 06	8094	20 50	7962	132	17
8058	8053	8050	8050	8050	8048	8051	8054	8055	8050	12 00	8086	0 01	8020	66	18
8067	8057	8060	8050	8050	8050	8050	8046	8047	8071	11 45	8128	23 00	8046	82	19
8069	8072	8074	8070	8066	8065	8067	8067	8065	8073	12 00	8111	0 01	8047	64	20
8079	8072	8071	8070	8066	8065	8062	8048	8045	8080	11 40	8131	23 30	8042	89	21
8064	8045	8047	8052	8054	8050	8030	8012	8035	8071	11 15	8134	23 30	8006	128	22
8030	8028	8030	8033	8025	8051	8034	8039	8034	8041	10 18	8094	19 30	8013	81	23
8031	8034	8043	8045	8048	8048	8046	8066	8055	8057	10 00	8097	16 36	8021	76	24
8058	8051	8063	8048	8042	8054	8042	8048	8049	8059	10 40	8098	19 50	8032	66	25
8075	8062	8071	8057	8058	8055	8066	8055	8059	8067	11 00	8096	0 01	8049	47	26
8031	8037	8054	8059	8059	8046	8046	8049	8086	8062	11 10	8102	16 28	8023	79	27
8046	8029	8036	8041	8048	8043	8047	8071	8061	8063	10 40	8098	17 06	8026	72	28
8051	8054	8047	8039	8041	8040	8037	8064	8052	8053	11 10	8078	19 10	8033	45	29
8013	8018	8025	8019	8017	8014	8014	8016	8032	8047	9 36	8101	17 40	8015	86	30
8067	8062	8060	8056	8055	8052	8052	8052	8054	8069	----------	8112	----------	8036	76	--------
8075	8068	8064	8060	8061	8061	8061	8062	8061	8072	----------	8114	----------	8045	69	--------
8044	8038	8041	8042	8043	8046	8039	8050	8047	8057	----------	8100	----------	8020	80	--------

OCTOBER, 1915.

30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8048	8034	8023	8033	8044	8050	8071	8060	8065	8058	11 51	8108	18 15	8021	87	1
8094	8101	8106	8097	8085	8083	8081	8081	8080	8081	11 51	8110	6 42	8048	62	2
8100	8092	8087	8087	8084	8079	8083	8078	8081	8096	12 12	8147	6 00	8073	74	3
8095	8089	8083	8077	8081	8073	8076	8076	8080	8085	11 40	8116	6 24	8067	49	4
8101	8096	8094	8087	8086	8082	8082	8082	8084	8097	12 00	8137	1 00	8078	59	5
8097	8096	8093	8085	8085	8081	8081	8083	8080	8094	11 54	8139	2 00	8079	60	6
8109	8105	8099	8098	8096	8094	8085	8080	8089	8097	12 12	8132	23 10	8079	53	7
8107	8102	8101	8097	8099	8095	8094	8093	8095	8105	11 36	8150	5 15	8086	64	8
8103	8100	8096	8097	8098	8093	8094	8095	8096	8106	12 00	8152	7 00	8087	65	9
8123	8117	8108	8107	8099	8089	8084	8078	8094	8112	12 00	8161	22 42	8076	85	10
8096	8095	8083	8070	8060	8075	8064	8067	8072	8094	11 34	8147	20 10	8057	90	11
8092	8092	8084	8086	8092	8093	8090	8090	8087	8092	11 25	8126	6 00	8072	54	12
8104	8103	8102	8104	8100	8098	8096	8097	8094	8103	12 00	8140	5 30	8083	57	13
8101	8094	8093	8088	8076	8059	8074	8044	8024	8097	12 15	8155	23 30	8009	146	14
8005	7994	7975	7965	7957	7961	7958	7994	8011	8032	10 12	8129	20 20	7953	176	15
8057	8051	8052	8062	8063	8059	8067	8065	8065	8054	12 13	8085	0 27	8016	69	16
8078	8072	8062	8060	8063	8068	8068	8065	8065	8079	11 12	8148	5 50	8047	101	17
8089	8081	8080	8078	8075	8072	8070	8072	8073	8086	12 00	8142	2 00	8063	79	18
8065	8066	8065	8066	8043	8051	8056	8046	8049	8089	12 00	8167	20 20	8032	135	19
8058	8028	8009	8008	8040	8051	8050	8067	8057	8058	12 10	8112	18 50	8006	106	20
8064	8863	8046	8064	8062	8058	8062	8062	8065	8067	11 15	8096	17 55	8044	52	21
8077	8069	8067	8066	8049	8036	8036	8035	8037	8068	12 00	8103	21 20	8031	72	22
8021	8020	8016	8030	8017	8026	8015	8040	8043	8047	12 30	8093	21 28	7983	110	23
8042	8039	8029	8038	8031	8033	8043	8061	8064	8042	24 00	8064	0 50	8004	60	24
8014	7992	8000	8019	8020	7994	7998	8005	8010	8035	11 10	8087	16 45	7990	97	25
8051	8056	8059	8046	8039	8030	8057	8054	8051	8052	10 45	8095	0 40	8006	89	26
8075	8071	8068	8062	8057	8059	8054	8057	8053	8071	11 24	8113	0 20	8047	66	27
8075	8075	8073	8077	8075	8073	8073	8070	8073	8075	11 00	8101	0 10	8056	45	28
8071	8070	8069	8065	8062	8063	8071	8067	8065	8077	11 45	8128	6 20	8059	69	29
8107	8104	8101	8096	8089	8091	8085	8083	8073	8094	11 36	8133	0 36	8066	67	30
8079	8086	8086	8085	8086	8087	8080	8082	8085	8089	12 00	8111	0 16	8070	41	31
8077	8073	8068	8068	8065	8063	8064	8065	8066	8078	----------	8123	----------	8045	78	--------
8592	8090	8089	8085	8081	8079	8080	8079	8080	8089	----------	8134	----------	8067	67	--------
8029	8022	8017	8024	8014	8013	8014	8029	8035	8049	----------	8108	----------	7992	116	--------

HOURLY VALUES OF HORIZONTAL INTENSITY.

NOVEMBER, 1915.

30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1[b]	8082	8080	8079	8087	8092	8087	8072	8081	8089	8092	8107	8111	8090	8081	8077
2	7993	7998	8000	8013	8026	8037	8036	8045	8059	8068	8072	8074	8070	8072	8065
3[a]	8043	8046	8046	8055	8051	8048	8054	8057	8066	8078	8083	8085	8083	8082	8073
4[a]	8056	8073	8065	8066	8063	8061	8062	8070	8086	8103	8109	8103	8097	8088	8085
5[b]	8060	8057	8054	8057	8061	8064	8064	8074	8088	8105	8116	8116	8109	8102	8096
6[b]	8083	8066	8050	8068	8064	8071	8068	8053	8103	8103	8083	8085	8025	8046	8009
7	7998	8035	8023	8019	8025	8025	8025	8039	8047	8065	8068	8073	8053	8055	8053
8	8035	8038	8044	8052	8048	8046	8047	8048	8055	8066	8071	8080	8075	8069	8054
9	8067	8048	8046	8044	8045	8046	8057	8066	8074	8078	8088	8083	8079	8073	8065
10	8047	8050	8051	8053	8057	8053	8056	8057	8073	8085	8095	8094	8087	8104	8093
11	8050	8054	8058	8059	8062	8059	8065	8073	8083	8094	8104	8103	8098	8084	8072
12	8047	8057	8049	8050	8054	8051	8063	8070	8075	8085	8097	8097	8091	8081	8075
13	8065	8077	8072	8070	8072	8068	8067	8064	8072	8086	8097	8110	8107	8093	8085
14[a]	8057	8063	8065	8068	8071	8072	8075	8082	8090	8100	8106	8107	8101	8093	8084
15	8076	8075	8075	8076	8074	8073	8074	8077	8094	8105	8113	8112	8108	8103	8100
16[b]	8086	8074	8086	8069	8076	8064	8091	8069	8081	8099	8081	8094	8074	8040	8025
17[b]	8033	8038	8039	8059	8054	8056	8065	8068	8087	8091	8066	8060	8050	8026	8006
18	8043	8051	8056	8067	8070	8068	8077	8084	8066	8062	8076	8080	8080	8068	8034
19	8041	8038	8050	8048	8059	8059	8059	8050	8060	8072	8085	8081	8075	8065	8037
20	8068	8047	8043	8042	8041	8043	8044	8059	8063	8077	8089	8090	8081	8065	8063
21	8059	8059	8064	8065	8064	8056	8057	8063	8067	8072	8076	8078	8072	8064	8057
22	8062	8063	8054	8057	8059	8063	8066	8076	8073	8090	8097	8097	8095	8091	8072
23	8063	8056	8059	8066	8067	8065	8065	8072	8077	8089	8094	8095	8080	8068	8062
24	8062	8063	8059	8059	8059	8059	8064	8069	8084	8102	8114	8116	8109	8097	8085
25	8067	8070	8067	8066	8065	8064	8070	8074	8087	8099	8106	8111	8114	8106	8095
26	8075	8070	8074	8074	8078	8082	8088	8100	8109	8124	8133	8127	8123	8101	8093
27	8069	8070	8069	8066	8070	8069	8075	8082	8090	8101	8110	8111	8107	8108	8094
28	8077	8081	8085	8077	8078	8059	8060	8070	8079	8077	8080	8073	8085	8077	8067
29[a]	8072	8077	8074	8074	8077	8076	8079	8085	8089	8102	8112	8107	8097	8089	8083
30[a]	8062	8063	8063	8068	8068	8070	8076	8084	8098	8110	8108	8112	8097	8088	8082
Mean	8057	8058	8057	8060	8062	8060	8064	8069	8079	8089	8095	8096	8087	8079	8068
Mean[a]	8058	8064	8063	8066	8066	8065	8069	8076	8086	8099	8104	8103	8095	8088	8081
Mean[b]	8069	8063	8062	8068	8069	8068	8072	8069	8090	8098	8091	8093	8070	8059	8043

DECEMBER, 1915.

30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1[a]	8078	8075	8079	8078	8079	8076	8081	8092	8097	8114	8122	8127	8120	8112	8102
2	8077	8078	8077	8073	8076	8077	8084	8092	8102	8110	8105	8099	8096	8095	8098
3	8079	8083	8086	8086	8079	8079	8075	8082	8088	8098	8105	8098	8089	8086	8079
4	8067	8073	8072	8069	8071	8071	8076	8079	8084	8090	8105	8106	8100	8093	8086
5[a]	8073	8076	8074	8074	8074	8074	8080	8089	8100	8106	8109	8108	8105	8100	8093
6[b]	8069	8073	8073	8076	8077	8083	8085	8087	8092	8100	8096	8096	8090	8086	8087
7[b]	7985	8045	8005	8009	8011	8017	8031	8033	8032	8046	8045	8035	8037	8027	8024
8	8028	8030	8032	8034	8036	8040	8042	8039	8048	8052	8064	8070	8064	8056	8051
9	8039	8040	8040	8040	8042	8045	8047	8056	8070	8079	8085	8095	8095	8079	8067
10	8052	8056	8052	8072	8066	8063	8068	8080	8097	8109	8114	8117	8112	8105	8093
11	8064	8067	8064	8060	8057	8060	8056	8064	8068	8075	8083	8082	8077	8068	8064
12	8046	8062	8058	8054	8049	8056	8044	8052	8067	8073	8069	8062	8055	8050	8044
13	8055	8056	8058	8059	8061	8063	8063	8076	8087	8098	8096	8098	8092	8080	8075
14	8060	8059	8064	8063	8065	8067	8076	8088	8099	8112	8119	8118	8110	8097	8080
15[b]	8055	8042	8048	8055	8059	8059	8069	8070	8080	8092	8102	8101	8090	8076	8063
16[b]	8039	8045	8038	8033	8037	8041	8048	8061	8075	8089	8099	8085	8071	8065	8055
17	8051	8052	8052	8055	8058	8061	8063	8067	8073	8081	8080	8080	8080	8077	8075
18[a]	8057	8056	8060	8063	8062	8058	8066	8074	8076	8085	8087	8091	8082	8080	8079
19	8075	8073	8074	8071	8071	8072	8081	8093	8106	8113	8110	8103	8097	8087	8078
20	8063	8073	8066	8065	8069	8074	8080	8087	8092	8101	8115	8087	8087	8083	8078
21[a]	8072	8073	8074	8074	8072	8075	8079	8084	8096	8112	8119	8117	8114	8101	8092
22[a]	8074	8076	8076	8079	8079	8082	8087	8091	8102	8113	8114	8112	8107	8103	8093
23	8079	8080	8078	8081	8081	8084	8086	8085	8094	8099	8104	8104	8100	8087	8071
24	8073	8069	8070	8068	8075	8077	8077	8078	8086	8102	8105	8102	8096	8090	8083
25	8070	8071	8071	8071	8076	8077	8078	8088	8093	8099	8109	8112	8107	8101	8091
26[b]	8073	8065	8066	8074	8072	8072	8073	8082	8093	8091	8109	8096	8090	8079	8071
27	8054	8059	8067	8071	8074	8075	8079	8085	8079	8089	8090	8091	8086	8075	8078
28	8069	8070	8070	8073	8075	8074	8076	8075	8082	8095	8102	8105	8104	8099	8088
29	8076	8071	8065	8072	8075	8075	8083	8091	8083	8101	8107	8104	8100	8092	8085
30	8074	8071	8074	8073	8077	8073	8085	8093	8116	8130	8142	8139	8130	8109	8098
31	8074	8074	8074	8073	8072	8077	8077	8086	8094	8096	8086	8078	8076	8072	8073
Mean	8061	8064	8063	8064	8065	8067	8071	8077	8086	8095	8100	8097	8092	8084	8077
Mean[a]	8071	8071	8073	8074	8073	8073	8079	8086	8094	8106	8110	8111	8106	8099	8092
Mean[b]	8044	8054	8046	8049	8051	8054	8061	8067	8074	8084	8090	8083	8076	8067	8060

[a] Five international quiet days.

[b] Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

NOVEMBER, 1915.

30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8056	8039	8025	8009	8018	7989	7954	7993	7996	8058	12 10	8117	21 50	7952	165	1
8058	8047	8032	8036	8041	8047	8045	8039	8046	8042	11 37	8077	0 14	7989	88	2
8066	8057	8050	8052	8057	8058	8069	8060	8058	8062	12 00	8085	0 15	8040	45	3
8081	8075	8075	8068	8066	8063	8063	8062	8066	8075	11 15	8112	0 38	8051	61	4
8092	8088	8085	8081	8079	8075	8076	8093	8087	8082	11 08	8118	3 00	8054	64	5
7979	7961	7969	7910	7929	7957	7944	7963	7951	8022	10 40	8123	18 58	7908	215	6
8054	8050	8049	8043	8041	8037	8040	8036	8041	8041	12 00	8073	0 02	7953	120	7
8045	8049	8048	8047	8049	8041	8042	8048	8045	8052	12 00	8080	0 40	8032	48	8
8062	8059	8059	8052	8050	8051	8072	8054	8048	8061	11 00	8088	4 00	8044	44	9
8074	8050	8059	8061	8050	8036	8044	8038	8046	8063	13 26	8107	22 36	8032	75	10
8057	8054	8040	8052	8058	8052	8059	8049	8045	8066	11 00	8104	18 15	8036	68	11
8068	8053	8044	8040	8044	8064	8059	8066	8067	8064	11 25	8099	18 35	8031	68	12
8079	8077	8075	8073	8064	8059	8060	8062	8064	8076	12 00	8110	21 00	8059	51	13
8077	8079	8081	8079	8078	8075	8073	8074	8075	8080	12 00	8107	1 00	8057	50	14
8101	8095	8092	8090	8086	8084	8083	8076	8079	8088	11 00	8113	6 00	8073	40	15
8013	8005	8000	8000	8008	8005	8024	8025	8025	8051	6 36	8105	21 30	7986	119	16
7998	8011	8029	8005	8026	8009	8006	8009	8035	8039	10 05	8092	15 52	7995	97	17
7992	8008	8041	8023	8039	8016	8039	8031	8038	8050	8 00	8084	16 27	7983	101	18
8049	8043	8050	8051	8049	8054	8054	8051	8048	8055	11 00	8085	15 00	8037	48	19
8066	8063	8060	8056	8060	8058	8056	8063	8068	8061	10 24	8093	5 00	8041	52	20
8060	8059	8058	8048	8059	8047	8049	8049	8073	8061	12 00	8078	21 00	8047	31	21
8072	8065	8049	8052	8059	8061	8060	8051	8069	8069	11 30	8100	18 12	8044	56	22
8062	8060	8059	8054	8056	8053	8056	8061	8057	8066	12 00	8095	19 45	8051	44	23
8077	8072	8067	8063	8065	8063	8061	8062	8065	8075	11 30	8118	5 10	8058	60	24
8082	8078	8076	8075	8073	8069	8073	8074	8076	8081	13 00	8114	6 00	8064	50	25
8086	8077	8078	8070	8066	8062	8066	8063	8069	8087	10 46	8149	21 00	8062	87	26
8085	8080	8071	8069	8079	8082	8075	8081	8080	8083	12 00	8111	4 00	8066	45	27
8064	8059	8053	8052	8058	8069	8066	8072	8074	8070	9 16	8096	18 20	8049	47	28
8083	8083	8080	8075	8073	8071	8070	8065	8062	8081	11 00	8112	24 00	8062	50	29
8078	8080	8079	8079	8075	8075	8073	8074	8074	8081	11 30	8116	0 27	8061	55	30
8061	8056	8054	8049	8052	8049	8050	8052	8054	8065	----------	8102	----------	8031	71	--------
8077	8075	8073	8071	8070	8068	8070	8067	8067	8076	----------	8106	----------	8054	52	--------
8028	8021	8022	8001	8012	8007	8001	8017	8019	8050	----------	8111	----------	7979	132	--------

DECEMBER, 1915.

30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
8093	8085	8080	8080	8081	8080	8080	8078	8080	8090	12 00	8127	2 00	8075	52	1
8093	8092	8089	0885	8087	8079	8077	8080	8082	8088	10 00	8110	4 00	8073	37	2
8071	8070	8068	8069	8067	8067	8066	8063	8065	8079	11 00	8105	23 00	8063	42	3
8082	8079	8079	8077	8075	8074	8071	8071	8074	8080	12 00	8106	1 00	8067	39	4
8089	8086	8083	8081	8078	8074	8069	8069	8070	8085	11 00	8109	22 30	8068	41	5
8091	8080	8066	8024	7968	7943	7944	7951	7974	8055	10 20	8102	21 30	7928	174	6
8019	8023	8024	8018	8020	8026	8024	8023	8031	8025	10 24	8058	0 05	7976	82	7
8045	8038	8027	8026	8022	8027	8033	8040	8041	8041	12 00	8070	20 33	8020	50	8
8062	8062	8058	8057	8059	8053	8052	8048	8051	8059	11 40	8096	1 00	8039	57	9
8082	8078	8077	8073	8079	8079	8075	8071	8068	8081	12 00	8117	3 36	8048	69	10
8063	8068	8064	8062	8058	8050	8049	8048	8042	8063	11 00	8083	24 00	8042	41	11
8038	8049	8051	8053	8053	8050	8052	8053	8057	8054	10 15	8075	15 45	8036	39	12
8070	8072	8070	8070	8066	8062	8063	8064	8065	8072	10 46	8101	1 00	8055	46	13
8075	8077	8078	8065	8054	8053	8058	8044	8036	8076	11 00	8119	24 00	8036	83	14
8059	8042	8051	8053	8059	8036	8026	8037	8045	8061	11 26	8105	21 50	8023	82	15
8057	8054	8060	8058	8056	8060	8055	8047	8051	8057	11 00	8099	0 43	8032	67	16
8069	8065	8063	8065	8060	8063	8060	8058	8062	8065	10 00	8081	1 00	8051	30	17
8074	8076	8073	8072	8074	8073	8075	8072	8073	8072	11 40	8093	2 00	8056	37	18
8074	8068	8066	8066	8067	8068	8063	8062	8063	8079	10 00	8113	23 00	8062	51	19
8072	8075	8077	8079	8078	8078	8077	8075	8073	8079	11 00	8115	1 38	8060	55	20
8079	8076	8076	8077	8076	8076	8072	8074	8074	8085	11 00	8119	22 25	8070	49	21
8086	8086	8081	8079	8082	8074	8075	8077	8077	8088	10 45	8121	19 20	8073	48	22
8064	8063	8066	8069	8070	8071	8073	8063	8081	8081	11 18	8106	17 20	8058	48	23
8082	8079	8081	8078	8078	8080	8076	8074	8070	8081	11 00	8105	4 00	8068	37	24
8072	8078	8076	8067	8074	8067	8072	8087	8074	8083	12 00	8112	21 20	8065	47	25
8061	8065	8068	8064	8049	8028	8027	8055	8054	8070	11 10	8111	21 15	8025	86	26
8076	8077	8068	8058	8057	8058	8053	8066	8066	8072	12 00	8091	22 00	8053	38	27
8083	8079	8073	8070	8069	8066	8064	8067	8072	8079	11 40	8106	22 00	8064	42	28
8080	8085	8083	8079	8078	8077	8072	8078	8075	8083	11 00	8107	3 00	8065	42	29
8089	8085	8086	8079	8079	8077	8022	8065	8071	8091	11 24	8146	23 05	8063	83	30
8077	8082	8079	8075	8078	8076	8077	8079	8080	8079	9 48	8099	0 05	8071	28	31
8072	8071	8069	8065	8063	8060	8058	8059	8061	8073	----------	8103	----------	8048	55	--------
8084	8082	8079	8078	8078	8075	8074	8074	8075	8084	----------	8114	----------	8068	46	--------
8057	8053	8054	8043	8030	8019	8015	8023	8031	8054	----------	8095	----------	7997	98	--------

HOURLY VALUES OF VERTICAL INTENSITY.

JANUARY, 1915.

10000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1[b]	1060	1058	1060	1052	1052	1052	1051	1051	1049	1039	1036	1035	1035	1046	1048
2[a]	1061	1060	1057	1055	1054	1054	1053	1052	1049	1046	1043	1040	1042	1048	1052
3[a]	1063	1064	1062	1060	1058	1055	1054	1055	1052	1048	1037	1039	1043	1051	1061
4	1061	1060	1061	1061	1062	1062	1059	1055	1051	1042	1032	1035	1042	1052	1059
5[b]	1062	1061	1061	1062	1061	1060	1060	1058	1052	1043	1033	1040	1054	1058	1060
6	1061	1061	1061	1060	1062	1060	1057	1054	1048	1041	1029	1032	1044	1050	1055
7	1059	1058	1058	1057	1058	1057	1056	1056	1053	1038	1030	1034	1046	1050	1053
8	1058	1057	1057	1056	1055	1057	1057	1053	1041	1022	1012	1016	1027	1037	1044
9	1054	1052	1051	1050	1049	1050	1051	1051	1036	1023	1024	1024	1033	1039	1045
10	1049	1048	1047	1048	1048	1048	1048	1048	1038	1023	1011	1010	1017	1025	1036
11	1050	1050	1049	1049	1050	1051	1050	1049	1048	1036	1022	1023	1029	1036	1042
12	1055	1053	1052	1053	1051	1050	1049	1047	1043	1034	1025	1018	1022	1031	1037
13	1049	1048	1049	1049	1048	1049	1050	1052	1050	1043	1040	1037	1038	1039	1045
14	1049	1048	1047	1047	1046	1045	1043	1042	1037	1029	1023	1024	1029	1036	1040
15	1046	1045	1043	1042	1040	1041	1040	1041	1041	1039	1029	1026	1028	1030	1035
16	1041	1040	1039	1038	1039	1037	1034	1032	1029	1018	1013	1015	1024	1032	1038
17	1048	1047	1046	1045	1044	1044	1043	1043	1041	1029	1025	1027	1035	1037	1040
18[a]	1052	1051	1049	1048	1046	1044	1040	1037	1033	1028	1024	1026	1032	1038	1045
19[a]	1056	1055	1055	1054	1053	1052	1052	1050	1045	1038	1030	1028	1032	1036	1040
20	1049	1051	1050	1052	1051	1047	1045	1044	1036	1020	1003	1004	1028	1044	1053
21	1066	1064	1063	1061	1060	1056	1055	1053	1044	1009	1011	1011	1023	1035	1047
22	1067	1066	1064	1063	1063	1063	1063	1061	1050	1020	1018	1026	1036	1047	1058
23	1065	1064	1063	1062	1060	1059	1058	1057	1053	1037	1016	1009	1023	1033	1048
24	1058	1056	1055	1054	1053	1053	1054	1055	1054	1041	1027	1031	1045	1051	1051
25[b]	1061	1061	1059	1057	1055	1054	1053	1052	1047	1034	1038	1040	1048	1052	1057
26[b]	1068	1067	1066	1065	1062	1060	1059	1057	1056	1047	1043	1037	1052	1053	1055
27[b]	1065	1063	1062	1059	1057	1056	1054	1051	1048	1045	1039	1030	1039	1043	1050
28	1062	1061	1060	1056	1051	1046	1042	1039	1037	1032	1026	1025	1034	1042	1046
29	1060	1059	1057	1055	1052	1051	1048	1047	1042	1037	1038	1038	1046	1048	1048
30	1058	1057	1057	1054	1051	1049	1046	1042	1038	1037	1032	1034	1046	1059	1061
31[a]	1046	1045	1044	1044	1043	1042	1037	1033	1032	1034	1033	1027	1033	1037	1042
Mean	1057	1056	1055	1054	1053	1052	1050	1049	1044	1034	1027	1027	1036	1042	1048
Mean[a]	1056	1055	1053	1052	1051	1049	1047	1045	1042	1039	1033	1032	1036	1042	1048
Mean[b]	1063	1062	1062	1059	1057	1056	1055	1054	1050	1042	1038	1036	1046	1050	1054

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10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1052	1052	1050	1049	1046	1043	1040	1032	1028	1022	1014	1017	1029	1044	1054
2	1062	1061	1059	1058	1057	1054	1051	1043	1031	1024	1022	1022	1024	1049	1045
3	1049	1047	1045	1044	1043	1041	1038	1033	1027	1014	1007	998	1009	1030	1044
4	1051	1050	1049	1046	1043	1041	1038	1033	1027	1024	1026	1025	1025	1037	1042
5	1056	1055	1054	1051	1049	1047	1046	1045	1037	1028	1032	1024	1019	1035	1046
6	1059	1058	1057	1056	1054	1051	1050	1049	1040	1031	1022	1021	1022	1030	1044
7[a]	1063	1062	1059	1058	1057	1056	1054	1047	1030	1020	1013	1016	1024	1039	1050
8[b]	1065	1063	1062	1059	1058	1057	1056	1056	1047	1031	1022	1017	1026	1039	1044
9	1065	1064	1064	1062	1060	1057	1054	1053	1044	1038	1035	1037	1042	1046	1053
10	1067	1066	1065	1064	1061	1059	1063	1065	1056	1047	1039	1032	1031	1038	1045
11[a]	1065	1064	1063	1062	1059	1058	1059	1058	1051	1042	1037	1038	1044	1050	1056
12	1070	1069	1070	1069	1069	1067	1064	1059	1050	1045	1041	1044	1046	1051	1065
13	1071	1069	1071	1069	1068	1067	1064	1059	1053	1046	1043	1045	1053	1057	1061
14[a]	1072	1071	1070	1069	1068	1066	1061	1054	1047	1044	1039	1045	1051	1057	1065
15	1062	1059	1057	1055	1052	1048	1046	1042	1033	1025	1024	1028	1038	1056	1065
16[a]	1077	1076	1074	1073	1072	1069	1065	1061	1052	1045	1036	1038	1046	1058	1065
17[a]	1072	1073	1073	1073	1072	1069	1067	1059	1051	1041	1036	1039	1046	1060	1073
18	1078	1078	1078	1077	1076	1073	1071	1063	1053	1037	1036	1037	1051	1062	1071
19[b]	1080	1079	1078	1077	1076	1075	1073	1072	1063	1057	1052	1056	1063	1070	1076
20[b]	1078	1079	1078	1078	1077	1076	1075	1069	1065	1061	1060	1062	1069	1076	1080
21	1076	1077	1076	1077	1076	1074	1070	1064	1052	1045	1046	1052	1057	1065	1070
22	1069	1070	1067	1066	1065	1064	1062	1059	1048	1038	1034	1032	1039	1046	1054
23[b]	1069	1069	1070	1069	1066	1065	1061	1060	1049	1045	1038	1042	1042	1046	1055
24[b]	1067	1068	1066	1068	1067	1064	1063	1058	1055	1050	1045	1057	1060	1064	1064
25	1073	1075	1072	1068	1069	1068	1067	1064	1058	1055	1053	1054	1058	1064	1066
26	1074	1071	1071	1069	1068	1067	1061	1059	1053	1047	1036	1041	1045	1056	1061
27	1065	1064	1063	1063	1062	1060	1053	1048	1042	1039	1035	1037	1039	1046	1055
28	1068	1068	1069	1068	1064	1063	1061	1056	1051	1042	1041	1040	1043	1049	1055
Mean	1067	1066	1065	1064	1063	1061	1058	1054	1046	1039	1034	1036	1041	1051	1058
Mean[a]	1070	1069	1068	1067	1066	1064	1061	1056	1046	1038	1032	1035	1042	1053	1062
Mean[b]	1072	1072	1071	1070	1069	1067	1066	1063	1056	1049	1043	1047	1052	1059	1064

[a] Five international quiet days.

[b] Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

JANUARY, 1915.

10000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1051	1054	1052	1054	1057	1060	1061	1060	1061	1051	22 25	1062	12 38	1034	28	1
1057	1058	1057	1057	1057	1058	1060	1061	1063	1054	24 00	1063	12 00	1040	23	2
1060	1058	1057	1058	1059	1060	1060	1061	1060	1056	2 00	1064	11 24	1036	28	3
1062	1062	1060	1062	1061	1062	1064	1063	1062	1056	22 00	1064	11 24	1031	33	4
1062	1061	1060	1058	1057	1061	1064	1060	1061	1057	22 10	1065	11 21	1032	33	5
1060	1055	1053	1054	1056	1057	1058	1059	1060	1054	5 00	1062	11 00	1029	33	6
1056	1054	1052	1055	1056	1056	1057	1057	1058	1053	1 00	1059	11 00	1030	29	7
1049	1052	1053	1055	1054	1053	1054	1053	1053	1047	1 00	1058	11 00	1012	46	8
1051	1049	1048	1048	1049	1049	1049	1049	1049	1045	1 00	1054	10 30	1021	33	9
1043	1044	1045	1047	1049	1050	1051	1050	1048	1040	22 00	1051	12 00	1010	41	10
1047	1048	1049	1050	1052	1053	1053	1053	1054	1046	24 00	1054	11 00	1022	32	11
1042	1043	1044	1046	1048	1049	1050	1051	1050	1043	1 00	1055	12 00	1018	37	12
1049	1048	1046	1046	1048	1050	1049	1049	1048	1047	8 00	1052	11 17	1036	16	13
1045	1046	1045	1046	1048	1047	1048	1048	1047	1042	1 00	1049	11 00	1023	26	14
1041	1038	1039	1040	1041	1041	1041	1042	1041	1039	1 00	1046	11 33	1024	22	15
1044	1045	1046	1046	1047	1047	1048	1049	1048	1037	23 00	1049	11 00	1013	36	16
1043	1045	1047	1049	1048	1049	1048	1050	1051	1043	24 00	1051	11 00	1025	26	17
1050	1052	1054	1057	1058	1056	1055	1056	1057	1045	20 00	1058	11 00	1024	34	18
1043	1044	1043	1044	1046	1048	1049	1049	1050	1046	1 00	1056	12 00	1028	28	19
1061	1060	1058	1061	1066	1068	1070	1071	1067	1048	23 00	1071	11 00	1003	68	20
1057	1064	1063	1064	1065	1066	1066	1066	1067	1052	24 00	1067	10 09	1004	63	21
1065	1067	1068	1066	1065	1065	1065	1065	1066	1057	18 00	1068	11 34	1016	52	22
1054	1058	1056	1058	1058	1059	1060	1060	1059	1051	0 33	1067	12 04	1007	60	23
1050	1052	1057	1058	1059	1060	1060	1060	1061	1052	24 00	1061	11 00	1027	34	24
1059	1063	1061	1066	1067	1068	1070	1072	1073	1057	24 00	1073	10 49	1028	45	25
1056	1058	1061	1063	1065	1067	1070	1069	1065	1059	22 00	1070	11 28	1034	36	26
1052	1057	1059	1059	1058	1061	1066	1065	1063	1054	22 00	1066	12 00	1030	36	27
1045	1049	1054	1055	1058	1060	1062	1062	1061	1049	0 08	1065	12 00	1025	40	28
1050	1048	1052	1056	1059	1057	1059	1057	1056	1051	1 00	1060	10 00	1037	23	29
1051	1048	1046	1047	1048	1048	1048	1047	1046	1048	1 00	1058	11 00	1032	26	30
1044	1042	1045	1049	1053	1055	1058	1056	1054	1043	22 00	1058	12 00	1027	31	31
1052	1052	1053	1054	1055	1056	1057	1057	1057	1049	----------	1059	----------	1024	35	--------
1051	1051	1051	1053	1055	1055	1056	1057	1057	1049	----------	1060	----------	1031	29	--------
1056	1059	1059	1060	1061	1063	1066	1065	1065	1056	----------	1067	----------	1032	35	--------

FEBRUARY, 1915.

10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1055	1054	1057	1062	1062	1062	1064	1066	1063	1047	23 00	1066	11 00	1014	52	1
1049	1042	1044	1047	1049	1052	1049	1051	1050	1046	1 00	1062	11 26	1021	41	2
1052	1050	1046	1052	1055	1056	1055	1053	1052	1039	21 00	1056	12 00	998	58	3
1046	1043	1048	1052	1053	1056	1057	1059	1058	1043	23 37	1061	10 00	1024	37	4
1049	1051	1054	1058	1063	1062	1061	1061	1060	1048	20 00	1063	13 00	1019	44	5
1053	1054	1055	1054	1058	1060	1063	1064	1064	1049	23 44	1066	11 45	1019	47	6
1053	1056	1057	1059	1062	1065	1066	1067	1065	1050	23 00	1067	11 36	1012	55	7
1056	1059	1059	1061	1063	1066	1066	1067	1068	1053	22 20	1072	11 50	1016	56	8
1060	1062	1063	1067	1068	1069	1070	1071	1069	1057	23 06	1072	12 27	1034	38	9
1054	1057	1061	1063	1065	1066	1068	1066	1066	1057	22 00	1068	12 32	1030	38	10
1062	1065	1066	1067	1069	1070	1070	1070	1071	1059	24 00	1071	11 00	1037	34	11
1068	1068	1069	1070	1072	1072	1073	1074	1073	1063	23 00	1074	11 15	1040	34	12
1066	1068	1069	1072	1071	1073	1075	1075	1073	1064	22 16	1076	11 00	1043	33	13
1067	1063	1063	1066	1067	1067	1068	1067	1065	1061	1 00	1072	11 00	1039	33	14
1070	1071	1073	1075	1075	1076	1077	1078	1077	1057	22 18	1079	11 00	1024	55	15
1069	1072	1071	1072	1074	1073	1074	1074	1073	1065	0 35	1080	11 00	1036	44	16
1079	1077	1074	1075	1076	1075	1076	1080	1078	1066	23 00	1080	11 22	1035	45	17
1077	1076	1075	1077	1078	1078	1079	1080	1081	1068	24 00	1081	11 00	1036	45	18
1077	1074	1074	1076	1077	1079	1079	1080	1085	1073	24 00	1085	11 00	1052	33	19
1081	1080	1078	1081	1079	1079	1081	1075	1078	1075	22 28	1086	10 51	1058	28	20
1070	1070	1069	1068	1068	1068	1069	1069	1068	1066	4 06	1078	10 54	1044	34	21
1060	1064	1066	1067	1071	1070	1071	1073	1070	1059	23 00	1073	12 00	1032	41	22
1061	1063	1065	1064	1069	1067	1068	1068	1068	1060	3 00	1070	11 00	1038	32	23
1066	1063	1068	1071	1072	1069	1072	1073	1073	1064	20 28	1077	11 07	1043	34	24
1067	1069	1070	1075	1073	1071	1075	1075	1077	1067	23 34	1080	10 26	1051	29	25
1065	1066	1063	1059	1058	1062	1065	1067	1067	1060	1 00	1074	11 00	1036	38	26
1056	1058	1060	1063	1064	1066	1067	1069	1070	1055	24 00	1070	11 00	1035	35	27
1055	1056	1059	1063	1064	1065	1064	1065	1066	1058	3 00	1069	12 00	1040	29	28
1062	1063	1063	1066	1067	1068	1069	1069	1069	1058	----------	1072	----------	1032	40	--------
1066	1067	1066	1068	1070	1070	1071	1072	1070	1060	----------	1074	----------	1032	42	--------
1068	1068	1069	1071	1072	1072	1073	1073	1074	1065	----------	1078	----------	1041	37	--------

HOURLY VALUES OF VERTICAL INTENSITY.

MARCH, 1915.

10000 γ plus tabular quantities.

Day.	1^h	2^h	3^h	4^h	5^h	6^h	7^h	8^h	9^h	10^h	11^h	12^h	13^h	14^h	15^h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1064	1065	1065	1066	1065	1062	1060	1059	1054	1043	1038	1033	1041	1055	1060
2[a]	1070	1070	1070	1069	1068	1067	1065	1058	1047	1036	1030	1032	1038	1046	1054
3[a]	1071	1070	1068	1067	1066	1066	1065	1060	1051	1046	1033	1030	1037	1048	1060
4	1064	1063	1062	1061	1061	1060	1059	1052	1039	1027	1021	1025	1032	1048	1058
5	1067	1066	1064	1063	1061	1059	1058	1054	1041	1020	1017	1017	1025	1036	1050
6	1063	1062	1061	1061	1060	1060	1058	1056	1047	1038	1026	1022	1026	1039	1044
7[b]	1062	1061	1060	1060	1057	1057	1057	1053	1048	1042	1033	1029	1026	1034	1048
8[b]	1066	1065	1062	1064	1061	1060	1070	1064	1057	1046	1041	1030	1034	1036	1045
9	1065	1065	1065	1064	1061	1062	1059	1059	1055	1050	1038	1037	1037	1047	1053
10	1067	1067	1064	1063	1063	1061	1060	1056	1049	1035	1032	1035	1042	1047	1055
11	1069	1068	1067	1065	1064	1064	1061	1055	1047	1040	1035	1036	1041	1046	1049
12	1066	1064	1062	1060	1060	1060	1059	1051	1044	1034	1030	1037	1041	1049	1050
13	1068	1068	1067	1066	1063	1064	1060	1053	1043	1034	1030	1031	1035	1044	1053
14[a]	1074	1072	1070	1067	1065	1063	1062	1056	1044	1034	1021	1022	1027	1040	1052
15[a]	1067	1066	1064	1063	1062	1061	1061	1056	1047	1038	1031	1030	1031	1036	1049
16	1056	1056	1056	1053	1053	1051	1051	1047	1038	1032	1024	1024	1030	1039	1046
17	1060	1057	1056	1056	1057	1057	1053	1052	1038	1032	1030	1028	1026	1037	1046
18	1064	1064	1065	1064	1063	1061	1059	1051	1043	1036	1022	1033	1032	1034	1042
19	1057	1056	1056	1055	1052	1051	1050	1048	1041	1029	1025	1027	1025	1034	1043
20[b]	1056	1054	1053	1051	1050	1050	1050	1047	1044	1035	1032	1026	1028	1040	1045
21[b]	1044	1049	1042	1041	1040	1039	1037	1035	1028	1015	1007	1005	1008	1018	1035
22[b]	1052	1049	1049	1046	1046	1045	1041	1039	1031	1025	1020	1017	1023	1038	1045
23	1048	1048	1045	1045	1044	1043	1039	1036	1029	1027	1027	1023	1023	1034	1040
24	1056	1054	1053	1052	1048	1049	1048	1045	1043	1037	1034	1029	1025	1031	1045
25	1057	1057	1057	1056	1053	1052	1353	1052	1044	1035	1028	1028	1030	1035	1044
26	1057	1056	1057	1056	1056	1055	1051	1044	1038	1034	1036	1030	1030	1034	1039
27	1048	1048	1047	1044	1044	1044	1043	1042	1029	1027	1024	1015	1019	1033	1038
28[a]	1045	1045	1044	1043	1042	1041	1040	1037	1031	1026	1020	1015	1016	1023	•1029
29	1046	1045	1043	1042	1041	1042	1040	1032	1026	1018	1011	1014	1020	1033	1042
30	1049	1051	1051	1050	1049	1048	1048	1042	1032	1030	1021	1021	1025	1034	1048
31	1059	1059	1059	1057	1057	1057	1055	1051	1042	1031	1022	1026	1036	1048	1053
Mean	1060	1059	1058	1057	1056	1055	1054	1050	1042	1033	1027	1026	1029	1039	1047
Mean[a]	1065	1065	1063	1062	1061	1060	1059	1053	1044	1036	1027	1026	1030	1039	1049
Mean[b]	1056	1056	1053	1052	1051	1050	1051	1048	1042	1033	1027	1021	1024	1033	1044

APRIL, 1915.

10000 γ plus tabular quantities.

Day.	1^h	2^h	3^h	4^h	5^h	6^h	7^h	8^h	9^h	10^h	11^h	12^h	13^h	14^h	15^h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1066	1066	1063	1061	1058	1057	1057	1048	1040	1025	1017	1021	1029	1045	1057
2	1067	1063	1066	1065	1063	1063	1061	1052	1041	1029	1022	1024	1035	1048	1057
3	1067	1067	1067	1062	1061	1060	1061	1052	1042	1037	1035	1033	1044	1047	1056
4	1069	1070	1064	1062	1061	1060	1060	1060	1051	1047	1035	1033	1043	1044	1049
5	1067	1067	1067	1067	1066	1061	1055	1047	1048	1044	1040	1033	1038	1042	1049
6	1069	1069	1068	1068	1068	1065	1063	1061	1054	1048	1043	1041	1047	1051	1061
7[b]	1070	1070	1068	1064	1063	1061	1057	1054	1048	1039	1037	1038	1046	1056	1068
8[b]	1072	1070	1069	1067	1068	1069	1068	1059	1059	1060	1050	1047	1056	1067	1072
9	1074	1074	1073	1072	1065	1068	1064	1058	1055	1053	1051	1058	1060	1062	1069
10[a]	1074	1074	1073	1073	1073	1073	1072	1063	1055	1049	1040	1038	1047	1058	1067
11[a]	1077	1075	1073	1073	1072	1071	1064	1059	1053	1046	1036	1037	1050	1066	1069
12[a]	1082	1078	1076	1075	1075	1073	1066	1066	1066	1055	1052	1053	1061	1062	1069
13[a]	1079	1077	1076	1076	1075	1074	1071	1062	1058	1048	1043	1045	1057	1065	1068
14	1084	1083	1080	1079	1079	1077	1076	1074	1066	1062	1053	1056	1062	1071	1074
15[b]	1084	1084	1083	1080	1077	1076	1074	1063	1058	1051	1052	1057	1060	1070	1079
16	1084	1185	1085	1086	1086	1085	1080	1075	1063	1051	1040	1045	1049	1065	1077
17	1084	1083	1083	1083	1083	1085	1078	1073	1065	1062	1066	1075	1078	1082	1089
18	1084	1084	1084	1084	1084	1085	1080	1075	1065	1059	1048	1050	1067	1076	1082
19	1089	1087	1087	1085	1087	1085	1079	1078	1075	1065	1066	1067	1070	1080	1084
20	1088	1086	1083	1083	1083	1082	1079	1078	1073	1069	1066	1066	1075	1078	1078
21	1091	1090	1087	1086	1084	1084	1083	1081	1075	1069	1069	1072	1079	1077	1083
22[b]	1090	1088	1087	1084	1086	1087	1087	1086	1075	1073	1072	1073	1074	1079	1082
23	1082	1085	1083	1085	1085	1083	1080	1076	1072	1069	1064	1065	1068	1069	1074
24	1087	1087	1089	1089	1089	1087	1081	1078	1069	1063	1062	1062	1063	1069	1076
25	1087	1087	1086	1083	1083	1083	1083	1081	1071	1058	1054	1054	1063	1072	1078
26[b]	1085	1085	1085	1086	1088	1088	1089	1081	1067	1053	1061	1071	1076	1084	1084
27	1096	1096	1095	1089	1088	1088	1079	1070	1067	1063	1064	1070	1081	1081	1081
28[a]	1088	1088	1088	1088	1088	1085	1079	1071	1067	1064	1062	1064	1071	1079	1084
29	1090	1090	1089	1087	1087	1085	1085	1071	1074	1061	1058	1060	1063	1076	1081
30	1088	1088	1089	1089	1087	1088	1083	1078	1067	1060	1057	1061	1066	1075	1079
Mean	1080	1080	1079	1078	1077	1076	1073	1068	1061	1054	1050	1052	1059	1067	1073
Mean[a]	1080	1078	1077	1077	1077	1075	1070	1064	1060	1052	1047	1047	1057	1066	1071
Mean[b]	1080	1079	1078	1076	1076	1076	1075	1069	1061	1055	1054	1057	1062	1071	1077

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[a] Five international quiet days.

[b] Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

MARCH, 1915.

10000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	γ
1067	1069	1068	1069	1070	1071	1072	1071	1070	1061	22 00	1072	12 00	1033	39	1
1062	1066	1068	1070	1072	1073	1071	1070	1070	1060	21 00	1073	11 00	1030	43	2
1064	1063	1060	1063	1065	1064	1065	1067	1065	1059	1 00	1071	12 00	1030	41	3
1064	1064	1062	1061	1063	1064	1064	1066	1066	1054	23 36	1067	11 00	1021	46	4
1057	1059	1059	1061	1061	1063	1062	1062	1062	1052	1 00	1067	12 18	1016	51	5
1051	1056	1056	1058	1060	1060	1061	1062	1062	1052	23 24	1071	12 00	1022	49	6
1061	1062	1062	1065	1065	1066	1067	1066	1067	1054	22 33	1068	13 05	1024	44	7
1052	1057	1064	1065	1066	1069	1070	1069	1070	1058	20 36	1071	12 00	1030	41	8
1057	1060	1061	1064	1066	1066	1069	1068	1066	1058	22 00	1069	11 15	1035	34	9
1055	1056	1059	1064	1065	1065	1068	1068	1068	1057	23 48	1069	11 22	1031	38	10
1052	1056	1059	1067	1064	1067	1065	1067	1067	1057	0 20	1071	11 00	1035	36	11
1053	1058	1060	1063	1064	1066	1067	1068	1068	1056	23 34	1069	10 53	1029	40	12
1060	1063	1069	1072	1072	1073	1075	1076	1076	1059	22 12	1077	11 00	1030	47	13
1057	1059	1061	1063	1063	1063	1064	1065	1066	1055	1 00	1074	11 00	1021	53	14
1057	1059	1058	1058	1058	1057	1058	1058	1059	1054	1 00	1067	11 34	1029	38	15
1052	1055	1056	1057	1057	1058	1058	1058	1058	1049	22 45	1059	11 12	1023	36	16
1055	1056	1058	1061	1064	1064	1065	1065	1064	1052	19 42	1066	12 20	1025	41	17
1048	1050	1054	1056	1056	1056	1057	1057	1059	1052	3 00	1065	12 30	1030	35	18
1047	1050	1051	1054	1055	1057	1054	1055	1057	1047	21 33	1058	10 34	1024	34	19
1053	1046	1042	1045	1041	1046	1045	1042	1041	1044	1 00	1056	12 24	1024	32	20
1041	1041	1044	1046	1046	1047	1050	1051	1054	1036	23 56	1056	12 00	1005	51	21
1041	1041	1043	1046	1044	1049	1050	1050	1048	1041	1 49	1055	12 00	1017	38	22
1040	1045	1050	1052	1054	1055	1055	1058	1057	1042	23 00	1058	12 36	1020	88	23
1045	1047	1051	1052	1053	1054	1057	1057	1057	1047	0 18	1058	13 00	1025	33	24
1051	1051	1052	1053	1058	1057	1060	1058	1057	1049	22 00	1060	11 15	1027	33	25
1042	1043	1044	1047	1043	1047	1047	1048	1050	1045	0 36	1059	12 20	1029	30	26
1043	1041	1041	1044	1044	1043	1044	1046	1044	1039	0 01	1050	12 00	1015	35	27
1033	1034	1040	1041	1043	1045	1046	1047	1046	1036	23 37	1048	12 12	1014	34	28
1042	1042	1042	1046	1049	1049	1049	1050	1050	1038	23 34	1051	11 12	1010	41	29
1055	1054	1054	1055	1055	1055	1057	1058	1057	1046	23 15	1059	11 27	1019	40	30
1057	1058	1057	1060	1063	1064	1064	1066	1066	1053	23 06	1067	10 00	1022	45	31
1052	1054	1055	1057	1058	1059	1060	1060	1060	1050	----------	1064	----------	1024	40	--------
1055	1056	1057	1059	1060	1060	1061	1061	1061	1052	----------	1067	----------	1025	42	--------
1050	1049	1051	1053	1052	1055	1056	1056	1956	1047	----------	1061	----------	1020	41	--------

APRIL, 1915.

10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1061	1059	1061	1062	1065	1066	1065	1063	1066	1053	23 36	1068	11 00	1017	51	1
1061	1065	1066	1065	1066	1067	1067	1066	1070	1056	23 48	1071	11 05	1021	50	2
1062	1062	1062	1062	1065	1065	1066	1067	1069	1057	19 40	1070	11 45	1031	39	3
1051	1057	1060	1061	1062	1064	1064	1065	1066	1057	1 40	1071	12 00	1033	38	4
1057	1060	1060	1061	1064	1064	1070	1067	1069	1057	22 00	1070	12 00	1033	37	5
1063	1061	1061	1063	1063	1064	1065	1068	1069	1061	0 30	1070	11 20	1039	31	6
1068	1065	1061	1064	1066	1069	1069	1070	1073	1060	24 00	1073	10 20	1035	38	7
1070	1068	1065	1069	1069	1073	1076	1072	1073	1066	22 30	1078	10 30	1042	36	8
1073	1072	1070	1069	1069	1072	1072	1073	1073	1067	0 30	1077	11 03	1050	27	9
1068	1069	1069	1070	1072	1073	1074	1076	1076	1066	23 15	1077	11 33	1036	41	10
1071	1073	1071	1071	1073	1076	1077	1077	1080	1066	24 00	1080	11 14	1035	45	11
1073	1077	1076	1076	1076	1077	1077	1080	1080	1071	1 00	1182	11 00	1052	30	12
1076	1076	1075	1075	1076	1077	1079	1080	1081	1070	24 00	1081	11 24	1041	40	13
1080	1079	1077	1077	1079	1079	1080	1081	1083	1075	23 20	1085	11 18	1052	33	14
1081	1079	1077	1079	1081	1081	1083	1084	1085	1074	22 43	1087	10 00	1051	36	15
1081	1081	1077	1077	1080	1083	1080	1081	1084	1074	2 03	1087	11 00	1040	47	16
1088	1088	1080	1083	1085	1084	1084	1084	1085	1080	15 00	1089	10 00	1062	27	17
1089	1088	1080	1082	1084	1087	1088	1088	1089	1078	16 15	1091	10 54	1046	45	18
1091	1088	1084	1083	1084	1085	1087	1088	1089	1082	16 00	1091	10 00	1065	26	19
1084	1084	1082	1082	1082	1083	1084	1088	1090	1080	24 00	1090	10 42	1063	27	20
1087	1082	1083	1086	1086	1086	1087	1088	1090	1083	1 00	1091	10 40	1067	24	21
1083	1083	1082	1081	1082	1083	1084	1083	1083	1082	0 05	1091	11 18	1070	21	22
1081	1082	1082	1082	1085	1083	1085	1087	1087	1079	21 20	1089	11 00	1064	25	23
1082	1085	1081	1085	1086	1086	1086	1086	1087	1080	3 03	1090	11 30	1060	30	24
1083	1082	1081	1081	1082	1082	1085	1085	1086	1078	0 27	1088	10 55	1052	36	25
1091	1089	1082	1090	1090	1090	1090	1093	1095	1083	24 00	1095	10 20	1050	45	26
1082	1080	1080	1081	1084	1086	1088	1085	1085	1082	0 04	1097	10 10	1061	36	27
1089	1088	1085	1085	1086	1089	1090	1091	1093	1082	24 00	1093	11 00	1062	31	28
1087	1087	1084	1084	1088	1087	1087	1088	1088	1081	0 01	1092	11 00	1058	34	29
1081	1083	1081	1081	1084	1085	1085	1087	1089	1080	23 24	1091	11 00	1057	34	30
1076	1076	1074	1076	1077	1078	1079	1080	1081	1072	----------	1083	----------	1048	35	--------
1075	1077	1075	1075	1077	1078	1079	1081	1082	1071	----------	1082	----------	1045	37	--------
1079	1077	1073	1077	1078	1079	1080	1080	1082	1073	----------	1085	----------	1050	35	--------

HOURLY VALUES OF VERTICAL INTENSITY.

MAY, 1915.

10000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [b]	1094	1093	1090	1088	1088	1087	1084	1076	1070	1067	1069	1074	1084	1094	1094
2 [b]	1090	1088	1084	1087	1086	1084	1074	1069	1059	1060	1063	1064	1061	1069	1087
3	1083	1082	1082	1081	1081	1081	1073	1067	1062	1062	1062	1065	1071	1074	1085
4	1081	1080	1081	1078	1079	1079	1078	1076	1065	1053	1051	1051	1064	1074	1078
5	1085	1085	1082	1081	1079	1077	1075	1067	1065	1058	1057	1061	1063	1070	1079
6	1083	1083	1080	1080	1078	1078	1068	1064	1057	1051	1050	1053	1060	1063	1073
7 [a]	1082	1082	1081	1081	1079	1082	1079	1072	1059	1056	1056	1058	1055	1060	1064
8 [a]	1079	1080	1080	1080	1079	1082	1078	1075	1066	1050	1059	1059	1061	1065	1070
9	1086	1086	1086	1085	1085	1085	1081	1077	1075	1069	1067	1072	1072	1074	1081
10	1084	1084	1085	1085	1084	1084	1075	1070	1053	1049	1049	1057	1063	1073	1081
11 [a]	1083	1082	1082	1081	1082	1083	1073	1063	1060	1051	1047	1046	1051	1055	1067
12	1086	1084	1082	1080	1080	1080	1079	1073	1069	1064	1054	1055	1060	1064	1070
13	1083	1084	1084	1084	1084	1081	1078	1076	1071	1062	1061	1060	1062	1066	1071
14	1086	1085	1086	1086	1086	1081	1080	1077	1067	1061	1052	1061	1071	1074	1076
15	1080	1080	1077	1080	1080	1080	1075	1072	1059	1055	1053	1055	1064	1068	1071
16 [b]	1082	1081	1079	1076	1076	1076	1074	1067	1061	1056	1049	1047	1055	1059	1067
17 [b]	1082	1085	1074	1077	1075	1078	1077	1066	1051	1041	1039	1047	1051	1060	1069
18	1076	1075	1069	1067	1069	1069	1063	1060	1060	1054	1054	1051	1051	1052	1057
19	1061	1061	1061	1059	1058	1057	1054	1052	1041	1044	1047	1047	1048	1049	1054
20	1062	1062	1060	1059	1056	1063	1060	1062	1049	1040	1036	1037	1039	1042	1045
21	1047	1049	1050	1046	1043	1046	1042	1040	1037	1027	1025	1023	1029	1026	1037
22	1052	1051	1051	1048	1047	1047	1042	1036	1026	1024	1022	1026	1033	1035	1040
23	1050	1048	1048	1045	1046	1043	1037	1035	1035	1035	1034	1030	1034	1032	1034
24	1045	1044	1042	1038	1040	1038	1035	1028	1024	1021	1023	1023	1026	1033	1037
25	1043	1043	1041	1039	1037	1037	1034	1029	1024	1015	1013	1011	1013	1019	1025
26	1043	1039	1037	1035	1035	1034	1029	1023	1015	1003	999	1001	1011	1021	1031
27 [b]	1044	1045	1042	1040	1039	1040	1036	1035	1025	1016	1008	1005	1012	1019	1033
28 [a]	1052	1050	1046	1043	1042	1040	1036	1028	1022	1014	1015	1017	1022	1029	1029
29 [a]	1048	1047	1046	1046	1046	1044	1038	1035	1027	1016	1009	1014	1020	1026	1033
30	1052	1048	1048	1046	1045	1045	1037	1032	1025	1018	1012	1011	1018	1027	1029
31	1049	1046	1042	1038	1038	1037	6028	1026	1017	1015	1013	1005	1013	1014	1027
Mean	1069	1069	1067	1066	1065	1065	1060	1056	1048	1042	1040	1041	1046	1051	1058
Mean [a]	1069	1068	1067	1066	1066	1066	1061	1055	1047	1039	1037	1039	1042	1047	1053
Mean [b]	1078	1078	1074	1074	1073	1073	1069	1063	1053	1048	1046	1047	1053	1060	1070

JUNE, 1915.

10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1054	1055	1055	1055	1050	1050	1045	1042	1042	1034	1031	1022	1028	1031	1047
2	1063	1063	1061	1060	1059	1057	1054	1047	1045	1041	1034	1031	1037	1039	1048
3 [a]	1064	1060	1058	1057	1057	1056	1048	1046	1039	1033	1030	1034	1042	1046	1052
4 [a]	1058	1057	1057	1054	1052	1054	1050	1041	1036	1027	1027	1030	1034	1043	1048
5	1059	1058	1059	1057	1057	1059	1054	1053	1041	1037	1036	1034	1034	1039	1045
6	1061	1060	1060	1059	1059	1056	1054	1052	1051	1049	1041	1037	1037	1047	1050
7	1064	1062	1062	1061	1059	1057	1056	1052	1042	1038	1029	1030	1039	1047	1048
8	1063	1062	1062	1060	1058	1057	1058	1054	1038	1029	1033	1038	1040	1047	1054
9	1066	1066	1066	1062	1061	1061	1061	1058	1057	1050	1043	1048	1052	1057	1067
10 [a]	1067	1068	1068	1065	1063	1063	1060	1051	1045	1036	1032	1031	1040	1047	1062
11	1075	1074	1072	1070	1070	1073	1070	1068	1064	1057	1048	1046	1052	1054	1064
12 [b]	1076	1076	1076	1076	1078	1076	1070	1067	1058	1053	1048	1043	1053	1058	1061
13 [b]	1079	1080	1079	1075	1074	1074	1072	1065	1058	1057	1047	1052	1057	1058	1066
14	1080	1080	1078	1080	1078	1078	1073	1072	1071	1063	1058	1058	1057	1059	1068
15	1082	1082	1082	1079	1079	1078	1074	1065	1060	1050	1046	1045	1047	1056	1060
16	1080	1080	1078	1075	1075	1075	1075	1071	1066	1065	1060	1057	1059	1065	1068
17 [b]	1085	1084	1084	1083	1083	1083	1079	1078	1072	1065	1062	1060	1058	1058	1067
18 [b]	1106	1094	1095	1096	1097	1088	1086	1080	1097	1099	1099	1097	1085	1082	1082
19	1096	1096	1095	1096	1096	1097	1089	1082	1077	1078	1075	1072	1073	1080	1088
20 [a]	1097	1095	1095	1097	1097	1098	1090	1088	1079	1074	1067	1066	1073	1076	1085
21	1100	1099	1096	1093	1093	1091	1085	1082	1079	1074	1074	1079	1079	1078	1078
22 [b]	1099	1097	1095	1095	1095	1094	1088	1083	1087	1084	1085	1083	1085	1081	1092
23	1099	1098	1096	1096	1096	1099	1098	1089	1086	1080	1076	1076	1082	1083	1092
24	1102	1101	1100	1098	1098	1098	1093	1090	1088	1086	1079	1077	1083	1087	1093
25	1103	1105	1101	1099	1098	1098	1096	1084	1079	1078	1075	1084	1095	1097	1095
26	1104	1107	1107	1104	1103	1099	1098	1095	1090	1086	1080	1085	1088	1090	1091
27	1095	1096	1096	1097	1095	1089	1086	1080	1078	1077	1074	1073	1084	1085	1087
28	1088	1085	1081	1081	1082	1081	1071	1066	1059	1057	1056	1062	1065	1067	1076
29	1086	1083	1083	1082	1081	1081	1080	1076	1071	1062	1063	1063	1067	1064	1064
30 [a]	1091	1091	1092	1089	1091	1091	1091	1079	1070	1065	1064	1064	1065	1068	1075
Mean	1081	1080	1080	1078	1878	1077	1073	1069	1064	1059	1056	1056	1060	1063	1069
Mean [a]	1075	1074	1074	1072	1072	1072	1068	1061	1054	1047	1044	1045	1051	1056	1064
Mean [b]	1089	1086	1086	1085	1085	1083	1079	1075	1074	1072	1068	1067	1068	1067	1074

[a] Five international quiet days.

[b] Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

10000 γ plus tabular quantities.

MAY, 1915.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1093	1089	1083	1083	1084	1085	1087	1087	1091	1085	1	00	1094	11	28	1063	31	1
1083	1078	1072	1073	1074	1079	1081	1082	1083	1076	0	01	1091	9	18	1057	34	2
1083	1080	1078	1080	1080	1083	1083	1084	1081	1077	15	00	1085	9	30	1060	25	3
1081	1081	1080	1079	1080	1083	1081	1083	1083	1075	20	54	1085	11	55	1050	35	4
1081	1081	1079	1080	1081	1082	1082	1084	1084	1076	0	32	1086	10	42	1055	31	5
1076	1077	1074	1076	1076	1078	1081	1082	1082	1072	0	01	1084	10	45	1048	36	6
1067	1072	1074	1074	1075	1077	1078	1079	1081	1072	0	01	1083	13	00	1055	28	7
1074	1078	1078	1078	1078	1080	1080	1083	1084	1074	24	00	1084	11	25	1057	27	8
1083	1081	1079	1079	1080	1081	1081	1083	1084	1080	1	06	1087	10	48	1065	22	9
1080	1078	1075	1075	1075	1077	1077	1080	1082	1074	2	58	1086	10	04	1048	38	10
1076	1076	1077	1078	1079	1081	1082	1083	1083	1072	23	24	1085	11	28	1043	42	11
1079	1075	1073	1074	1077	1079	1079	1082	1082	1074	1	00	1086	11	20	1052	34	12
1073	1079	1078	1078	1078	1080	1083	1083	1084	1076	23	40	1085	11	03	1059	26	13
1082	1084	1080	1076	1077	1076	1076	1076	1077	1076	1	15	1087	10	56	1050	37	14
1075	1076	1077	1077	1077	1078	1080	1081	1082	1073	24	00	1082	11	00	1053	29	15
1073	1074	1074	1074	1076	1078	1078	1078	1079	1070	0	10	1083	11	30	1045	38	16
1070	1073	1071	1070	1071	1078	1071	1074	1075	1068	1	54	1087	11	10	1037	50	17
1058	1062	1061	1060	1060	1061	1061	1062	1062	1061	1	00	1076	12	20	1049	27	18
1059	1061	1061	1059	1058	1058	1058	1059	1059	1055	0	01	1062	9	36	1039	23	19
1048	1050	1053	1050	1049	1050	1048	1546	1046	1050	6	20	1065	10	20	1033	32	20
1047	1053	1053	1053	1053	1053	1053	1055	1055	1043	23	03	1056	11	00	1023	33	21
1045	1051	1051	1052	1052	1052	1052	1052	1051	1043	0	01	1054	10	58	1020	34	22
1043	1043	1043	1043	1043	1043	1044	1044	1043	1041	0	01	1051	11	24	1028	23	23
1040	1041	1042	1042	1044	1044	1044	1044	1045	1037	23	10	1047	10	00	1021	26	24
1034	1038	1039	1039	1041	1041	1042	1042	1042	1033	0	01	1045	11	33	1010	35	25
1041	1043	1041	1043	1044	1045	1045	1045	1045	1031	21	30	1047	10	42	997	50	26
1041	1042	1041	1042	1044	1044	1045	1045	1046	1035	23	12	1048	11	45	1003	45	27
1040	1040	1038	1042	1043	1046	1047	1049	1046	1037	1	00	1052	9	50	1011	41	28
1042	1045	1045	1047	1048	1051	1051	1052	1051	1039	23	00	1052	11	28	1007	45	29
1041	1049	1049	1048	1049	1049	1049	1049	1049	1039	1	00	1052	12	00	1011	41	30
1037	1044	1049	1049	1051	1053	1054	1054	1053	1036	22	10	1055	12	06	1003	52	31
1063	1064	1063	1064	1064	1066	1066	1067	1068	1060	--------		1072	--------		1037	35	--------
1060	1062	1062	1064	1065	1067	1068	1069	1070	1059	--------		1071	--------		1034	37	--------
1072	1071	1068	1068	1070	1073	1072	1073	1575	1067	--------		1081	--------		1041	40	--------

10000 γ plus tabular quantities.

JUNE, 1915.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1051	1059	1060	1057	1056	1057	1059	1059	1060	1048	23	10	1061	11	40	1020	41	1
1052	1054	1056	1057	1059	1061	1063	1063	1061	1053	0	05	1064	12	00	1031	33	2
1056	1056	1058	1057	1058	1060	1061	1058	1057	1052	1	00	1064	11	00	1030	34	3
1053	1053	1054	1057	1058	1058	1058	1058	1058	1049	22	30	1059	10	35	1025	34	4
1053	1054	1055	1058	1058	1059	1060	1060	1060	1052	21	30	1061	12	25	1032	29	5
1058	1060	1065	1067	1067	1068	1068	1068	1067	1057	18	54	1070	12	06	1035	35	6
1057	1060	1061	1062	1064	1064	1064	1064	1062	1054	0	01	1066	11	20	1028	38	7
1062	1062	1061	1061	1061	1063	1065	1065	1065	1055	22	54	1067	11	20	1027	40	8
1073	1068	1068	1066	1063	1063	1064	1066	1064	1061	16	00	1073	11	00	1043	30	9
1071	1071	1071	1071	1072	1072	1073	1074	1074	1060	23	30	1075	11	45	1029	46	10
1065	1070	1069	1072	1073	1075	1074	1075	1075	1067	23	35	1076	11	18	1044	32	11
1066	1071	1073	1074	1074	1074	1075	1075	1076	1068	5	00	1078	12	18	1033	45	12
1072	1076	1076	1080	1079	1079	1079	1079	1079	1070	18	30	1083	11	00	1047	36	13
1078	1078	1077	1080	1081	1080	1081	1081	1082	1073	24	00	1082	11	24	1053	29	14
1069	1073	1077	1079	1081	1082	1082	1082	1081	1070	0	10	1083	11	45	1043	40	15
1674	1077	1078	1080	1080	1089	1080	1080	1083	1074	21	00	1089	12	00	1057	32	16
1080	1087	1103	1114	1114	1113	1104	1103	1093	1084	19	33	1129	12	06	1038	91	17
1086	1088	1090	1094	1094	1095	1096	1096	1095	1092	1	15	1116	8	00	1080	36	18
1090	1093	1092	1098	1098	1099	1099	1097	1096	1090	21	20	1101	12	30	1070	31	19
1091	1096	1096	1096	1098	1098	1098	1098	1099	1089	24	00	1099	12	00	1066	33	20
1086	1093	1093	1094	1096	1098	1099	1100	1099	1089	0	30	1101	11	36	1072	29	21
1092	1094	1095	1099	1104	1101	1101	1101	1102	1093	20	00	1104	11	18	1079	25	22
1092	1093	1093	1099	1100	1101	1101	1101	1101	1093	21	50	1102	11	54	1074	28	23
1093	1092	1093	1100	1101	1102	1104	1102	1102	1094	22	00	1104	12	00	1077	27	24
1106	1106	1103	1103	1103	1104	1104	1106	1106	1097	23	58	1107	11	20	1073	34	25
1092	1092	1092	1092	1092	1094	1094	1094	1095	1094	1	54	1108	11	40	1078	30	26
1089	1090	1092	1089	1088	1087	1087	1087	1087	1087	3	35	1098	12	00	1073	25	27
1082	1084	1085	1086	1088	1088	1088	1088	1086	1077	19	35	1090	11	00	1056	34	28
1070	1077	1084	1086	1088	1092	1091	1091	1092	1078	19	56	1094	10	30	1060	34	29
1082	1083	1085	1092	1093	1093	1094	1096	1097	1083	24	00	1097	10	33	1062	35	30
1075	1077	1078	1081	1081	1082	1082	1082	1082	1073	--------		1087	--------		1051	36	--------
1071	1072	1073	1075	1076	1076	1077	1077	1077	1067	--------		1079	--------		1042	37	--------
1079	1083	1087	1092	1093	1092	1091	1091	1089	1081	--------		1102	--------		1055	47	--------

HOURLY VALUES OF VERTICAL INTENSITY.

JULY, 1915. 10000 γ plus tabular quantities.

Day.	1^{h}	2^{h}	3^{h}	4^{h}	5^{h}	6^{h}	7^{h}	8^{h}	9^{h}	10^{h}	11^{h}	12^{h}	13^{h}	14^{h}	15^{h}
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1097	1095	1095	1093	1092	1093	1092	1086	1083	1080	1071	1070	1066	1066	1076
2[b]	1089	1087	1085	1084	1082	1084	1084	1082	1081	1080	1082	1077	1080	1080	1081
3	1082	1083	1081	1081	1081	1079	1074	1071	1062	1058	1056	1058	1061	1065	1075
4[a]	1088	1089	1089	1087	1081	1083	1080	1071	1069	1067	1067	1078	1079	1083	1088
5	1088	1086	1088	1086	1086	1085	1086	1079	1071	1067	1061	1070	1075	1085	1090
6[b]	1094	1094	1092	1091	1090	1089	1083	1080	1078	1068	1071	1068	1074	1076	1086
7	1091	1089	1089	1088	1084	1082	1080	1079	1069	1057	1056	1057	1064	1068	1073
8	1099	1099	1098	1094	1093	1093	1092	1083	1071	1067	1066	1069	1062	1054	1083
9[b]	1099	1100	1102	1099	1098	1096	1094	1090	1082	1071	1073	1070	1079	1086	1087
10	1104	1103	1103	1104	1100	1096	1092	1085	1082	1078	1072	1078	1082	1088	1092
11[b]	1110	1106	1107	1105	1106	1102	1093	1089	1083	1083	1082	1071	1076	1083	1092
12	1100	1100	1099	1100	1099	1098	1094	1089	1083	1079	1075	1075	1075	1085	1089
13	1104	1104	1103	1101	1101	1100	1094	1091	1089	1082	1080	1085	1089	1096	1095
14	1110	1110	1110	1110	1111	1113	1113	1102	1093	1091	1095	1090	1079	1087	1099
15[a]	1106	1107	1106	1106	1104	1106	1097	1095	1085	1084	1076	1076	1078	1079	1084
16[a]	1091	1091	1090	1090	1089	1091	1085	1082	1072	1063	1068	1068	1067	1076	1085
17[a]	1100	1099	1096	1096	1096	1095	1092	1083	1074	1071	1068	1067	1067	1078	1081
18	1092	1092	1088	1088	1087	1095	1096	1084	1064	1050	1043	1046	1056	1068	1077
19	1091	1091	1089	1088	1089	1094	1092	1079	1073	1062	1055	1053	1064	1074	1079
20	1099	1097	1094	1094	1095	1095	1095	1094	1083	1070	1053	1056	1066	1075	1084
21	1099	1097	1095	1094	1092	1095	1094	1095	1085	1079	1070	1070	1069	1072	1077
22	1101	1102	1095	1095	1093	1093	1093	1092	1080	1079	1068	1066	1071	1069	1078
23	1099	1099	1098	1094	1096	1097	1096	1093	1081	1071	1069	1067	1069	1071	1076
24[a]	1081	1080	1080	1075	1075	1075	1065	1058	1048	1045	1047	1048	1049	1057	1062
25	1074	1073	1073	1073	1073	1067	1062	1051	1040	1037	1036	1045	1037	1038	1050
26	1066	1068	1066	1068	1068	1070	1066	1053	1038	1030	1032	1034	1036	1042	1044
27[b]	1057	1058	1058	1054	1053	1058	1047	1037	1011	1001	1012	1028	1030	1035	1040
28	1052	1054	1054	1053	1055	1055	1044	1031	1017	1012	1004	1003	1006	1017	1030
29	1045	1042	1041	1041	1041	1041	1036	1033	1027	1023	1018	1015	1017	1019	1033
30	1045	1046	1045	1047	1045	1046	1043	1031	1019	1016	1011	1008	1016	1024	1037
31	1043	1042	1040	1040	1038	1044	1048	1047	1036	1034	1022	1015	1013	1018	1024
Mean	1087	1087	1085	1084	1084	1084	1081	1075	1065	1060	1057	1057	1060	1065	1072
Mean[a]	1093	1093	1092	1091	1089	1090	1084	1078	1070	1066	1065	1067	1068	1075	1080
Mean[b]	1090	1089	1089	1087	1086	1086	1080	1076	1067	1061	1064	1063	1068	1072	1077

AUGUST, 1915. 10000 γ plus tabular quantities.

Day.	1^{h}	2^{h}	3^{h}	4^{h}	5^{h}	6^{h}	7^{h}	8^{h}	9^{h}	10^{h}	11^{h}	12^{h}	13^{h}	14^{h}	15^{h}
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1037	1036	1037	1034	1035	1037	1036	1031	1036	1028	1025	1026	1023	1023	1032
2[b]	1054	1052	1050	1047	1046	1049	1046	1038	1036	1033	1029	1031	1029	1037	1050
3	1062	1061	1064	1062	1061	1062	1053	1047	1042	1033	1038	1028	1033	1035	1039
4	1063	1063	1053	1057	1058	1058	1050	1040	1030	1026	1025	1026	1027	1032	1043
5[a]	1064	1063	1063	1063	1062	1060	1053	1051	1040	1040	1036	1030	1028	1040	1049
6	1055	1052	1051	1050	1050	1053	1048	1037	1025	1012	1001	1009	1012	1023	1033
7[b]	1048	1049	1048	1049	1048	1048	1038	1027	1034	1035	1038	1040	1041	1037	1049
8	1049	1047	1046	1046	1044	1044	1033	1022	1006	1005	1006	1008	1017	1019	1023
9	1042	1043	1042	1042	1038	1038	1036	1030	1024	1020	1011	1018	1023	1026	1033
10	1044	1044	1043	1043	1043	1043	1044	1035	1022	1018	1007	1007	1008	1008	1016
11	1035	1035	1035	1035	1034	1033	1028	1023	1014	1012	1012	1022	1026	1023	1024
12	1034	1035	1037	1033	1032	1039	1033	1020	1001	991	984	989	996	1006	1018
13[a]	1031	1031	1030	1031	1031	1035	1021	1001	998	988	985	988	999	1011	1014
14[a]	1031	1031	1032	1032	1032	1035	1027	1017	1013	1003	1000	999	998	1004	1019
15[a]	1034	1034	1034	1036	1036	1038	1028	1014	1001	995	988	988	998	1008	1019
16	1045	1044	1044	1044	1044	1044	1038	1033	1022	1020	1008	1006	1004	1012	1024
17	1053	1053	1051	1048	1045	1048	1051	1048	1049	1049	1039	1036	1030	1035	1040
18	1050	1050	1050	1050	1046	1051	1043	1038	1041	1027	1027	1019	1016	1028	1038
19	1052	1052	1051	1051	1047	1045	1043	1035	1030	1021	1021	1029	1026	1039	1040
20	1043	1040	1040	1039	1038	1036	1029	1022	1013	1012	1013	1014	1022	1023	1032
21	1042	1044	1044	1041	1041	1041	1037	1024	1023	1015	1013	1012	1013	1023	1026
22	1041	1041	1040	1037	1032	1040	1028	1020	1008	1004	1004	1005	1007	1019	1029
23	1031	1031	1031	1031	1031	1035	1033	1022	1018	1010	997	995	997	1002	1008
24[a]	1034	1034	1034	1034	1034	1034	1032	1023	1018	1008	995	999	1008	1012	1018
25	1032	1032	1031	1031	1029	1031	1029	1027	1018	1015	1014	1014	1014	1013	1022
26[b]	1037	1034	1036	1036	1036	1036	1033	1020	1011	1023	1023	1019	1022	1022	1029
27[b]	1040	1041	1041	1043	1045	1045	1030	1008	993	995	984	991	1000	1013	1026
28	1050	1050	1051	1050	1046	1048	1033	1012	1005	996	1003	1001	1005	1023	1035
29[b]	1052	1052	1047	1046	1045	1046	1047	1032	1023	1020	1022	1020	1022	1029	1040
30	1062	1061	1060	1056	1056	1056	1053	1037	1029	1018	1019	1029	1039	1051	1052
31	1062	1063	1063	1055	1055	1058	1055	1040	1034	1031	1030	1030	1037	1041	1053
Mean	1045	1045	1045	1044	1043	1044	1038	1028	1021	1016	1013	1014	1017	1023	1031
Mean[a]	1039	1039	1039	1039	1039	1040	1032	1021	1014	1007	1001	1001	1006	1015	1014
Mean[b]	1046	1046	1044	1044	1044	1045	1039	1025	1019	1021	1019	1020	1023	1028	1039

[a] Five international quiet days.

[b] Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

JULY, 1915.

10000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1083	1086	1085	1085	1086	1086	1086	1086	1088	1084	0 06	1098	13 02	1065	33	1
1080	1086	1085	1084	1084	1086	1086	1082	1090	1083	24 00	1090	10 40	1074	16	2
1082	1080	1083	1084	1087	1087	1087	1087	1088	1076	0 01	1089	11 00	1056	33	3
1088	1088	1089	1088	1089	1089	1089	1089	1088	1083	18 40	1090	9 55	1065	25	4
1095	1095	1095	1095	1097	1097	1095	1095	1095	1086	20 10	1098	11 00	1061	37	5
1088	1092	1093	1095	1095	1095	1093	1093	1091	1086	21 10	1097	10 20	1066	31	6
1084	1088	1092	1093	1094	1096	1096	1097	1097	1082	23 10	1098	11 00	1056	42	7
1086	1093	1094	1097	1098	1098	1098	1098	1099	1087	0 15	1100	11 10	1064	36	8
1095	1095	1095	1096	1098	1099	1107	1102	1103	1092	22 00	1107	12 00	1070	37	9
1100	1101	1104	1107	1106	1106	1109	1109	1109	1096	21 55	1110	11 00	1072	38	10
1094	1099	1098	1099	1101	1099	1099	1099	1098	1095	1 00	1110	12 36	1069	41	11
1097	1099	1099	1099	1106	1107	1107	1106	1104	1094	21 36	1108	11 45	1072	36	12
1103	1105	1108	1109	1114	1114	1114	1114	1110	1100	22 33	1116	11 00	1080	36	13
1104	1109	1105	1105	1105	1104	1105	1104	1102	1102	6 30	1115	13 00	1079	36	14
1089	1093	1089	1090	1093	1094	1093	1094	1093	1092	2 00	1107	11 24	1074	33	15
1094	1098	1096	1098	1099	1102	1102	1100	1102	1087	21 10	1104	10 20	1061	43	16
1091	1091	1091	1091	1091	1091	1091	1092	1092	1087	0 01	1101	12 10	1065	36	17
1083	1091	1091	1090	1090	1091	1091	1092	1092	1081	6 45	1098	10 38	1041	57	18
1089	1091	1091	1094	1098	1099	1101	1099	1099	1085	21 50	1103	11 30	1050	53	19
1090	1091	1094	1093	1096	1099	1100	1099	1099	1088	21 00	1100	11 25	1050	50	20
1087	1092	1099	1099	1099	1099	1099	1100	1100	1090	23 50	1101	13 00	1069	32	21
1089	1097	1097	1097	1097	1096	1096	1097	1098	1089	2 00	1102	12 00	1066	36	22
1084	1089	1087	1087	1084	1083	1083	1081	1080	1085	0 30	1100	10 24	1065	35	23
1068	1071	1077	1073	1075	1076	1075	1075	1073	1067	1 00	1081	10 00	1045	36	24
1067	1073	1072	1063	1063	1065	1067	1067	1067	1060	1 00	1074	11 15	1034	40	25
1053	1056	1056	1055	1055	1056	1056	1057	1057	1053	6 00	1070	10 20	1027	43	26
1040	1048	1048	1048	1047	1049	1049	1049	1049	1042	1 03	1059	10 06	1000	59	27
1043	1044	1043	1041	1043	1043	1044	1045	1045	1037	5 28	1057	12 00	1000	57	28
1044	1055	1055	1045	1045	1045	1045	1046	1046	1037	23 40	1048	11 50	1012	36	29
1044	1046	1044	1043	1043	1044	1044	1044	1044	1036	3 56	1048	12 15	1006	42	30
1029	1038	1038	1035	1033	1034	1036	1036	1036	1034	7 10	1050	13 00	1013	37	31
1079	1083	1084	1083	1084	1085	1085	1085	1085	1077	----------	1091	----------	1052	39	--------
1086	1088	1088	1088	1089	1090	1090	1090	1090	1083	----------	1097	----------	1062	35	--------
1079	1084	1084	1084	1085	1086	1087	1085	1086	1080	----------	1093	----------	1056	37	--------

AUGUST, 1915.

10000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1041	1044	1049	1045	1046	1048	1051	1053	1053	1038	22 40	1055	13 10	1022	33	1
1059	1059	1061	1067	1065	1063	1063	1063	1061	1050	18 10	1077	11 15	1027	50	2
1048	1060	1060	1062	1062	1063	1061	1062	1062	1052	3 03	1065	12 00	1028	37	3
1050	1050	1057	1059	1061	1063	1064	1066	1066	1050	22 20	1068	10 10	1023	45	4
1064	1065	1064	1060	1055	1055	1056	1056	1055	1053	17 00	1065	13 00	1028	37	5
1035	1041	1043	1047	1046	1047	1047	1047	1047	1038	0 03	1056	11 10	1000	56	6
1049	1049	1055	1052	1050	1050	1052	1052	1052	1045	18 25	1057	8 00	1027	30	7
1029	1027	1032	1038	1040	1040	1040	1041	1042	1031	0 01	1052	11 36	1003	49	8
1042	1044	1046	1046	1047	1043	1043	1044	1046	1036	20 00	1047	11 00	1011	36	9
1021	1027	1031	1031	1032	1034	1034	1034	1034	1029	0 01	1046	12 15	1005	41	10
1029	1031	1031	1034	1033	1033	1029	1031	1031	1028	0 20	1036	10 10	1010	26	11
1027	1029	1021	1027	1029	1029	1029	1030	1030	1021	6 00	1039	10 56	982	57	12
1025	1027	1027	1026	1026	1027	1027	1030	1031	1018	6 00	1035	11 00	985	50	13
1030	1037	1035	1031	1032	1032	1035	1035	1035	1024	17 00	1037	12 38	994	43	14
1030	1040	1040	1039	1040	1043	1043	1043	1044	1026	23 54	1046	11 30	986	60	15
1036	1048	1056	1053	1053	1053	1052	1052	1052	1037	18 00	1056	12 38	1002	54	16
1041	1042	1046	1042	1049	1049	1049	1050	1050	1046	0 15	1054	13 00	1030	24	17
1043	1042	1046	1050	1050	1051	1051	1051	1051	1042	6 00	1051	13 00	1016	35	18
1042	1048	1045	1043	1043	1043	1042	1042	1042	1040	0 10	1053	12 24	1012	41	19
1032	1035	1038	1041	1040	1043	1043	1043	1041	1032	21 10	1045	9 15	1010	35	20
1037	1039	1037	1037	1039	1039	1039	1039	1039	1033	2 04	1046	11 45	1010	36	21
1033	1033	1029	1030	1030	1029	1029	1032	1032	1026	1 20	1042	11 20	1002	40	22
1018	1020	1027	1030	1030	1031	1031	1031	1031	1022	6 00	1035	11 50	992	43	23
1021	1021	1023	1023	1023	1026	1027	1028	1030	1022	0 12	1035	11 10	993	42	24
1020	1028	1031	1031	1033	1033	1033	1033	1036	1026	23 50	1038	14 00	1013	25	25
1028	1038	1039	1039	1039	1039	1040	1039	1040	1032	22 36	1042	11 50	1008	34	26
1038	1040	1044	1048	1048	1048	1049	1049	1049	1030	22 30	1051	10 30	993	58	27
1042	1049	1048	1048	1049	1049	1049	1050	1051	1035	1 20	1052	11 20	994	58	28
1050	1054	1055	1057	1059	1060	1061	1061	1061	1044	23 15	1072	9 45	1016	56	29
1061	1062	1061	1059	1061	1059	1059	1059	1061	1051	17 33	1064	10 00	1018	46	30
1060	1064	1062	1062	1063	1063	1062	1062	1055	1052	17 15	1066	11 25	1028	38	31
1038	1042	1043	1044	1044	1045	1045	1045	1045	1036	----------	1051	----------	1009	42	--------
1034	1038	1038	1036	1035	1037	1038	1038	1039	1029	----------	1043	----------	997	46	--------
1045	1048	1051	1053	1052	1052	1053	1053	1053	1040	----------	1060	----------	1014	46	--------

HOURLY VALUES OF VERTICAL INTENSITY.

SEPTEMBER, 1915.

10000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1056	1056	1056	1056	1056	1056	1049	1032	1024	1013	1012	1018	1024	1036	1044
2	1059	1057	1055	1052	1051	1051	1050	1032	1027	1014	1014	1023	1027	1037	1050
3	1060	1060	1059	1057	1056	1055	1046	1028	1024	1023	1022	1037	1046	1050	1055
4	1058	1058	1057	1055	1052	1051	1042	1026	1019	1015	1023	1028	1034	1044	1055
5	1067	1067	1066	1062	1060	1056	1053	1035	1021	1011	1010	1020	1028	1031	1035
6	1067	1066	1062	1059	1059	1063	1050	1025	1011	1018	1027	1034	1045	1054	1059
7[a]	1061	1059	1058	1058	1058	1057	1047	1029	1025	1024	1026	1031	1036	1047	1058
8[a]	1059	1057	1055	1054	1054	1054	1042	1018	1005	994	998	1010	1025	1037	1048
9	1048	1048	1046	1046	1048	1051	1040	1023	1009	995	993	996	1007	1019	1033
10	1042	1043	1043	1045	1043	1049	1040	1027	1001	987	977	991	1013	1019	1032
11	1041	1040	1040	1041	1041	1042	1042	1038	1029	1017	1013	1017	1027	1031	1041
12	1042	1042	1042	1042	1042	1041	1041	1030	1016	995	992	993	1010	1025	1037
13	1046	1046	1046	1046	1046	1047	1044	1027	1014	1000	987	993	1009	1027	1039
14	1045	1047	1046	1045	1045	1048	1038	1030	1024	1011	1001	1002	1010	1016	1025
15	1040	1039	1040	1040	1039	1040	1033	1029	1026	1017	1013	1015	1025	1035	1047
16	1046	1045	1044	1044	1045	1046	1045	1034	1023	1022	1018	1008	1016	1026	1039
17	1048	1047	1048	1047	1047	1049	1051	1051	1039	1029	1013	1012	1020	1034	1037
18[a]	1049	1048	1048	1046	1046	1045	1043	1038	1023	1014	1011	1012	1022	1034	1038
19[a]	1040	1040	1039	1036	1035	1034	1029	1011	995	986	983	982	995	1008	1022
20[a]	1043	1041	1039	1035	1034	1032	1029	1011	993	989	995	1007	1020	1032	1041
21	1047	1047	1046	1045	1041	1041	1027	1007	993	989	990	1003	1017	1037	1041
22[b]	1050	1050	1046	1045	1044	1044	1031	1012	1003	994	995	1007	1027	1040	1050
23[b]	1051	1056	1051	1050	1050	1051	1040	1023	1014	1014	1014	1031	1038	1046	1052
24[b]	1054	1059	1047	1048	1050	1051	1040	1028	1015	1002	1004	1002	1025	1037	1037
25	1051	1051	1050	1051	1048	1050	1040	1028	1025	1018	1015	1016	1033	1043	1048
26	1057	1052	1051	1051	1051	1052	1041	1021	1009	1002	1000	1001	1015	1028	1047
27	1056	1052	1051	1051	1049	1049	1037	1025	1014	1005	1000	1006	1012	1021	1042
28[b]	1055	1055	1051	1048	1051	1053	1043	1028	1016	1005	1001	1001	1023	1033	1037
29[b]	1052	1053	1045	1044	1047	1047	1040	1034	1024	1015	1011	1008	1024	1039	1049
30	1052	1053	1052	1053	1052	1052	1049	1044	1030	1010	1004	1003	1022	1034	1042
Mean	1051	1051	1049	1048	1048	1049	1041	1027	1016	1008	1005	1010	1022	1033	1043
Mean[a]	1050	1049	1048	1046	1045	1044	1038	1021	1008	1001	1003	1008	1020	1032	1041
Mean[b]	1052	1055	1048	1047	1048	1049	1039	1025	1014	1006	1005	1010	1027	1039	1045

OCTOBER, 1915.

10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1050	1046	1046	1049	1049	1051	1041	1030	1019	1011	1007	1011	1032	1045	1054
2[a]	1069	1069	1068	1067	1064	1067	1064	1053	1039	1030	1022	1023	1035	1049	1055
3	1068	1068	1068	1067	1067	1069	1068	1062	1051	1043	1035	1032	1039	1050	1059
4	1070	1069	1067	1064	1063	1063	1064	1060	1052	1047	1040	1038	1049	1056	1063
5[a]	1069	1068	1067	1065	1065	1067	1065	1059	1047	1035	1028	1029	1037	1051	1060
6	1069	1068	1065	1065	1065	1065	1059	1051	1042	1032	1026	1027	1040	1052	1064
7	1074	1073	1071	1069	1069	1069	1066	1056	1045	1037	1034	1039	1050	1064	1070
8	1073	1071	1070	1069	1066	1068	1068	1060	1045	1030	1030	1037	1050	1061	1070
9[a]	1080	1079	1079	1076	1075	1076	1074	1066	1053	1038	1037	1040	1048	1061	1074
10	1070	1067	1067	1067	1067	1069	1066	1062	1051	1034	1033	1033	1042	1058	1071
11	1074	1075	1074	1074	1075	1075	1072	1071	1063	1053	1046	1049	1056	1067	1079
12	1084	1081	1081	1077	1076	1076	1073	1068	1059	1055	1048	1048	1054	1066	1075
13	1072	1071	1068	1068	1068	1070	1068	1061	1050	1039	1031	1025	1032	1040	1054
14	1064	1065	1065	1065	1063	1063	1063	1060	1051	1035	1022	1018	1019	1026	1036
15[b]	1053	1053	1054	1049	1053	1055	1046	1044	1039	1030	1021	1016	1035	1048	1060
16	1063	1061	1060	1061	1057	1060	1055	1046	1045	1038	1044	1048	1053	1063	1062
17	1069	1069	1069	1069	1071	1071	1064	1059	1046	1037	1037	1036	1044	1058	1064
18[a]	1074	1073	1072	1071	1071	1071	1067	1062	1051	1041	1035	1039	1047	1053	1060
19[b]	1075	1077	1075	1077	1075	1075	1072	1068	1056	1051	1045	1050	1059	1063	1072
20	1082	1084	1075	1073	1075	1075	1069	1063	1057	1052	1051	1056	1065	1080	1083
21	1084	1085	1085	1083	1084	1080	1076	1074	1067	1062	1057	1057	1069	1076	1080
22	1085	1085	1080	1079	1080	1080	1078	1066	1059	1051	1047	1052	1060	1072	1079
23[b]	1081	1081	1079	1079	1079	1078	1071	1061	1055	1047	1049	1057	1060	1060	1064
24[b]	1063	1070	1058	1059	1058	1056	1049	1044	1036	1035	1036	1044	1050	1053	1056
25[b]	1058	1056	1058	1058	1058	1056	1050	1043	1038	1026	1025	1026	1024	1038	1043
26	1050	1049	1049	1049	1049	1048	1047	1044	1037	1030	1023	1034	1041	1055	1063
27	1068	1069	1069	1067	1066	1067	1066	1057	1049	1040	1034	1037	1054	1066	1069
28	1071	1068	1069	1067	1067	1066	1066	1060	1050	1045	1043	1050	1060	1068	1073
29[a]	1073	1073	1072	1072	1070	1069	1065	1056	1046	1037	1035	1029	1041	1052	1065
30	1063	1064	1061	1063	1061	1063	1060	1055	1048	1041	1036	1038	1048	1052	1055
31	1065	1066	1065	1065	1062	1064	1064	1060	1050	1050	1049	1053	1061	1065	1065
Mean	1070	1069	1068	1067	1067	1067	1064	1057	1048	1040	1036	1038	1047	1057	1064
Mean[a]	1073	1072	1072	1070	1069	1070	1067	1059	1047	1036	1031	1032	1042	1053	1063
Mean[b]	1066	1067	1065	1064	1065	1064	1058	1052	1045	1038	1035	1039	1046	1052	1059

[a] Five international quiet days.

[b] Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

SEPTEMBER, 1915.

10000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1054	1058	1058	1058	1057	1056	1056	1056	1056	1046	17 10	1060	10 40	1010	50	1
1059	1056	1054	1056	1057	1057	1058	1059	1059	1046	19 54	1060	10 40	1013	47	2
1054	1047	1046	1052	1054	1055	1055	1055	1056	1048	1 10	1061	11 00	1022	39	3
1056	1062	1062	1063	1063	1064	1065	1066	1067	1049	24 00	1067	9 35	1013	54	4
1044	1055	1055	1056	1062	1066	1066	1066	1066	1048	0 10	1068	11 00	1010	58	5
1061	1059	1057	1059	1059	1062	1061	1061	1061	1052	1 00	1067	9 00	1011	56	6
1058	1058	1057	1057	1057	1057	1058	1058	1058	1050	0 06	1062	10 00	1024	38	7
1051	1045	1041	1045	1049	1048	1046	1048	1046	1039	1 00	1059	10 10	992	67	8
1035	1036	1033	1035	1037	1038	1039	1040	1040	1031	5 50	1053	10 38	990	63	9
1038	1038	1036	1037	1037	1038	1040	1040	1041	1029	6 00	1049	10 40	975	74	10
1041	1041	1038	1040	1041	1041	1041	1041	1041	1036	5 50	1044	10 54	1011	33	11
1044	1039	1037	1043	1043	1044	1046	1046	1046	1032	23 50	1048	11 00	992	56	12
1044	1050	1042	1041	1043	1043	1042	1044	1044	1034	16 35	1052	11 15	985	67	13
1035	1038	1038	1038	1038	1038	1038	1039	1039	1032	2 00	1047	11 35	1000	47	14
1052	1044	1043	1044	1047	1048	1048	1049	1049	1038	16 00	1052	11 00	1013	39	15
1048	1046	1044	1044	1044	1044	1045	1048	1053	1038	24 00	1053	11 38	1005	48	16
1035	1040	1044	1044	1054	1054	1053	1051	1049	1042	21 20	1060	12 00	1012	48	17
1038	1036	1035	1038	1038	1039	1039	1040	1039	1036	0 06	1050	10 50	1009	41	18
1031	1034	1035	1039	1040	1041	1042	1043	1043	1024	23 20	1044	12 00	982	62	19
1040	1036	1035	1040	1043	1044	1045	1045	1045	1030	23 15	1046	10 00	989	57	20
1039	1035	1035	1037	1040	1042	1042	1049	1050	1031	23 50	1052	10 00	989	63	21
1047	1044	1040	1044	1044	1042	1047	1051	1056	1036	24 00	1056	9 20	992	64	22
1050	1045	1043	1042	1054	1054	1051	1052	1055	1043	0 01	1057	10 27	1010	47	23
1047	1048	1045	1048	1054	1047	1055	1051	1052	1039	1 54	1062	10 30	1000	62	24
1056	1046	1054	1055	1055	1052	1052	1056	1056	1044	20 24	1058	11 24	1012	46	25
1048	1047	1049	1053	1053	1053	1051	1052	1055	1039	1 00	1057	11 30	997	60	26
1053	1056	1053	1055	1053	1055	1056	1056	1057	1040	23 38	1063	11 00	1000	63	27
1046	1048	1047	1055	1048	1049	1049	1051	1051	1039	0 01	1057	11 33	998	59	28
1049	1049	1049	1048	1049	1054	1053	1061	1052	1042	22 57	1063	11 24	1000	63	29
1044	1044	1050	1043	1048	1050	1049	1053	1049	1041	0 50	1054	11 20	1001	53	30
1047	1046	1045	1047	1049	1049	1050	1051	1051	1039	----------	1056	----------	1002	54	--------
1044	1042	1041	1044	1045	1046	1046	1047	1046	1036	----------	1052	----------	999	53	--------
1048	1047	1045	1047	1050	1049	1051	1053	1053	1040	----------	1059	----------	1000	59	--------

OCTOBER, 1915.

10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
1059	1062	1066	1068	1066	1067	1068	1069	1069	1047	21 40	1070	11 00	1007	63	1
1055	1053	1051	1058	1063	1063	1064	1066	1067	1055	0 24	1071	11 27	1018	53	2
1066	1060	1063	1066	1067	1067	1068	1069	1071	1060	24 00	1071	12 00	1032	39	3
1067	1064	1065	1068	1068	1070	1070	1070	1069	1062	0 01	1071	12 00	1038	33	4
1064	1063	1063	1065	1067	1068	1067	1069	1070	1059	24 00	1070	11 00	1028	42	5
1064	1061	1060	1067	1068	1069	1069	1070	1072	1058	24 00	1072	11 24	1025	47	6
1070	1066	1066	1070	1070	1071	1073	1073	1073	1063	23 20	1075	11 00	1034	41	7
1071	1069	1070	1074	1075	1077	1077	1079	1078	1064	23 00	1079	11 10	1029	50	8
1078	1074	1071	1071	1070	1070	1069	1071	1070	1067	1 00	1080	11 00	1037	43	9
1074	1071	1071	1074	1075	1074	1075	1076	1081	1064	24 00	1081	11 30	1032	49	10
1081	1079	1076	1080	1080	1081	1080	1081	1083	1072	20 40	1085	11 38	1044	41	11
1080	1076	1073	1072	1072	1071	1071	1072	1072	1070	1 00	1084	11 40	1043	41	12
1062	1061	1062	1063	1063	1062	1062	1062	1063	1057	1 00	1072	12 00	1025	47	13
1039	1049	1050	1051	1051	1051	1055	1050	1051	1048	1 50	1066	12 25	1016	50	14
1060	1060	1060	1063	1064	1065	1065	1072	1068	1051	23 06	1074	12 00	1016	58	15
1063	1063	1067	1066	1067	1066	1068	1068	1067	1059	5 34	1072	9 55	1036	36	16
1068	1065	1068	1069	1069	1071	1073	1072	1073	1062	21 50	1074	11 18	1035	39	17
1065	1068	1068	1071	1072	1072	1073	1076	1076	1064	23 20	1077	10 22	1034	43	18
1074	1073	1070	1078	1073	1079	1079	1078	1079	1070	23 15	1084	11 00	1045	39	19
1074	1073	1077	1080	1082	1079	1082	1079	1083	1073	3 15	1087	10 36	1049	38	20
1084	1078	1079	1080	1080	1081	1083	1084	1085	1077	23 36	1086	10 48	1056	30	21
1080	1078	1078	1079	1078	1081	1084	1085	1083	1074	1 50	1087	11 00	1047	40	22
1064	1065	1065	1064	1062	1061	1058	1060	1058	1065	2 20	1088	10 19	1045	43	23
1056	1056	1059	1056	1058	1058	1058	1059	1059	1054	2 00	1070	10 52	1034	36	24
1043	1047	1046	1048	1046	1047	1048	1049	1048	1045	0 50	1059	13 00	1024	35	25
1064	1064	1067	1067	1068	1071	1072	1068	1068	1053	21 55	1073	10 50	1022	51	26
1071	1069	1067	1069	1071	1071	1069	1072	1069	1063	23 00	1072	11 00	1034	38	27
1073	1071	1068	1068	1069	1071	1071	1071	1071	1065	15 36	1074	10 45	1041	33	28
1065	1063	1060	1060	1060	1061	1063	1061	1063	1059	0 20	1074	12 00	1029	45	29
1058	1060	1065	1064	1061	1065	1065	1064	1064	1057	21 05	1066	11 00	1036	30	30
1068	1066	1065	1065	1064	1064	1064	1064	1062	1062	16 00	1068	11 00	1049	19	31
1066	1065	1066	1068	1068	1069	1069	1070	1070	1061	----------	1075	----------	1033	42	--------
1065	1064	1063	1065	1066	1067	1067	1069	1069	1061	----------	1074	----------	1029	45	--------
1059	1060	1060	1062	1061	1062	1062	1064	1062	1057	----------	1075	----------	1033	42	--------

HOURLY VALUES OF VERTICAL INTENSITY.

NOVEMBER, 1915.

10000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 b	1064	1065	1064	1065	1060	1059	1057	1049	1039	1035	1029	1039	1040	1051	1062
2	1080	1079	1075	1077	1072	1066	1063	1065	1060	1058	1057	1062	1068	1070	1070
3 a	1071	1072	1070	1070	1068	1068	1068	1066	1060	1056	1049	1050	1058	1061	1061
4 a	1058	1057	1057	1057	1058	1058	1055	1049	1044	1039	1037	1041	1044	1048	1050
5 b	1066	1066	1066	1064	1063	1062	1062	1057	1052	1046	1041	1046	1057	1064	1069
6 b	1087	1082	1082	1079	1078	1076	1065	1058	1079	1059	1038	1051	1049	1076	1078
7	1068	1078	1068	1067	1067	1060	1054	1053	1053	1049	1054	1056	1058	1070	1074
8	1078	1079	1071	1073	1070	1071	1069	1063	1056	1042	1046	1051	1057	1068	1075
9	1080	1074	1077	1075	1074	1075	1071	1070	1059	1050	1046	1051	1057	1061	1068
10	1078	1076	1074	1075	1072	1072	1071	1064	1057	1048	1046	1048	1052	1049	1055
11	1061	1060	1060	1060	1060	1064	1057	1048	1038	1028	1023	1032	1042	1046	1056
12	1065	1066	1062	1062	1062	1063	1061	1054	1045	1035	1031	1034	1048	1053	1062
13	1062	1061	1061	1061	1061	1061	1054	1048	1043	1040	1039	1034	1035	1048	1057
14 a	1073	1072	1071	1069	1068	1068	1067	1066	1058	1050	1039	1035	1042	1050	1059
15	1076	1072	1072	1071	1071	1071	1071	1071	1062	1050	1046	1045	1054	1058	1068
16 b	1078	1076	1076	1073	1072	1068	1073	1068	1066	1051	1058	1053	1055	1057	1068
17 b	1081	1078	1075	1078	1075	1073	1075	1073	1065	1063	1064	1069	1072	1069	1073
18	1074	1073	1074	1074	1073	1069	1067	1067	1058	1065	1064	1069	1073	1070	1070
19	1077	1079	1078	1075	1074	1073	1069	1068	1061	1056	1055	1058	1059	1060	1068
20	1074	1074	.1075	1074	1074	1074	1068	1061	1056	1052	1054	1058	1059	1068	1078
21	1084	1084	1082	1081	1081	1082	1077	1067	1056	1051	1043	1050	1064	1070	1081
22	1083	1084	1083	1082	1083	1081	1079	1075	1065	1059	1050	1056	1068	1070	1078
23	1082	1081	1081	1079	1079	1078	1075	1069	1061	1050	1051	1058	1065	1074	1078
24	1086	1084	1084	1083	1082	1083	1082	1074	1060	1045	1041	1047	1056	1064	1072
25	1090	1087	1086	1086	1084	1084	1083	1077	1068	1061	1055	1063	1072	1077	1083
26	1087	1086	1087	1084	1083	1083	1081	1078	1068	1059	1050	1061	1061	1078	1079
27	1083	1082	1081	1081	1081	1078	1077	1073	1069	1061	1051	1052	1063	1073	1082
28	1084	1084	1083	1083	1081	1079	1082	1077	1068	1059	1054	1061	1068	1072	1077
29 a	1082	1082	1081	1079	1079	1078	1077	1073	1065	1051	1038	1042	1055	1067	1073
30 a	1079	1078	1077	1075	1075	1075	1075	1075	1067	1054	1047	1050	1058	1060	1069
Mean	1076	1076	1074	1074	1073	1072	1070	1065	1059	1051	1047	1051	1057	1063	1070
Mean a	1073	1072	1071	1070	1070	1069	1068	1066	1059	1050	1042	1044	1051	1057	1062
Mean b	1075	1073	1073	1072	1070	1068	1066	1061	1060	1051	1046	1052	1055	1063	1070

DECEMBER, 1915.

10000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 a	1075	1074	1074	1074	1074	1073	1075	1074	1069	1056	1043	1041	1041	1049	1061
2	1069	1069	1069	1068	1068	1069	1070	1075	1074	1059	1054	1052	1050	1055	1060
3	1069	1069	1068	1069	1068	1072	1070	1069	1064	1055	1041	1032	1037	1046	1054
4	1070	1070	1069	1068	1069	1070	1075	1074	1072	1064	1056	1054	1056	1058	1061
5 a	1068	1069	1068	1068	1068	1070	1069	1069	1064	1051	1046	1047	1051	1056	1056
6 b	1070	1069	1069	1068	1068	1069	1069	1069	1061	1046	1036	1042	1055	1056	1058
7 b	1070	1079	1070	1072	1073	1075	1074	1070	1064	1058	1058	1058	1074	1082	1084
8	1077	1077	1077	1078	1079	1079	1077	1075	1067	1049	1040	1040	1045	1058	1063
9	1074	1074	1074	1075	1077	1079	1078	1074	1056	1027	1016	1018	1036	1050	1059
10	1067	1065	1065	1066	1065	1064	1061	1056	1042	1023	1018	1020	1029	1041	1056
11	1064	1063	1063	1061	1063	1065	1064	1063	1050	1035	1027	1024	1033	1040	1050
12	1061	1060	1059	1058	1060	1060	1061	1064	1061	1043	1033	1032	1040	1047	1058
13	1063	1063	1061	1060	1059	1059	1059	1058	1052	1033	1028	1027	1031	1040	1049
14	1063	1061	1060	1060	1059	1059	1063	1070	1069	1055	1029	1031	1036	1041	1050
15 b	1067	1061	1061	1060	1059	1059	1059	1060	1059	1050	1043	1033	1033	1040	1047
16 b	1065	1061	1059	1059	1060	1060	1059	1056	1052	1046	1037	1038	1037	1037	1047
17	1061	1060	1059	1059	1058	1058	1056	1055	1049	1041	1029	1033	1037	1042	1050
18 a	1063	1061	1059	1059	1058	1058	1056	1051	1049	1041	1036	1031	1035	1038	1042
19	1055	1056	1056	1055	1056	1056	1059	1060	1059	1046	1027	1036	1041	1045	1051
20	1056	1058	1056	1055	1056	1055	1058	1058	1054	1041	1037	1033	1037	1041	1051
21 a	1059	1059	1058	1058	1059	1059	1058	1059	1055	1046	1032	1033	1035	1038	1042
22 a	1060	1061	1060	1059	1058	1058	1056	1058	1056	1050	1043	1042	1043	1043	1051
23	1059	1059	1059	1059	1060	1059	1058	1058	1056	1041	1037	1029	1038	1041	1049
24	1059	1059	1058	1058	1059	1058	1058	1059	1055	1051	1050	1047	1047	1051	1056
25	1061	1060	1060	1059	1059	1059	1060	1058	1047	1037	1036	1040	1043	1051	1054
26 b	1063	1061	1060	1061	1061	1061	1063	1061	1051	1045	1038	1036	1042	1049	1058
27	1068	1067	1065	1064	1065	1064	1061	1059	1051	1045	1040	1046	1052	1060	1067
28	1074	1073	1072	1072	1070	1073	1072	1070	1064	1049	1042	1042	1046	1056	1069
29	1079	1077	1075	1075	1073	1073	1073	1075	1065	1054	1049	1052	1059	1065	1072
30	1083	1082	1082	1081	1079	1079	1074	1073	1064	1049	1037	1037	1046	1059	1072
31	1075	1074	1073	1072	1070	1070	1070	1072	1061	1038	1045	1050	1054	1059	1067
Mean	1067	1066	1065	1065	1065	1065	1065	1065	1058	1046	1038	1038	1043	1049	1057
Mean a	1065	1065	1064	1064	1063	1064	1063	1062	1059	1049	1040	1039	1041	1045	1050
Mean b	1067	1066	1064	1064	1064	1065	1065	1063	1057	1049	1042	1041	1048	1053	1059

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a Five international quiet days.

b Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

NOVEMBER, 1915.

10000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1061	1072	1075	1076	1079	1080	1081	1100	1083	1062	23	00	1100	11	00	1029	71	1
1068	1066	1070	1075	1076	1074	1075	1071	1070	1069	0	02	1082	11	00	1057	25	2
1060	1060	1058	1057	1054	1053	1057	1054	1057	1061	2	00	1072	11	34	1047	25	3
1049	1052	1057	1059	1061	1062	1064	1067	1066	1054	23	00	1067	11	00	1037	30	4
1072	1071	1076	1080	1081	1084	1085	1086	1085	1067	22	40	1098	11	00	1041	57	5
1074	1076	1073	1070	1077	1073	1077	1079	1074	1071	12	48	1092	11	26	1030	62	6
1074	1070	1073	1074	1077	1076	1076	1077	1074	1067	0	35	1091	10	00	1049	42	7
1077	1074	1074	1075	1075	1075	1077	1077	1078	1069	2	00	1079	10	32	1041	38	8
1071	1069	1073	1074	1075	1075	1075	1075	1077	1069	0	45	1082	11	00	1046	36	9
1057	1058	1064	1061	1057	1057	1060	1061	1061	1061	1	00	1078	11	00	1046	32	10
1056	1056	1060	1062	1061	1062	1066	1064	1065	1054	21	50	1068	11	00	1023	45	11
1062	1062	1058	1063	1061	1058	1062	1062	1062	1056	17	13	1070	11	30	1030	40	12
1065	1065	1066	1070	1072	1072	1073	1074	1072	1058	22	35	1075	12	05	1033	42	13
1063	1066	1072	1074	1078	1076	1076	1077	1077	1064	20	00	1078	12	00	1035	43	14
1069	1068	1073	1074	1076	1077	1079	1078	1078	1068	22	00	1079	11	45	1044	35	15
1072	1074	1080	1082	1081	1080	1086	1078	1082	1071	21	50	1091	10	05	1049	42	16
1075	1075	1084	1079	1077	1081	1082	1081	1079	1075	18	00	1084	10	18	1060	24	17
1073	1081	1075	1072	1081	1082	1087	1081	1083	1073	21	47	1091	9	00	1058	33	18
1065	1070	1073	1074	1075	1074	1072	1077	1077	1069	0	05	1085	11	00	1055	30	19
1081	1079	1081	1082	1084	1084	1084	1088	1082	1073	23	23	1090	10	34	1050	40	20
1083	1083	1083	1083	1087	1082	1086	1088	1087	1076	23	50	1090	11	00	1043	47	21
1082	1083	1083	1091	1087	1090	1086	1086	1084	1078	19	00	1091	11	00	1050	41	22
1079	1077	1081	1082	1083	1084	1084	1086	1086	1075	23	15	1087	10	15	1049	38	23
1075	1079	1081	1083	1083	1084	1087	1088	1088	1075	23	20	1089	11	00	1041	48	24
1084	1083	1086	1084	1087	1087	1088	1088	1086	1080	1	00	1090	11	00	1055	35	25
1079	1081	1083	1083	1083	1084	1083	1083	1082	1078	0	22	1088	10	47	1046	42	26
1083	1082	1084	1083	1083	1082	1088	1086	1084	1077	22	00	1088	11	00	1051	37	27
1079	1078	1079	1081	1079	1081	1082	1081	1082	1076	19	42	1086	11	24	1053	33	28
1078	1075	1075	1078	1081	1079	1081	1081	1079	1072	0	10	1083	11	00	1038	45	29
1074	1075	1077	1078	1078	1078	1078	1077	1078	1071	1	00	1079	10	27	1046	33	30
1071	1072	1074	1075	1076	1076	1078	1078	1077	1069	----------		1084	----------		1044	40	--------
1065	1066	1068	1069	1070	1070	1071	1071	1071	1064	----------		1076	----------		1041	35	--------
1071	1074	1078	1077	1079	1080	1082	1085	1081	1069	----------		1093	----------		1042	51	--------

DECEMBER, 1915.

10000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1068	1070	1069	1072	1069	1068	1067	1069	1068	1066	0	05	1077	12	30	1040	37	1
1063	1063	1061	1064	1065	1065	1068	1068	1068	1064	8	00	1075	13	00	1050	25	2
1060	1063	1063	1064	1064	1064	1065	1069	1070	1061	6	00	1072	12	00	1032	40	3
1063	1064	1064	1065	1065	1067	1069	1069	1069	1066	7	00	1075	12	00	1054	21	4
1059	1060	1061	1064	1067	1068	1067	1068	1069	1063	6	00	1070	11	00	1046	24	5
1063	1059	1063	1060	1064	1068	1077	1068	1077	1063	22	50	1078	11	00	1036	42	6
1084	1077	1075	1074	1074	1077	1075	1075	1077	1073	1	50	1087	10	36	1050	37	7
1067	1064	1067	1068	1068	1070	1070	1073	1072	1067	5	30	1080	11	36	1037	43	8
1065	1059	1060	1063	1063	1065	1065	1067	1065	1069	6	00	1079	11	00	1016	63	9
1064	1063	1063	1063	1063	1061	1061	1063	1065	1054	1	00	1067	11	00	1018	49	10
1054	1056	1056	1059	1059	1060	1061	1063	1061	1054	6	00	1065	12	00	1024	41	11
1063	1060	1059	1060	1061	1061	1063	1063	1063	1056	7	20	1066	11	30	1024	42	12
1056	1059	1060	1061	1061	1061	1063	1064	1063	1054	23	00	1064	12	00	1027	87	13
1058	1060	1063	1061	1064	1064	1068	1064	1067	1057	8	00	1070	11	10	1027	43	14
1054	1056	1058	1061	1060	1063	1067	1064	1064	1056	23	40	1068	12	35	1031	37	15
1052	1055	1058	1061	1061	1060	1061	1060	1064	1054	1	00	1065	12	27	1029	36	16
1054	1056	1059	1061	1061	1061	1061	1063	1064	1054	24	00	1064	11	00	1029	35	17
1046	1046	1047	1049	1050	1050	1051	1054	1054	1049	1	00	1063	12	25	1029	34	18
1052	1052	1052	1052	1055	1054	1054	1055	1056	1052	8	00	1060	11	10	1026	34	19
1060	1059	1058	1056	1055	1056	1056	1058	1059	1053	16	00	1060	11	52	1027	33	20
1047	1050	1054	1056	1058	1058	1058	1059	1060	1052	24	00	1060	11	00	1032	28	21
1056	1056	1056	1058	1059	1059	1060	1060	1059	1055	2	00	1061	12	00	1042	19	22
1056	1058	1058	1058	1058	1058	1059	1058	1058	1053	5	00	1060	12	00	1029	31	23
1056	1058	1059	1059	1059	1058	1060	1059	1059	1056	22	00	1060	12	55	1046	14	24
1058	1056	1059	1060	1062	1061	1060	1065	1060	1055	23	00	1065	11	00	1036	29	25
1061	1064	1065	1068	1068	1065	1070	1069	1069	1059	22	16	1073	11	38	1032	41	26
1069	1069	1069	1074	1074	1075	1077	1078	1075	1064	23	00	1078	11	00	1040	38	27
1079	1078	1077	1079	1081	1081	1082	1081	1081	1069	22	00	1082	12	12	1041	41	28
1074	1075	1079	1082	1083	1084	1087	1086	1084	1073	22	00	1087	11	00	1049	38	29
1074	1073	1074	1074	1079	1078	1078	1077	1075	1070	1	00	1083	11	30	1034	49	30
1069	1070	1070	1073	1072	1070	1070	1069	1068	1066	1	00	1075	10	00	1038	37	31
1061	1062	1062	1064	1065	1065	1066	1066	1067	1060	----------		1071	----------		1035	36	--------
1055	1056	1057	1060	1061	1061	1061	1062	1062	1057	----------		1066	----------		1038	28	--------
1063	1062	1064	1065	1065	1067	1070	1067	1070	1061	----------		1074	----------		1035	39	--------

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